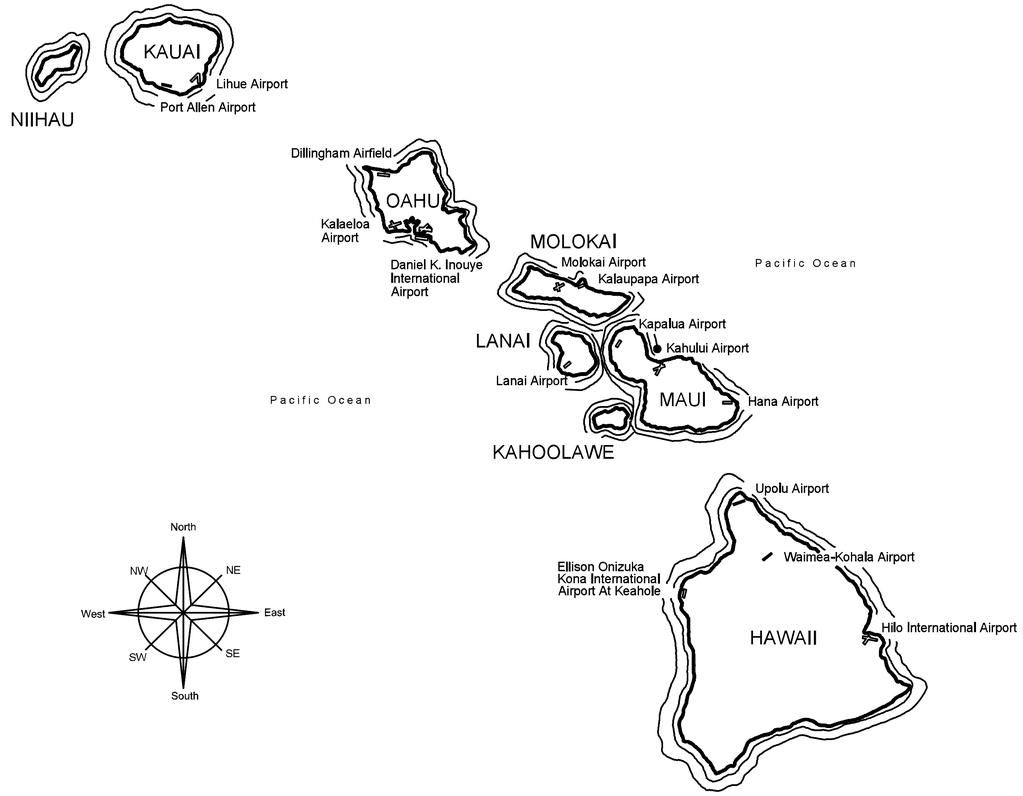
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

PLANS FOR

RESURFACE RUNWAY 2-20
PHASE 2

AT

KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII
PROJECT NO. AM1022-25



PROJECT TEAM

CIVIL:
R.M. TOWILL CORPORATION
2024 N KING ST., STE 200
HONOLULU, HI 96819
(808) 842-1133

BRENT W.B. NAKAOKA — LICENSED PROFESSIONAL ENGINEER — No. 11106-C — HAWAII, U.S.A.

I HEREBY CERTIFY THAT THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

BRENT NAKAOKA
CIVIL ENGINEER
04/30/2028
EXPIRATION DATE

SURVEY:
R.M. TOWILL CORPORATION
2024 N KING ST., STE 200
HONOLULU, HI 96819
(808) 842-1133

RYAN M. SUZUKI — LICENSED PROFESSIONAL LAND SURVEYOR — No. 10059 — HAWAII, U.S.A.

I HEREBY CERTIFY THAT THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

RYAN SUZUKI
SURVEYOR
04/30/2028
EXPIRATION DATE

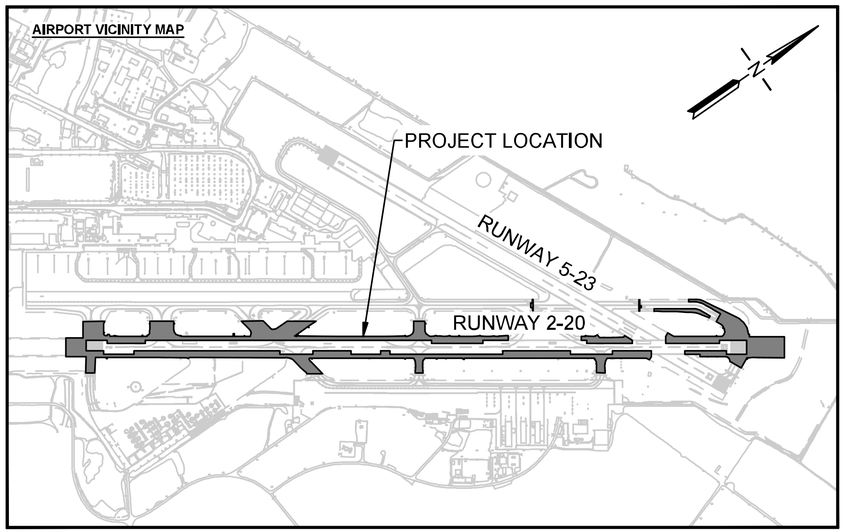
ELECTRICAL:
BILLY ORNELLAS
RONALD N. S. HO & ASSOCIATES, INC.
2153 N KING ST., STE 201
HONOLULU, HI 96819

BILLY J. ORNELLAS — LICENSED PROFESSIONAL ENGINEER — No. 11658-E — HAWAII, U.S.A.

I HEREBY CERTIFY THAT THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

BILLY ORNELLAS
ELECTRICAL ENGINEER
04/30/2028
EXPIRATION DATE

AIRPORT VICINITY MAP



DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII

APPROVED: For 06/03/2026

DIRECTOR OF TRANSPORTATION — DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA — PROFESSIONAL ENGINEER — No. 11106-C — HAWAII, U.S.A.

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Signature — 04/30/2028 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20
PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

COVER SHEET, VICINITY MAP, PROJECT TEAM

DATE : **08/10/2026**

SHEET : 1 OF 74 SHEETS

DWG. NO. **G-001**

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_001_G-001.DWG

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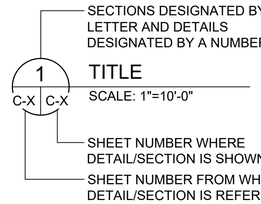
SHEET NUMBERING SCHEME

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

X-0
- SEQUENTIAL DRAWING NO.
- DISCIPLINE LETTER KEY

DISCIPLINE LETTER KEY

G	TITLE, GENERAL, GEOTECHNICAL
C	CIVIL
E	ELECTRICAL



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka — Signature — 04/30/2026 — Lic. Exp. Date

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

NO.	DATE	REVISIONS

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AUGUST 10, 2026
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PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

INDEX OF DRAWINGS

DATE : **08/10/2026**

SHEET : 2 OF 74 SHEETS

DWG. NO. **G-002**

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GENERAL NOTES

1. THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS AND ANY RULES, REGULATIONS, STANDARDS OR SPECIFICATIONS REFERENCED THEREIN. THE PROJECT IS SUBJECT TO INSPECTION BY REPRESENTATIVES OF THE HAWAII DEPARTMENT OF TRANSPORTATION AIRPORTS DIVISION (HDOT-A), THE FEDERAL AVIATION ADMINISTRATION (FAA) AND OTHER GOVERNING AGENCIES.
2. LIQUIDATED DAMAGES, AS STATED IN THE CONTRACT AND CONSTRUCTION DOCUMENTS, SHALL APPLY TO THIS PROJECT.
3. THIS PROJECT REQUIRES CONSTRUCTION ON OR NEAR ACTIVE AIRPORT FACILITIES. ALL CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED IN A MANNER ACCEPTABLE TO HDOT-A, AIRPORT OPERATIONS, AND THE FAA.
4. THE CONTRACTOR IS HEREBY NOTIFIED THAT THE FAA ASSESSES PENALTIES AND FINES FOR INCURSIONS INTO ANY PART OF THE AIRPORT THAT IS NOT OTHERWISE AUTHORIZED BY THE RPR AND AIRPORT OPERATIONS. ALL SUCH PENALTIES AND FINES RESULTING FROM CONTRACTOR'S OPERATIONS SHALL BE PAID FOR AT THE CONTRACTOR'S EXPENSE. REPEATED OFFENSES MAY RESULT IN INDIVIDUAL DISBARMENT OF THE CONTRACTOR'S PERSONNEL.
5. THE PRIME CONTRACTOR SHALL HAVE A JOB SUPERINTENDENT ON SITE AT ALL TIMES WHILE WORK IS IN PROGRESS.
6. ALL PERSONNEL SHALL CLEAR THE CONSTRUCTION AREA AT THE END OF THE WORK SHIFT. ALL MECHANICS NEEDING ACCESS TO THE AOA DURING EVENINGS AND WEEKENDS TO WORK ON CONSTRUCTION EQUIPMENT SHALL BE ESCORTED AND HAVE THEIR VEHICLES IDENTIFIED WITH THE CONTRACTOR'S NAME AND APPROPRIATE LIGHTING.
7. MAXIMUM CONSTRUCTION TRAFFIC SPEED ON AIRPORT PROPERTY SHALL BE 15 MPH.
8. THE CONTRACTOR SHALL PERFORM ALL CONSTRUCTION IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE APPROVED CONSTRUCTION SAFETY AND PHASING PLAN (CSPP). THE CONTRACTOR SHALL PREPARE A SAFETY PLAN COMPLIANCE DOCUMENT (SPCD) IN ACCORDANCE WITH FAA ADVISORY CIRCULAR AC-150/5370-2G "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION". THE SPCD SHALL DETAIL HOW THE CONTRACTOR WILL COMPLY WITH THE REQUIREMENTS OF THE APPROVED CSPP. THE SPCD SHALL BE APPROVED BY THE RPR PRIOR TO BEGINNING CONSTRUCTION.

CONTRACTOR'S GENERAL SECURITY AND OPERATIONAL REQUIREMENTS AND RESTRICTIONS

1. GENERAL INTENT: IT IS INTENDED THAT THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE AIRPORT SECURITY PLAN AND WITH THE SECURITY REQUIREMENTS SPECIFIED HEREIN. THE CONTRACTOR SHALL DESIGNATE TO THE CONSTRUCTION MANAGER AND AIRPORT OPERATIONS THE NAME OF ITS "CONTRACTOR SECURITY OFFICER" (CSO). THE CSO SHALL REPRESENT THE CONTRACTOR ON THE SECURITY REQUIREMENTS FOR THE CONTRACT. CSO SHALL BE ON SITE AT ALL TIMES DURING WORKING HOURS.
2. CONTRACTOR PERSONNEL SECURITY ORIENTATION: THE CSO SHALL BE RESPONSIBLE FOR BRIEFING ALL CONTRACTOR PERSONNEL ON AIRPORT SECURITY REQUIREMENTS AND OTHER SECURITY PROVISIONS. ALL NEW CONTRACTOR EMPLOYEES SHALL BE BRIEFED ON THESE REQUIREMENTS PRIOR TO WORKING IN THE CONSTRUCTION AREA.
3. ALL CONTRACTOR PERSONNEL ENTERING THE AOA MUST BE PROPERLY BADGED PER THE PROJECT SPECIFICATIONS.
4. THE CONTRACTOR'S CSO WILL BE RESPONSIBLE FOR ALL OPERATIONAL PRECAUTIONS. PRIOR TO THE COMMENCEMENT OF THE WORK THE CSO SHALL PROVIDE THE RPR AND AIRPORT OPERATIONS AN OUTLINE OF A PROPOSED ACCIDENT AND FIRE PROTECTION PLAN FOR ALL WORK CONTEMPLATED UNDER THE CONTRACT AND CONDUCT AT LEAST ONE SAFETY MEETING EACH WEEK FOR EACH SHIFT AND REQUIRE THE ATTENDANCE OF ALL SUPERVISORS AT SUCH MEETINGS. COPIES OF THE MINUTES OF SAFETY MEETINGS SHALL BE KEPT ON FILE IN THE CONTRACTOR'S FIELD OFFICE AND MADE AVAILABLE UPON REQUEST TO THE RPR OR AIRPORT OPERATIONS.

CONTRACTOR ACCESS, STORAGE AREAS, AND HAUL ROUTES

1. LOCATION OF HAUL ROUTES AND STAGING AREAS AS SHOWN ON THE CONSTRUCTION PHASING PLANS ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE EXACT LOCATIONS IN THE FIELD WITH THE RPR AND AIRPORT OPERATIONS, AND TO COORDINATE OFF-SITE HAUL ROUTES (STATE HIGHWAYS OR CITY AND COUNTY ROADS) WITH THE APPROPRIATE OWNER HAVING JURISDICTION. ALL HAUL ROUTES AND STAGING AREAS SHALL BE MAINTAINED BY THE CONTRACTOR AND SHALL BE RESTORED TO THEIR ORIGINAL CONDITION UPON COMPLETION OF BEING USED AS A HAUL ROUTE. THE BEFORE AND AFTER CONDITION OF ON-SITE HAUL ROUTES AND STAGING AREAS SHALL BE JOINTLY INSPECTED AND DOCUMENTED BY THE CONTRACTOR, THE RPR, AND AIRPORT OPERATIONS. THE BEFORE AND AFTER CONDITION OF OFF-SITE HAUL ROUTES SHALL BE JOINTLY INSPECTED BY THE CONTRACTOR AND THE OWNER HAVING JURISDICTION. THE CONTRACTOR SHALL PROVIDE A VIDEO TAPE OR DIGITAL PICTURES OF ALL HAUL ROUTES AND STAGING AREAS BEFORE START OF WORK AND UPON COMPLETION. FENCING, DRAINAGE, SEDIMENT CONTROL, GRADING AND OTHER MISCELLANEOUS CONSTRUCTION REQUIRED TO CONSTRUCT TEMPORARY HAUL ROUTES OR ACCESS POINTS ON THE AIRPORT WILL BE THE CONTRACTOR'S TOTAL RESPONSIBILITY AND SHALL BE APPROVED BY THE RPR AND AIRPORT OPERATIONS PRIOR TO THE WORK. ALL ON-SITE ACCESS ROADS TO AIRPORT FACILITIES SHALL REMAIN OPEN AND MAINTAINED AT ALL TIMES.
2. THE CONTRACTOR SHALL ONLY USE THE HAUL ROUTES APPROVED BY THE RPR AND AIRPORT OPERATIONS AND AS SHOWN ON THE CONSTRUCTION PHASING AND BARRICADE PLANS. THE HAUL TRUCKS MUST BE COVERED AT ALL TIMES. THE CONTRACTOR SHALL CONTINUOUSLY CLEAN THE HAUL ROUTE WITH A POWER VACUUM DURING WORKING HOURS. FAILURE TO MAINTAIN THE HAUL ROUTE IN AN MANNER ACCEPTABLE TO THE RPR AND AIRPORT OPERATIONS WILL RESULT IN SUSPENSION OF WORK. IN THE EVENT THAT ANY FOREIGN OBJECT, SPILLAGE, DEBRIS OR DUST BUILDS UP AS A RESULT OF HAULING, THE CONTRACTOR SHALL BE REQUIRED TO IMMEDIATELY CLEAN AND REMOVE THE MATERIAL.
3. WHEN NOT IN USE, ALL MATERIALS AND EQUIPMENT SHALL BE STORED IN THE CONTRACTOR'S STAGING AREA. ANY OTHER AREAS TO BE USED FOR STORAGE MUST BE APPROVED BY THE RPR AND AIRPORT OPERATIONS. EQUIPMENT AND STOCKPILED MATERIAL SHALL BE CONSTRAINED IN A MANNER ACCEPTABLE TO THE RPR AND AIRPORT OPERATIONS.
4. THE CONTRACTOR'S ACCESS POINTS TO THE SITE SHALL BE AS SHOWN ON THE CONSTRUCTION PHASING AND BARRICADE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN AIRPORT SECURITY FOR ALL VEHICLES AND PERSONNEL WHO ENTER AIRPORT PROPERTY.
5. ON-SITE EMPLOYEE PARKING SHALL BE ADDRESSED AT THE PRECONSTRUCTION CONFERENCE.
6. ALL CONTRACTOR'S VEHICLES SHALL BE IN GOOD WORKING ORDER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING VEHICLE ACCESS TO THE AIRPORT WITH THE RPR AND AIRPORT OPERATIONS.
7. ALL CONTRACTOR VEHICLES/EQUIPMENT THAT ARE AUTHORIZED TO OPERATE ON THE AIRPORT'S AOA SHALL DISPLAY IN FULL VIEW ABOVE THE VEHICLE/EQUIPMENT A FLAG/LIGHT FOR DAYTIME AND A LIGHT FOR NIGHTTIME. THE FLAG SHALL BE A 3'x3' (MIN.) ORANGE AND WHITE CHECKER BOARD FLAG. EACH CHECKER BOARD COLOR BEING ONE SQUARE FOOT. ANY VEHICLE OPERATING ON THE AOA SHALL ALSO BE EQUIPPED WITH A FLASHING AMBER (YELLOW) DOME TYPE LIGHT, MOUNTED ON TOP OF THE VEHICLE AND OF SUCH INTENSITY TO CONFORM TO LOCAL AND FEDERAL CODES FOR MAINTENANCE AND EMERGENCY VEHICLES (DAY OR NIGHT OPERATIONS).
8. THE CONTRACTOR SHALL FURNISH ALL ESCORTS, FLAGGERS,TRAFFIC CONTROL DEVICES, AND COMMUNICATION DEVICES SPECIFIED IN THE AIRPORTS DIVISION SPECIAL PROVISIONS AND THE SPECIFICATIONS.
9. THE CONTRACTOR'S ESCORTS SHALL CONTINUOUSLY MONITOR RADIO FREQUENCY AS INDICATED IN THE APPROVED CSPP.
10. BEFORE STARTING EACH WORK SHIFT, THE CONTRACTOR SHALL SET UP ALL AOA TRAFFIC CONTROL DEVICES AS SHOWN ON THE PHASING PLANS. SET-UP SHALL BE IN THE ORDER REQUIRED BY THE CONTRACT OR AS DIRECTED BY AIRPORT OPERATIONS. THE CONTRACTOR SHALL TAKE DOWN ALL AOA TRAFFIC CONTROL DEVICES IN THE REVERSE ORDER.

UNDERGROUND UTILITIES

1. THE CONTRACTOR SHALL LOCATE AND IDENTIFY ALL UNDERGROUND UTILITIES IN THE WORK AREA PRIOR TO CONSTRUCTION. ANY UNDERGROUND UTILITIES LOCATED WHICH DO NOT APPEAR ON THE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE RPR AND AIRPORT OPERATIONS. ANY DAMAGE TO UTILITIES, CAUSED BY THE CONTRACTOR, SHALL BE REPAIRED AT THE CONTRACTOR'S SOLE EXPENSE.
2. UNLESS OTHERWISE SHOWN ON THE PLANS, THE CONTRACTOR SHALL PROTECT EXISTING AIRFIELD LIGHTING SYSTEMS, FAA NAVAIDS, WEATHER EQUIPMENT, AND OTHER AIRPORT FACILITIES DURING CONSTRUCTION OPERATIONS. ANY DAMAGE TO THESE FACILITIES OR UNDERGROUND CABLES SERVING THESE FACILITIES SHALL BE REPAIRED BY THE CONTRACTOR AS DIRECTED BY THE RPR, AIRPORT OPERATIONS, AND/OR THE FAA. ALL REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE WHETHER PERFORMED BY CONTRACTOR PERSONNEL OR BY OTHERS.
3. THE CONTRACTOR SHALL NOTIFY, AT LEAST TWO WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION OPERATIONS IN AN AREA WHICH MAY INVOLVE UNDERGROUND UTILITY FACILITIES, THE RPR AND AIRPORT OPERATIONS AND THE OWNER OF EACH UNDERGROUND UTILITY FACILITY SHOWN ON THE PLANS.
4. THE CONTRACTOR SHALL REPORT IMMEDIATELY TO THE RPR, AIRPORT OPERATIONS, AND THE OPERATOR OF THE UNDERGROUND FACILITY ANY BREAK OR LEAK ON ITS LINES OR ANY DENT, GOUGE, GROVE OR OTHER DAMAGE TO SUCH LINES OR THEIR COATING OR CATHODIC PROTECTION, MADE OR DISCOVERED IN THE COURSE OF THEIR EXCAVATION.
5. ALL REQUIRED TEMPORARY UTILITIES INCLUDING POWER, WATER, AND SEWER FOR THE CONTRACTOR'S STAGING AREA SHALL BE ARRANGED AND PAID FOR BY THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE ALL POLES, LINES, PIPES, METERS, ETC. TO BRING THE SERVICE FROM EXISTING SOURCES TO THE AREA. ALL TEMPORARY UTILITY ARRANGEMENTS SHALL BE SUBJECT TO THE APPROVAL OF THE RPR AND AIRPORT OPERATIONS. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL HAVE ALL UTILITIES DISCONNECTED AND SHALL REMOVE ALL POLES, PIPES, METERS, ETC. AND RESTORE THE AREAS TO THEIR PREVIOUS CONDITION.
6. FOR ALL ITEMS REQUIRING THE USE OF WATER, THE CONTRACT UNIT PRICE BID FOR THE RESPECTIVE ITEM SHALL INCLUDE THE COST OF FURNISHING THE WATER.
7. ANY UTILITIES DAMAGED OR BROKEN BY THE CONTRACTOR WILL BE REPAIRED AND PUT BACK INTO WORKING ORDER IN A MANNER ACCEPTABLE TO THE OWNER OF THE AFFECTED UTILITY BY THE CONTRACTOR AT ITS EXPENSE.

CONTACT INFORMATION

HAWAII DOT-A PROJECT MANAGER: ROGER ROSS, 808-895-2954

AIRPORT MANAGER: MARVIN MONIZ, 808-872-3830

ABBREVIATION

AC	ADVISORY CIRCULAR
AC	ASPHALT CONCRETE
ADG	AIRPLANE DESIGN GROUP
AOA	AIRPORT OPERATIONS AREA
APPD	APPROVED
ARFF	AIRCRAFT RESCUE AND FIREFIGHTING
ASDA	ACCELERATE STOP DISTANCE AVAILABLE
BLDG	BUILDING
BMP	BEST MANAGEMENT PRACTICE
CHKD	CHECKED
CL	CENTER LINE
CMS	CONTENT MANAGEMENT SYSTEM
CSO	CONTRACTOR SECURITY OFFICER
CSPP	CONSTRUCTION SAFETY AND PHASING PLAN
CY	CUBIC YARD
DEMO	DEMOLITION
DET	DETAIL
DIA	DIAMETER
DME	DISTANCE MEASURING EQUIPMENT
DOH	DEPARTMENT OF HEALTH
DOT	DEPARTMENT OF TRANSPORTATION
DRWN	DRAWN
DSNG	DESIGN
DWG	DRAWING(S)
E	EAST
EE	ENVIRONMENTAL ENGINEERING
ETC	ET CETERA
EX	EXISTING
FAA	FEDERAL AVIATION ADMINISTRATION
FS	COMPOST FILTER SOCK
GS	GLIDE SLOPE
HARS	HIGH ALTITUDE ROUTE SYSTEM
HDOT(-A)	HAWAII DEPARTMENT OF TRANSPORTATION (AIRPORT DIVISION)
L	LEFT
LDA	LANDING DISTANCE AVAILABLE
LOC	LOCALIZER
MALSR	MEDIUM APPROACH LIGHT SYSTEM WITH RUNWAY ALIGNMENT INDICATOR LIGHTS
MAX	MAXIMUM
MIN	MINIMUM

ABBREVIATION

MPH	MILES PER HOUR
N	NORTH
NAVAID	NAVIGATIONAL AID
NO	NUMBER
NOTAM	NOTICE TO AIRMEN
NPDES	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
NTS	NOT TO SCALE
OFF	OFFSET
OGG	KAHULUI AIRPORT
OTS	OUT OF SERVICE
PAPI	PRECISION APPROACH PATH INDICATOR
RAP	RECLAIMED ASPHALT PAVEMENT
ROFA	RUNWAY OBJECT FREE AREA
ROFZ	RUNWAY OBJECT FREE ZONE
RPM	RESIDENT PROJECT MANAGER
RPR	RESIDENT PROJECT REPRESENTATIVE
RSA	RUNWAY SAFETY AREA
R	RIGHT
RW, RWY	RUNWAY
SPCD	SAFETY PLAN COMPLIANCE DOCUMENT
SPEC(S)	SPECIFICATIONS
SPMS	SECTOR MAINTENANCE PROCESSOR SUBSYSTEM
STA	STATION
SWMPP	STORMWATER MANAGEMENT PROGRAM PLAN
TBD	TO BE DETERMINED
TEMP	TEMPORARY
TL	TAXILANE
TODA	TAKEOFF DISTANCE AVAILABLE
TOFA	TAXIWAY OBJEXT FREE AREA
TORA	TAKE OFF RUN AVAILABLE
TSA	TAXIWAY SAFETY AREA
TW, TWY	TAXIWAY
TYP	TYPICAL
UG	UNDERGROUND
VAR	VARIES
VFR	VISUAL FLIGHT RULE
VSR	VEHICLE SERVICE ROAD
@	AT

AIRCRAFT SAFETY AREA WIDTHS

RWY/TWY	ADG	TDG	RSA/TSA	ROFA/TOFA
RWY 2-20	V	5	500'	800'
TWY A, B, D, G, K	V	5	214'	285'
TWY C, E, F (WEST OF 2-20)	V	5	214'	285'
TWY C, E, F (EAST OF 2-20)	III	3	118'	171'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka — Signature — 04/30/2026 — Lic. Exp. Date

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GKT	AY	BWN	BWN

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20
PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

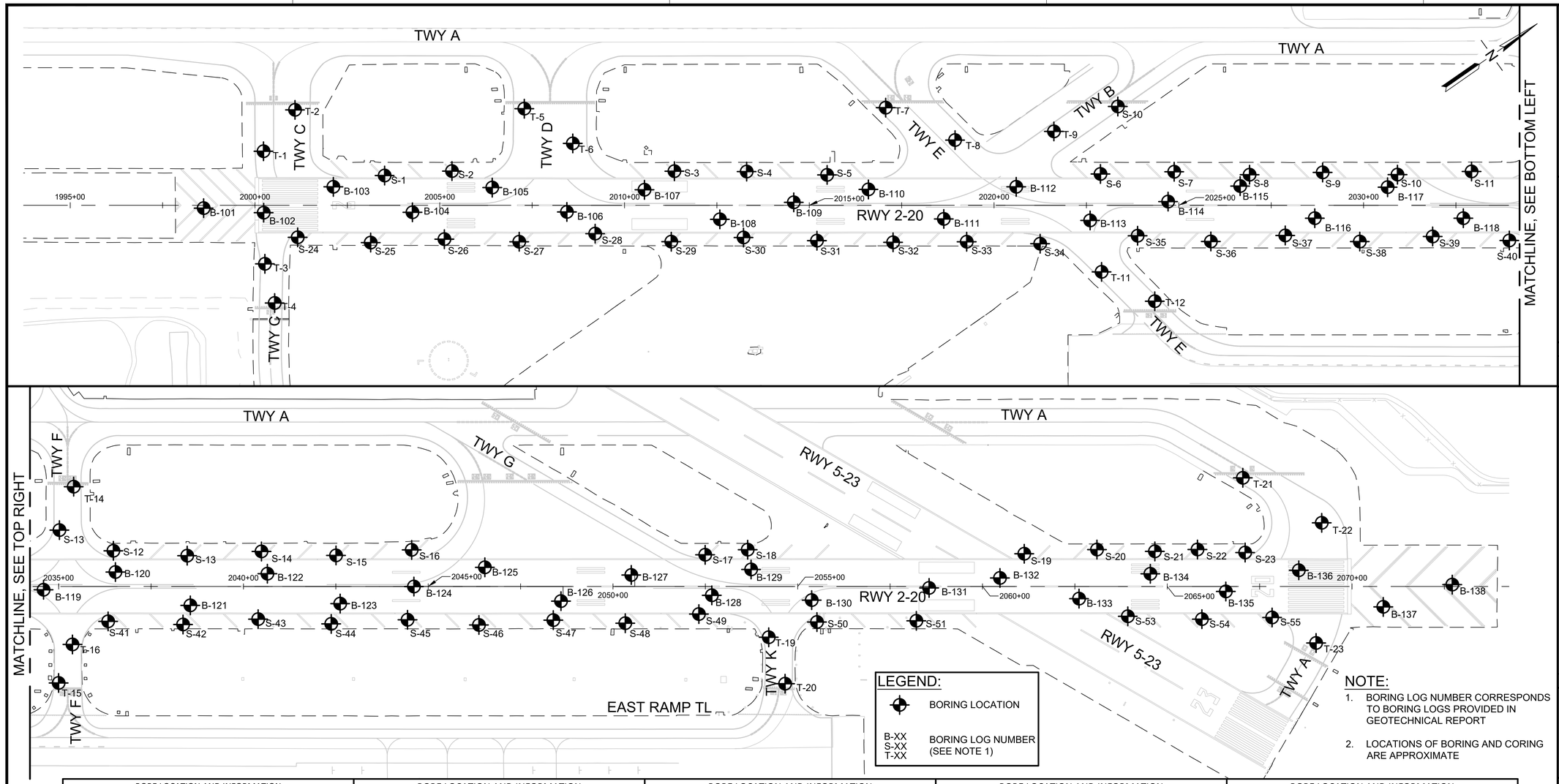
SHEET TITLE:

NOTES AND ABBREVIATIONS

DATE :
08/10/2026
SHEET :
3 OF 74 SHEETS

DWG. NO.
G-003

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_003_G-003.DWG



LEGEND:

- BORING LOCATION
- B-XX / S-XX / T-XX — BORING LOG NUMBER (SEE NOTE 1)

NOTE:

1. BORING LOG NUMBER CORRESPONDS TO BORING LOGS PROVIDED IN GEOTECHNICAL REPORT
2. LOCATIONS OF BORING AND CORING ARE APPROXIMATE

BORE LOCATION AND INFORMATION		
BORE NUMBER	STATION / OFFSET	AC THICKNESS
B-101	1998+61 / 8' R	10
B-102	2000+23 / 20' R	18
B-103	2002+12 / 50' L	18
B-104	2004+26 / 19' R	18
B-105	2006+42 / 48' L	19
B-106	2008+44 / 18' R	15
B-107	2010+54 / 42' L	17
B-108	2012+58 / 38' R	16
B-109	2014+58 / 8' L	18
B-110	2016+60 / 43' L	18
B-111	2018+64 / 37' R	20
B-112	2020+60 / 50' L	18
B-113	2022+60 / 41' R	14
B-114	2024+71 / 10' L	21
B-115	2026+66 / 52' L	18
B-116	2028+68 / 35' R	18
B-117	2030+65 / 49' L	18
B-118	2032+70 / 35' R	17
B-119	2034+72 / 11' L	17.5
B-120	2036+60 / 49' L	18
B-121	2038+63 / 41' R	16
B-122	2040+71 / 42' L	18
B-123	2042+67 / 39' R	16

BORE LOCATION AND INFORMATION		
BORE NUMBER	STATION / OFFSET	AC THICKNESS
B-124	2044+66 / 8' L	18
B-125	2046+59 / 60' L	18
B-126	2048+65 / 29' R	16
B-127	2050+59 / 42' L	18.5
B-128	2052+64 / 20' R	14
B-129	2053+68 / 47' L	14
B-130	2055+53 / 30' R	15
B-131	2058+64 / 7' L	16
B-132	2060+56 / 31' L	18
B-133	2062+65 / 25' R	16
B-134	2064+63 / 40' L	18
B-135	2066+65 / 8' R	17
B-136	2068+62 / 48' L	18
B-137	2070+85 / 55' R	2
B-138	2072+71 / 5' L	14
S-1	2003+51 / 81' L	9
S-2	2005+33 / 93' L	5
S-3	2011+35/ 92' R	6
S-4	2013+31 / 91' L	8
S-5	2015+48 / 82' L	10
S-6	2022+88 / 85' L	12
S-7	2024+88 / 91' L	7
S-8	2026+92 / 83' L	12

BORE LOCATION AND INFORMATION		
BORE NUMBER	STATION / OFFSET	AC THICKNESS
S-9	2028+89 / 89' L	6.5
S-10	2030+92 / 83' L	13
S-11	2032+92 / 92' L	15
S-12	2036+48 / 97' L	4
S-13	2038+48 / 83' L	12
S-14	2040+49 / 95' L	7
S-15	2042+50 / 84' L	13
S-16	2044+55 / 99' L	6
S-17	2052+49 / 86' L	10
S-18	2053+64 / 100' L	6
S-19	2061+13 / 89' L	10
S-20	2063+10 / 100' L	6
S-21	2064+66 / 95' L	6
S-22	2065+82 / 100' L	6
S-23	2067+11 / 92' L	10
S-24	2001+15 / 87' R	4
S-25	2003+13 / 101' R	4
S-26	2005+12 / 92' R	6
S-27	2007+15 / 99' R	4
S-28	2009+21 / 77' R	6
S-29	2011+26 / 99' R	1.5
S-30	2013+22 / 87' R	3.5
S-31	2015+21 / 96' R	5

BORE LOCATION AND INFORMATION		
BORE NUMBER	STATION / OFFSET	AC THICKNESS
S-32	2017+27 / 100' R	4
S-33	2019+26 / 99' R	14
S-34	2021+25 / 104' R	2
S-35	2023+88 / 83' R	10.5
S-36	2025+87 / 99' R	6
S-37	2027+88 / 82' R	12
S-38	2029+90 / 98' R	6
S-39	2031+87 / 84' R	6
S-40	2033+95 / 95' R	4.5
S-41	2036+34 / 95' R	3.5
S-42	2038+36 / 103' R	3.5
S-43	2040+40 / 88' R	5
S-44	2042+37 / 101' R	4
S-45	2044+44 / 90' R	4
S-46	2046+37 / 104' R	3
S-47	2048+38 / 91' R	5
S-48	2050+33 / 100' R	4
S-49	2052+32 / 75' R	11
S-50	2055+52 / 96' R	4.5
S-51	2058+21 / 93' R	5
S-53	2063+93 / 81' R	8
S-54	2065+94 / 89' R	5
S-55	2067+84 / 84' R	7

BORE LOCATION AND INFORMATION		
BORE NUMBER	STATION / OFFSET	AC THICKNESS
T-1	2000+23 / 146' L	14
T-2	2001+08 / 258' L	14
T-3	2000+27 / 158' R	5
T-4	2000+53 / 265' R	2
T-5	2007+29 / 262' L	12
T-6	2008+60 / 168' L	12
T-7	2017+07 / 264' L	11
T-8	2018+94 / 177' L	11
T-9	2021+62 / 200' L	8
T-10	2023+35 / 268' L	8
T-11	2022+91 / 180' R	8
T-12	2024+35 / 260' R	8
T-13	2035+02 / 153' L	10
T-14	2035+40 / 270' L	11
T-15	2034+99 / 261' R	5
T-16	2035+37 / 157' R	4
T-19	2054+22 / 138' R	5
T-20	2054+66 / 263' R	5
T-21	2067+05 / 294' L	14
T-22	2069+18 / 172' L	12
T-23	2069+03 / 153' R	10

150' 0 150' 300'
SCALE: 1" = 150'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka — 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

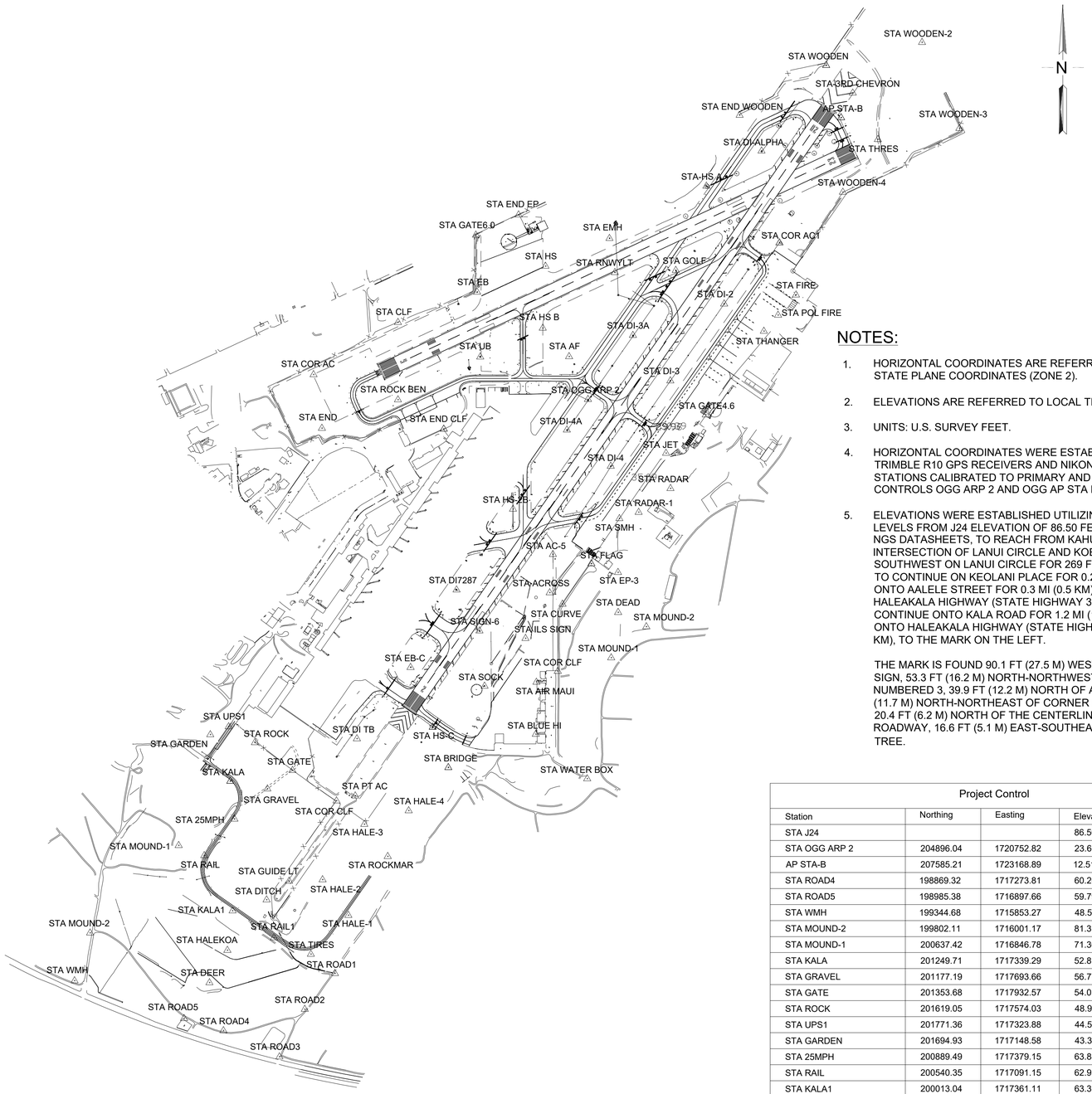
BORING LOCATION PLAN

DATE : **08/10/2026**

SHEET : 4 OF 74 SHEETS

DWG. NO. **G-101**

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25_004_G-101.DWG



NOTES:

1. HORIZONTAL COORDINATES ARE REFERRED TO NAD83 (PA11) STATE PLANE COORDINATES (ZONE 2).
2. ELEVATIONS ARE REFERRED TO LOCAL TIDE.
3. UNITS: U.S. SURVEY FEET.
4. HORIZONTAL COORDINATES WERE ESTABLISHED USING RTK TRIMBLE R10 GPS RECEIVERS AND NIKON AND TRIMBLE TOTAL STATIONS CALIBRATED TO PRIMARY AND SECONDARY AIRPORT CONTROLS OGG ARP 2 AND OGG AP STA B, RESPECTIVELY.
5. ELEVATIONS WERE ESTABLISHED UTILIZING SOKKIA DIGITAL LEVELS FROM J24 ELEVATION OF 86.50 FEET. AS DESCRIBED BY NGS DATASHEETS, TO REACH FROM KAHULUI AIRPORT, ON THE INTERSECTION OF LANUI CIRCLE AND KOEHEKE STREET, HEAD SOUTHWEST ON LANUI CIRCLE FOR 269 FT (82.0 M), KEEP RIGHT TO CONTINUE ON KEOLANI PLACE FOR 0.2 MI (0.3 KM). TURN LEFT ONTO AALELE STREET FOR 0.3 MI (0.5 KM). TURN LEFT ONTO HALEAKALA HIGHWAY (STATE HIGHWAY 36A) FOR 0.1 MI (0.2 KM). CONTINUE ONTO KALA ROAD FOR 1.2 MI (1.9 KM). TURN RIGHT ONTO HALEAKALA HIGHWAY (STATE HIGHWAY 37) FOR 0.3 MI (0.5 KM), TO THE MARK ON THE LEFT.

THE MARK IS FOUND 90.1 FT (27.5 M) WEST OF A SPEED LIMIT 30 SIGN, 53.3 FT (16.2 M) NORTH-NORTHWEST OF A UTILITY POLE NUMBERED 3, 39.9 FT (12.2 M) NORTH OF A ROAD SIGN, 38.3 FT (11.7 M) NORTH-NORTHEAST OF CORNER FOR BRIDGE ABUTMENT, 20.4 FT (6.2 M) NORTH OF THE CENTERLINE FOR ASPHALT ROADWAY, 16.6 FT (5.1 M) EAST-SOUTHEAST OF A MONKEY POD TREE.

Project Control

Station	Northing	Easting	Elevation	Mark
STA J24			86.50	Disk
STA OGG ARP 2	204896.04	1720752.82	23.66	Disk
AP STA-B	207585.21	1723168.89	12.51	Disk
STA ROAD4	198869.32	1717273.81	60.20	60d Nail
STA ROAD5	198985.38	1716897.66	59.79	60d Nail
STA WMH	199344.68	1715853.27	48.53	60d Nail
STA MOUND-2	199802.11	1716001.17	81.31	1/2" Pipe
STA MOUND-1	200637.42	1716846.78	71.30	1/2" Pipe
STA KALA	201249.71	1717339.29	52.81	1/2" Pipe
STA GRAVEL	201177.19	1717693.66	56.77	60d Nail
STA GATE	201353.68	1717932.57	54.01	60d Nail
STA ROCK	201619.05	1717574.03	48.94	Mag Nail
STA UPS1	201771.36	1717323.88	44.55	60d Nail
STA GARDEN	201694.93	1717148.58	43.31	60d Nail
STA 25MPH	200889.49	1717379.15	63.88	60d Nail
STA RAIL	200540.35	1717091.15	62.93	60d Nail
STA KALA1	200013.04	1717361.11	63.31	Railroad Spike
STA HALEKOA	199636.28	1717311.77	57.42	1/2" Pipe
STA DEER	199326.70	1717140.50	65.45	60d Nail
STA RAIL	199755.70	1717756.05	72.91	Railroad Spike
STA HALE-2	200309.74	1718220.25	69.90	60d Nail
STA HALE-3	200838.64	1718618.63	68.65	60d Nail
STA DITCH	200118.46	1717685.68	69.28	60d Nail

Project Control

Station	Northing	Easting	Elevation	Mark
STA CLF	205630.81	1718939.51	22.77	1/2" Pipe
STA COR AC	205131.90	1718134.22	14.25	Mag Nail
STA END	204620.59	1718213.88	27.39	Cross Cut
STA ROCK BEN	204892.00	1718939.67	30.63	60d Nail
STA UB	205301.59	1719724.83	17.90	Cross Cut
STA HS	206167.27	1720347.43	13.00	1/2" Pipe
STA EMH	206433.68	1720958.28	12.39	Cross Cut
STA END EP	206656.98	1720090.49	8.05	Mag Nail
STA GATE6.0	206465.27	1719683.12	6.66	Mag Nail
STA EB	205920.62	1719695.23	12.73	Cross Cut
STA END CLF	204612.42	1719376.85	28.09	Mag Nail
STA KALA	201249.72	1717339.29	52.81	1/2" Pipe
STA RADAR	204044.94	1721540.60	67.75	1/2" Pipe
STA HS B	205575.72	1720321.46	19.65	Mag Nail
STA RNWYLT	206107.63	1721009.53	16.71	Mag Nail
STA DI-4	204258.09	1720970.03	29.62	Cross Cut
STA DI-4A	204604.31	1720551.57	26.95	Cross Cut
STA HS-2B	203847.91	1720037.38	37.24	Mag Nail
STA DI7827	203077.12	1719498.84	41.04	Cross Cut
STA EB-C	202336.67	1719059.85	48.10	Cross Cut
STA DI TB	201655.84	1718547.84	53.50	1/2" Pipe
STA COR CLF	201063.07	1718353.31	62.54	1/2" Pipe
STA GUIDE LT	200297.13	1717900.87	70.56	Cross Cut
STA PT AC	201110.36	1718531.59	62.96	Mag Nail
STA HS-C	201766.34	1719271.57	54.06	Cross Cut
STA SIGN-6	202686.22	1719717.50	47.39	60d Nail
STA AC-5	203416.46	1720418.32	42.40	60d Nail
STA AF	205304.58	1720572.90	20.56	1/2" Pipe
STA RADAR-1	203818.22	1721236.50	68.89	1/2" Pipe
STA MOUND-2	202724.61	1721309.95	81.24	1/2" Pipe
STA MOUND-1	202428.61	1720974.80	71.23	1/2" Pipe
STA DEAD	202861.92	1721040.75	65.15	60d Nail
STA EP-3	203244.27	1721039.69	46.79	60d Nail
STA FLAG	203327.05	1720785.16	58.38	Mag Nail
STA END CLF	204612.47	1719376.85	28.09	Mag Nail
STA BRIDGE	201381.52	1719420.13	43.91	Mag Nail
STA WATER BOX	201273.95	1720745.89	68.36	Cross Cut
STA DI-3A	205507.32	1721181.90	18.08	Cross Cut
STA DI -3	205072.73	1721539.10	21.85	Cross Cut
STA GOLF	206127.91	1721591.13	16.54	Cross Cut
STA DI-2	205807.29	1722052.80	17.34	Cross Cut
STA COR AC1	206389.98	1722580.71	19.28	Mag Nail
STA WOODEN	208083.83	1723026.38	7.00	60d Nail
STA THRES	207377.26	1723519.90	12.65	Mag Nail
STA SOCK	202157.99	1719766.04	49.56	Cross Cut
STA ILS SIGN	202614.12	1720156.36	48.56	Mag Nail
STA END WOODEN	207608.27	1722200.20	6.07	Mag Nail
STA WOODEN	208083.88	1723026.36	7.00	60d Nail
STA WOODEN-2	208304.33	1723941.34	15.17	60d Nail
STA WOODEN-3	207483.59	1724297.51	30.09	60d Nail
STA WOODEN-4	206874.53	1723185.94	25.06	60d Nail
STA COR AC-1	206389.96	1722580.73	19.28	Mag Nail
STA FIRE	205892.74	1722738.41	26.13	Cross Cut
STA POL FIRE	205700.00	1722567.35	25.08	Mag Nail
STA THANGER	205547.13	1722431.67	26.62	60d Nail
STA GATE4.6	204748.37	1722431.71	33.87	Cross Cut
STA JET	204382.41	1721498.06	35.11	Mag Nail
STA SMH	203757.89	1721053.05	39.72	Cross Cut
STA ACROSS BOLLARD	203050.25	1720387.52	46.64	Mag Nail
STA AIR MAUI MAG	202195.86	1720261.22	53.00	Mag Nail
STA BLUE HI MAG	201699.38	1720254.77	56.85	Mag Nail
STA HS-C	201766.34	1719271.55	54.06	Cross Cut
STA DI-ALPHA	207267.37	1722409.67	10.33	Cross Cut
STA-3RD CHEVRON	207821.16	1723280.17	9.95	
STA-HS A	206932.17	1721883.01	12.63	
STA FLAG	203327.06	1720785.17	58.38	Mag Nail
STA CURVE	202940.72	1720510.08	59.62	60d Nail
STA COR CLF	202300.10	1720464.95	57.15	60d Nail
STA BRIDGE	201381.54	1719420.13	43.91	Mag Nail
STA HALE4	200968.86	1719041.75	56.07	Railroad Spike
STA ROCKMAR	200532.01	1718841.74	59.08	Mag Nail
STA HALE-1	199073.14	1718466.36	67.25	60d Nail
STA TIRES	199599.28	1718108.41	70.03	60d Nail
STA ROAD1	199414.61	1718338.10	71.96	60d Nail
STA ROAD2	199073.14	1718050.18	64.73	1/2" Pipe
STA ROAD3	198618.80	1717808.33	62.73	60d Nail

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
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HAWAII, U.S.A.

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Brent Nakaoka — 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

SURVEY CONTROL PLAN

DATE : **08/10/2026**

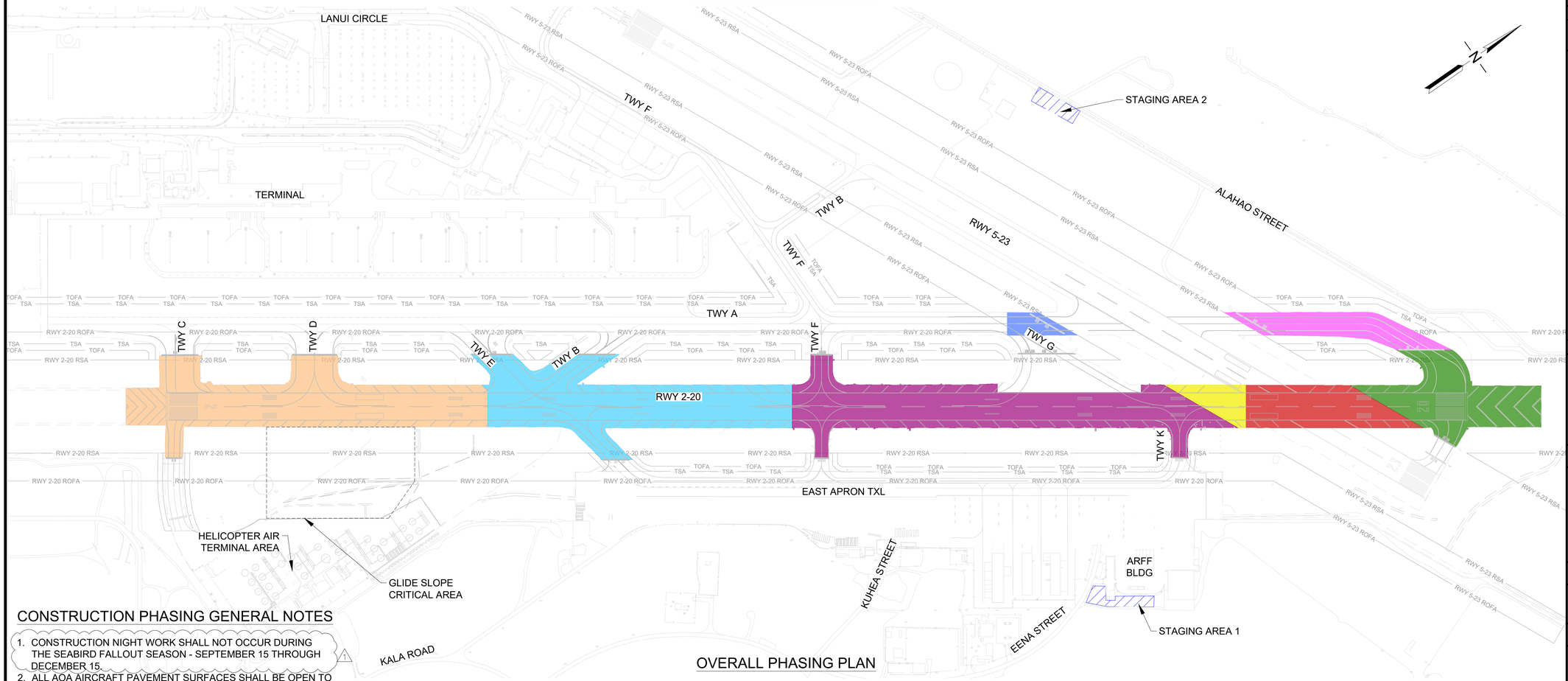
SHEET : 5 OF 74 SHEETS

DWG. NO. **G-102**

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25_005_G-102.DWG

Phase	Schedule Requirement	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23
		S S M T W TH F	S S M T W TH F	S S M T W TH F	S S M T W TH F	S S M T W TH F	S S M T W TH F	S S M T W TH F	S S M T W TH F	S S M T W TH F	S S M T W TH F	S S M T W TH F	S S M T W TH F	S S M T W TH F	S S M T W TH F	S S M T W TH F	S S M T W TH F	S S M T W TH F	S S M T W TH F	S S M T W TH F	S S M T W TH F	S S M T W TH F	S S M T W TH F	S S M T W TH F
1A	26 Calendar Days																							
1B	3 Calendar Days																							
2A	23 Calendar Days																							
2B	3 Calendar Days																							
3A	31 Calendar Days																							
3B	3 Calendar Days																							
4A	5 Sunday Shifts																							
4B	1 Sunday Shifts																							
5A	12 Calendar Days																							
5B	2 Calendar Days																							
6A	16 Calendar Days																							
6B	2 Calendar Days																							
7	20 Calendar Days																							
8	10 Calendar Days																							

CONSTRUCTION TIMELINE



OVERALL PHASING PLAN

CONSTRUCTION PHASING GENERAL NOTES

1. CONSTRUCTION NIGHT WORK SHALL NOT OCCUR DURING THE SEABIRD FALLOUT SEASON - SEPTEMBER 15 THROUGH DECEMBER 15.
2. ALL AOA AIRCRAFT PAVEMENT SURFACES SHALL BE OPEN TO AIRCRAFT OPERATIONS AT ALL TIMES OTHER THAN DESIGNATED CLOSURES
3. THE CONTRACTOR SHALL NOTE THAT DELAYS FROM AIRCRAFT MOVEMENT SHOULD BE EXPECTED
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEPLOYING , MAINTAINING AND REMOVING THE LIGHTED "X" RUNWAY CLOSURE MARKER IN ACCORDANCE WITH THE CONSTRUCTION PHASING PLANS
5. THE CONTRACTOR SHALL BE LIMITED TO A TOTAL NIGHTLY ASPHALT PRODUCTION OF 400 TONS TO DEMONSTRATE THAT THE RUNWAY CAN BE OPENED BY 0630. ONCE THE CONTRACTOR HAS DEMONSTRATED THEY CAN OPEN THE RUNWAY AT 0630, THE RPR WILL DETERMINE IF PRODUCTION RATES CAN BE INCREASED.
6. MILLED AREA SHALL BE REPAVED ON THE SAME SHIFT THEY ARE MILLED
7. PAVEMENT MARKINGS (1/2 APPLICATION, SEE SPECS.) SHALL BE APPLIED ON THE SAME SHIFT THEY ARE REMOVED
8. MAINTAIN ARFF ACCESS AT ALL TIMES
9. NO INCURSION WITHIN THE GLIDE SLOPE CRITICAL AREA SHALL OCCUR AT ANY TIME.
10. 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.

LEGEND:

- PHASE 1A/ PHASE 1B
- PHASE 2A/ PHASE 2B
- PHASE 3A/ PHASE 3B
- PHASE 4A/ PHASE 4B
- PHASE 5A/ PHASE 5B
- PHASE 6A/ PHASE 6B
- PHASE 7
- PHASE 8
- CONTRACTOR STAGING AREA

300' 0 300' 600'
SCALE: 1" = 300'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

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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
1	08/10/26	ADDENDUM #1

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

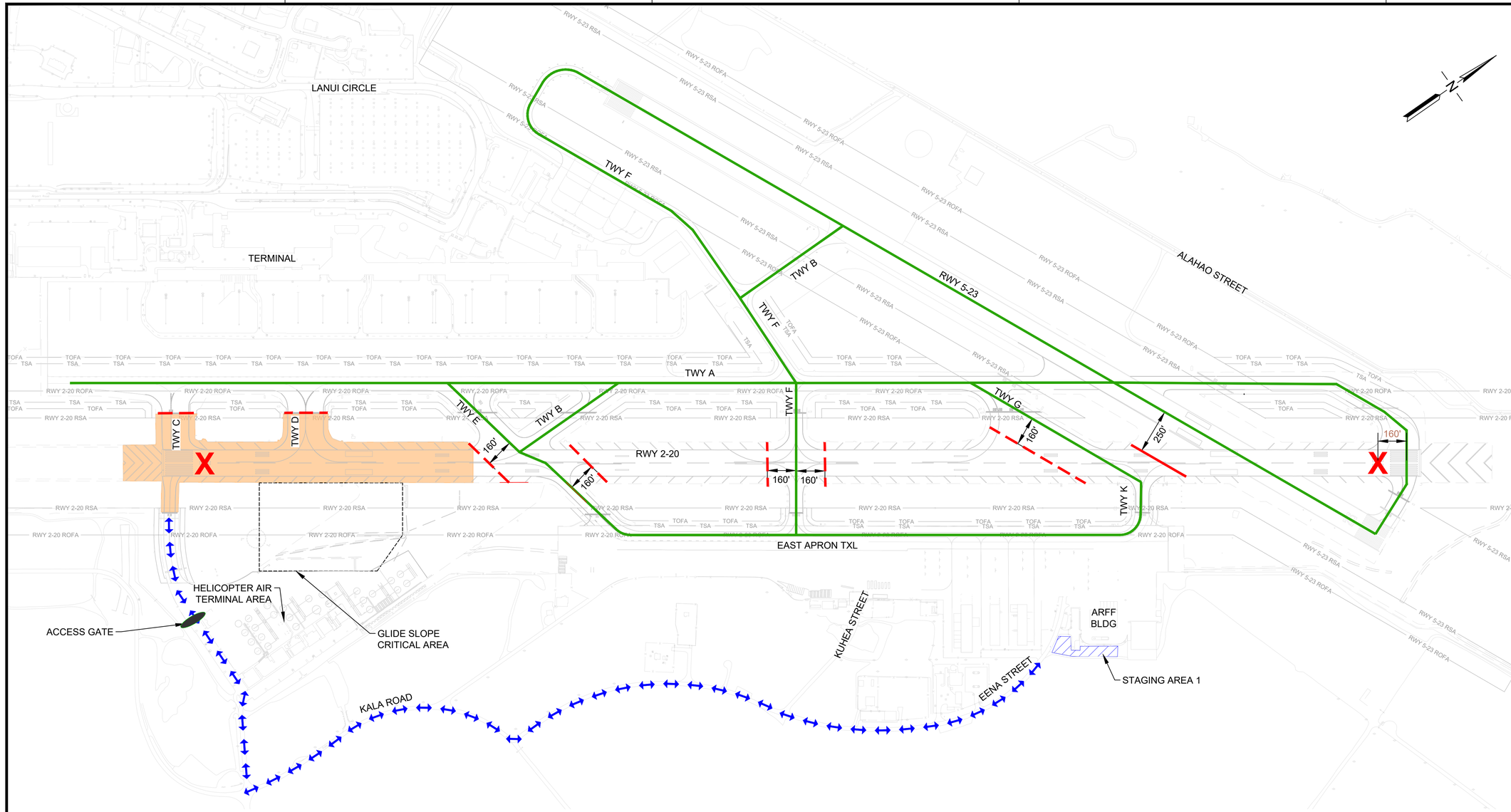
SHEET TITLE:

CONSTRUCTION TIMELINE AND PHASING PLAN

DATE :
08/10/2026

SHEET :
6 OF 74 SHEETS

DWG. NO.
G-200



PHASING AND BARRICADE PLAN - PHASE 1A AND PHASE 1B

DESCRIPTION OF WORK:

PHASE 1A - COLDMILL PAVEMENT/ PREPARE SURFACE, CONSTRUCT AC PAVEMENT, APPLY HALF APPLICATION PAVEMENT MARKINGS AND REPLACE RUNWAY EDGE LIGHTS AND SIGNS.

PHASE 1B - PAVEMENT GROOVING, REFRESH PAVEMENT MARKINGS AND FULL APPLICATION PAVEMENT MARKINGS

SEQUENCE OF WORK:

1. INSTALL LIGHTED "X" RUNWAY CLOSURE MARKER AND LOW-PROFILE BARRICADES
2. PERFORM WORK
3. REQUEST INSPECTION FOLLOWING CLEANING. PERFORM ADDITIONAL CLEANING AS NEEDED FOLLOWING INSPECTION
4. REMOVE LIGHTED "X" RUNWAY CLOSURE MARKER AND LOW-PROFILE BARRICADES

WORK HOURS:

2330-0600, 7 DAYS/ WEEK

DURATION:

PHASE1A - 26 CALENDAR DAYS

PHASE 1B - 3 CALENDAR DAYS

SCHEDULE DATES:

TBD

NOTAMS (WORK HOURS ONLY):

1. RWY 2-20 CLOSED
2. TWY C CLOSED
3. TWY D CLOSED
4. RWY 2-20 UNGROOVED BETWEEN TWY C AND TWY E (PHASE 1A ONLY)

NAVAID STATUS:

1. RWY 2 LOC/ DME: OTS
2. RWY 2 GS: OTS
3. RWY 2 PAPI: OTS
4. RWY 2 MALSR: OTS
5. RWY 20 PAPI: OTS
6. RWY 5 PAPI: IN SERVICE

PHASING NOTES:

1. SEQUENCE OF WORK SHALL FOLLOW THE CONSTRUCTION TIMELINE SHOWN ON DWG G-200. CONCURRENT WORK IS NOT PERMITTED.
2. ADDITIONAL LOW-PROFILE BARRICADES SHALL BE ADDED AS DIRECTED BY AIRPORT OPERATIONS.
3. BARRICADES SHALL BE PLACED ACROSS THE HOLD SHORT MARKINGS UNLESS SHOWN OTHERWISE.
4. NAVAIDS WILL ONLY BE OFF DURING CONSTRUCTION.
5. NO INCURSION WITHIN THE GLIDE SLOPE CRITICAL AREA SHALL OCCUR AT ANY TIME.
6. 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.

LEGEND:

- WORK AREA
- LOW-PROFILE BARRICADES (WITH GAPS) — 1 / G-201 | G-209
- LOW-PROFILE BARRICADES (CONTINUOUS) — 1 / G-201 | G-209
- X — LIGHTED "X" RUNWAY CLOSURE MARKER — 2 / G-201 | G-209
- CONTRACTOR STAGING AREA
- CONTRACTOR HAUL ROUTE (2 WAY)
- AIRCRAFT TRAVEL ROUTE
- ACCESS GATE (EXISTING)

SCALE: 300' 0 300' 600' — 1" = 300'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
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.")

Brent Nakaoka — 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

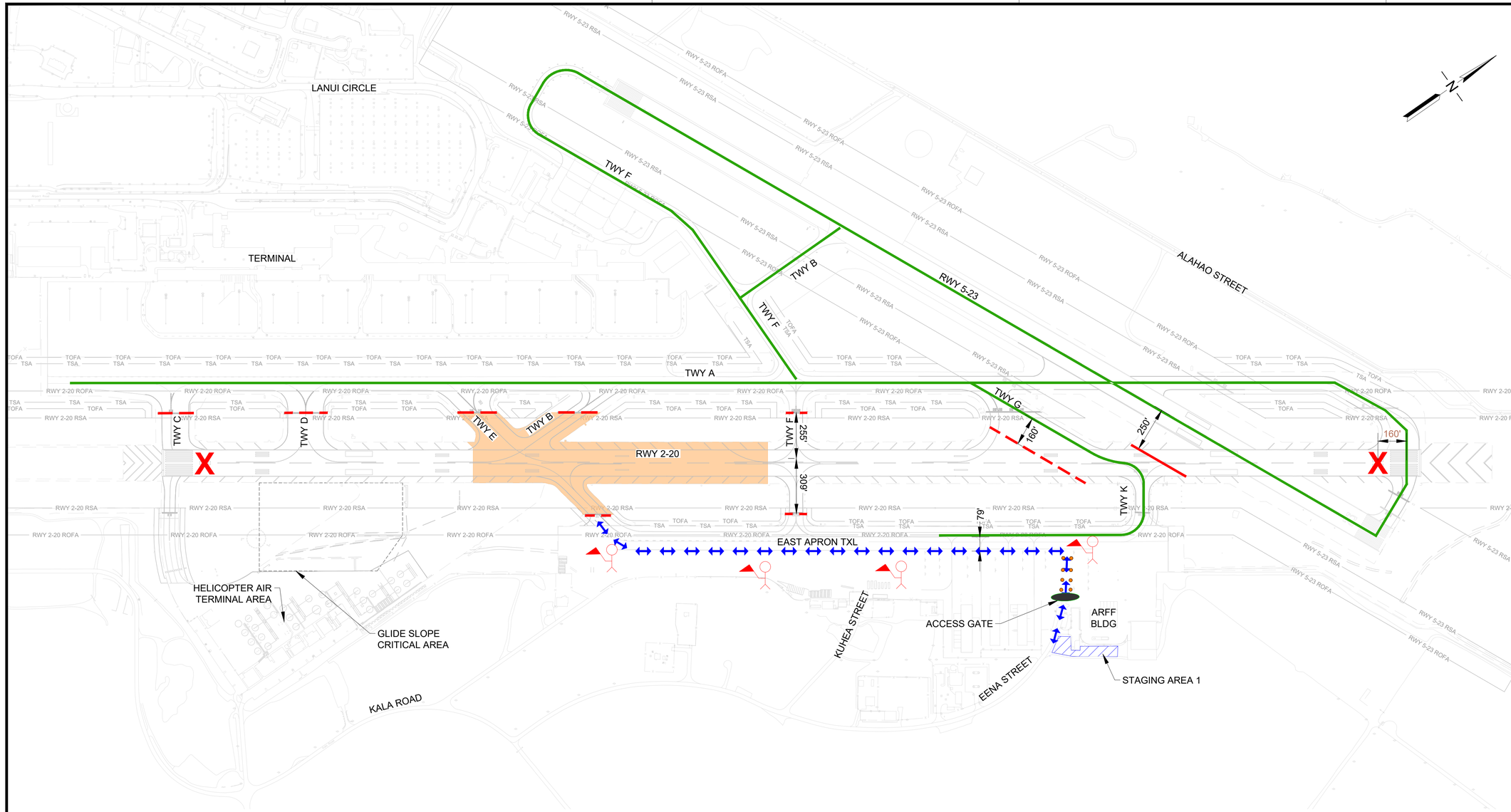
SHEET TITLE:

PHASING AND BARRICADE PLAN PHASE 1A AND PHASE 1B

DATE : **08/10/2026**

SHEET : 7 OF 74 SHEETS

DWG. NO. **G-201**



PHASING AND BARRICADE PLAN - PHASE 2A AND PHASE 2B

DESCRIPTION OF WORK:
PHASE 2A - COLDMILL PAVEMENT/ PREPARE SURFACE, CONSTRUCT AC PAVEMENT, APPLY HALF APPLICATION PAVEMENT MARKINGS AND REPLACE RUNWAY EDGE LIGHTS AND SIGNS.

PHASE 2B - PAVEMENT GROOVING, REFRESH PAVEMENT MARKINGS AND FULL APPLICATION PAVEMENT MARKINGS

SEQUENCE OF WORK:
1. INSTALL LIGHTED "X" RUNWAY CLOSURE MARKER AND LOW-PROFILE BARRICADES
2. PERFORM WORK
3. REQUEST INSPECTION FOLLOWING CLEANING. PERFORM ADDITIONAL CLEANING AS NEEDED FOLLOWING INSPECTION
4. REMOVE LIGHTED "X" RUNWAY CLOSURE MARKER AND LOW-PROFILE BARRICADES

WORK HOURS:
2330-0600, 7 DAYS/ WEEK

DURATION:
PHASE 2A - 23 CALENDAR DAYS

PHASE 2B - 3 CALENDAR DAYS

SCHEDULE DATES:
TBD

NOTAMS (WORK HOURS ONLY):
1. RWY 2-20 CLOSED
2. TWY B CLOSED BETWEEN TWY A AND RWY 2-20
3. TWY C CLOSED
4. TWY D CLOSED
5. TWY E CLOSED
6. TWY F CLOSED BETWEEN EAST RAMP AND TWY A
7. RWY 2-20 UNGROOVED BETWEEN TWY C AND TWY F (PHASE 2A ONLY)

NAVAID STATUS:
1. RWY 2 LOC/ DME: OTS
2. RWY 2 GS: OTS
3. RWY 2 PAPI: OTS
4. RWY 2 MALSR: OTS
5. RWY 20 PAPI: OTS
6. RWY 5 PAPI: IN SERVICE

PHASING NOTES:
1. SEQUENCE OF WORK SHALL FOLLOW THE CONSTRUCTION TIMELINE SHOWN ON DWG G-200. CONCURRENT WORK IS NOT PERMITTED.
2. ADDITIONAL LOW-PROFILE BARRICADES SHALL BE ADDED AS DIRECTED BY AIRPORT OPERATIONS.
3. BARRICADES SHALL BE PLACED ACROSS THE HOLD SHORT MARKINGS UNLESS SHOWN OTHERWISE.
4. HAUL ROUTE OFFSET FROM ℄ EAST RAMP TXL IS BASED ON ADG 3.
5. NO INCURSION WITHIN THE GLIDE SLOPE CRITICAL AREA SHALL OCCUR AT ANY TIME.
6. 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.

LEGEND:
- WORK AREA
- LOW-PROFILE BARRICADES (WITH GAPS) — 1 / G-202 G-209
- LOW-PROFILE BARRICADES (CONTINUOUS) — 1 / G-202 G-209
- LIGHTED "X" RUNWAY CLOSURE MARKER — 2 / G-202 G-209
- CONTRACTOR STAGING AREA
- CONTRACTOR HAUL ROUTE (2 WAY) — 4 / G-202 G-209
- AIRCRAFT TRAVEL ROUTE
- HAUL ROUTE CONES
- ACCESS GATE (EXISTING)

300' 0 300' 600'
SCALE: 1" = 300'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka — 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

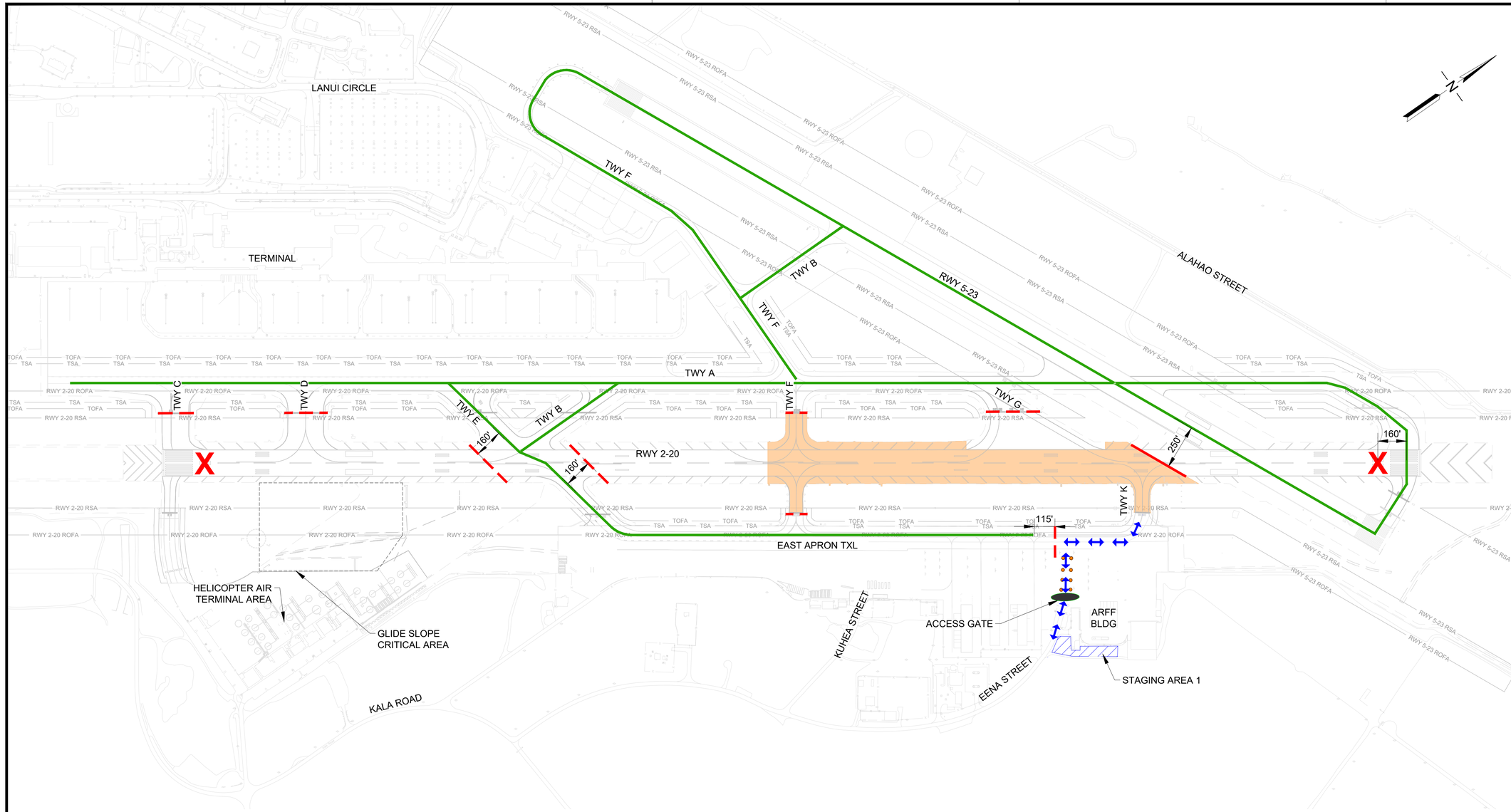
SHEET TITLE:

PHASING AND BARRICADE PLAN PHASE 2A AND PHASE 2B

DATE : **08/10/2026**

SHEET : 8 OF 74 SHEETS

DWG. NO. **G-202**



PHASING AND BARRICADE PLAN - PHASE 3A AND PHASE 3B

DESCRIPTION OF WORK:

PHASE 3A - COLDMILL PAVEMENT/ PREPARE SURFACE, CONSTRUCT AC PAVEMENT, APPLY HALF APPLICATION PAVEMENT MARKINGS AND REPLACE RUNWAY EDGE LIGHTS AND SIGNS.

PHASE 3B - PAVEMENT GROOVING, REFRESH PAVEMENT MARKINGS AND FULL APPLICATION PAVEMENT MARKINGS

SEQUENCE OF WORK:

1. INSTALL LIGHTED "X" RUNWAY CLOSURE MARKER AND LOW-PROFILE BARRICADES
2. PERFORM WORK
3. REQUEST INSPECTION FOLLOWING CLEANING. PERFORM ADDITIONAL CLEANING AS NEEDED FOLLOWING INSPECTION
4. REMOVE LIGHTED "X" RUNWAY CLOSURE MARKER AND LOW-PROFILE BARRICADES

WORK HOURS:

2330-0600, 7 DAYS/ WEEK

DURATION:

PHASE 3A - 31 CALENDAR DAYS

PHASE 3B - 3 CALENDAR DAYS

SCHEDULE DATES:

TBD

NOTAMS (WORK HOURS ONLY):

1. RWY 2-20 CLOSED
2. TWY C CLOSED
3. TWY D CLOSED
4. TWY F CLOSED BETWEEN TWY A AND EAST RAMP
5. TWY G CLOSED
6. TWY K CLOSED
7. RWY 2-20 UNGROOVED BETWEEN TWY C AND RWY 5-23 (PHASE 3A ONLY)

NAVAID STATUS:

1. RWY 2 LOC/ DME: OTS
2. RWY 2 GS: OTS
3. RWY 2 PAPI: OTS
4. RWY 2 MALSR: OTS
5. RWY 20 PAPI: OTS
6. RWY 5 PAPI: IN SERVICE

PHASING NOTES:

1. SEQUENCE OF WORK SHALL FOLLOW THE CONSTRUCTION TIMELINE SHOWN ON DWG G-200. CONCURRENT WORK IS NOT PERMITTED.
2. ADDITIONAL LOW-PROFILE BARRICADES SHALL BE ADDED AS DIRECTED BY AIRPORT OPERATIONS
3. BARRICADES SHALL BE PLACED ACROSS THE HOLD SHORT MARKINGS UNLESS SHOWN OTHERWISE
4. NO INCURSION WITHIN THE GLIDE SLOPE CRITICAL AREA SHALL OCCUR AT ANY TIME.
5. 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.

LEGEND:

- WORK AREA
- LOW-PROFILE BARRICADES (WITH GAPS) — 1 / G-203 | G-209
- LOW-PROFILE BARRICADES (CONTINUOUS) — 1 / G-203 | G-209
- X — LIGHTED "X" RUNWAY CLOSURE MARKER — 2 / G-203 | G-209
- CONTRACTOR STAGING AREA
- CONTRACTOR HAUL ROUTE (2 WAY)
- AIRCRAFT TRAVEL ROUTE
- HAUL ROUTE CONES
- ACCESS GATE (EXISTING)

SCALE: 300' 0 300' 600' — 1" = 300'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka — 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

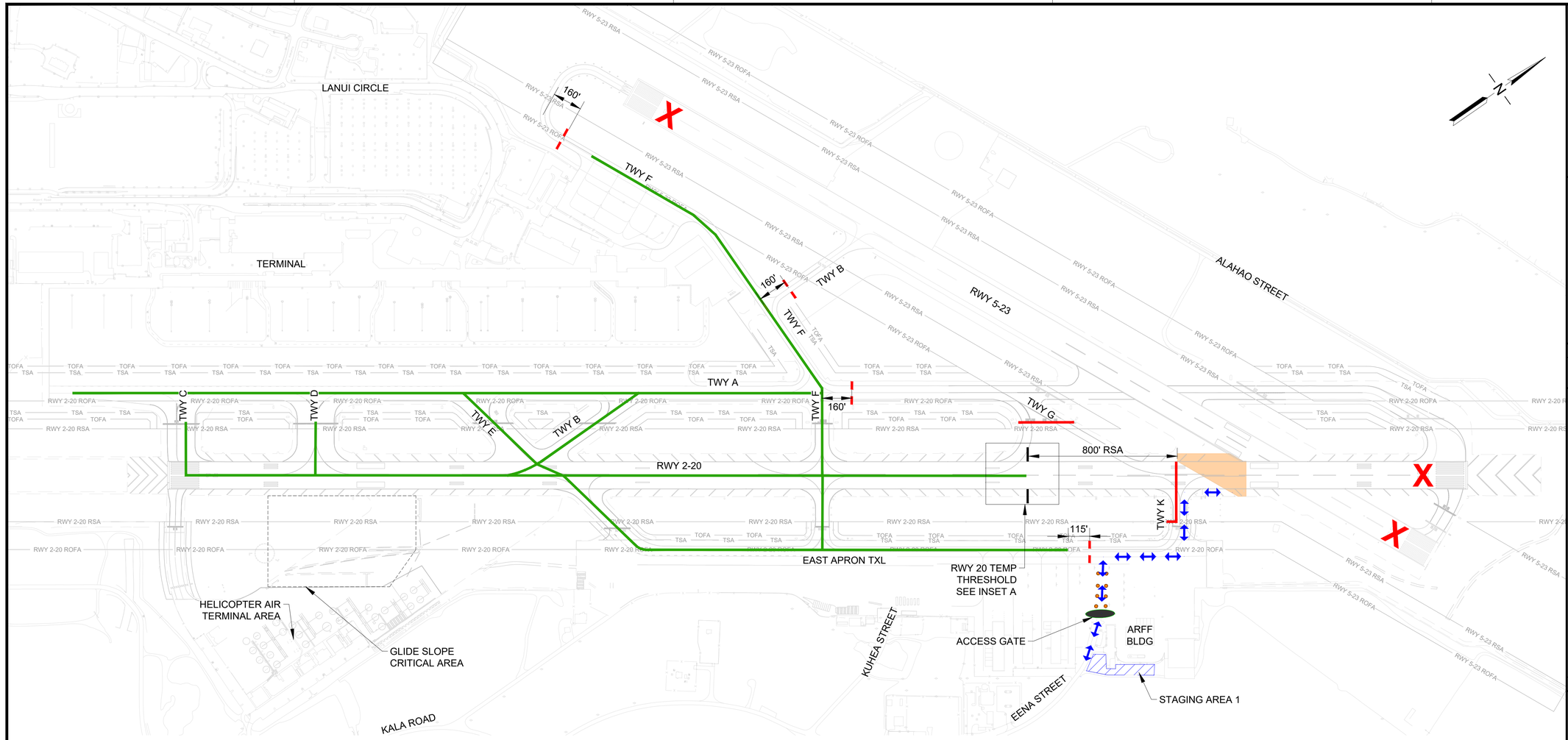
SHEET TITLE:

PHASING AND BARRICADE PLAN PHASE 3A AND PHASE 3B

DATE : **08/10/2026**

SHEET : 9 OF 74 SHEETS

DWG. NO. **G-203**



PHASING AND BARRICADE PLAN- PHASE 4A AND PHASE 4 B

DESCRIPTION OF WORK:

PHASE 4A - COLDMILL PAVEMENT/ PREPARE SURFACE, CONSTRUCT AC PAVEMENT, APPLY HALF APPLICATION PAVEMENT MARKINGS AND REPLACE RUNWAY EDGE LIGHTS AND SIGNS.

PHASE 4B - PAVEMENT GROOVING, REFRESH PAVEMENT MARKINGS AND FULL APPLICATION PAVEMENT MARKINGS

SEQUENCE OF WORK:

1. INSTALL LIGHTED "X" RUNWAY CLOSURE MARKER AND LOW-PROFILE BARRICADES
2. PERFORM WORK
3. REQUEST INSPECTION FOLLOWING CLEANING. PERFORM ADDITIONAL CLEANING AS NEEDED FOLLOWING INSPECTION
4. REMOVE LIGHTED "X" RUNWAY CLOSURE MARKER, TEMP THRESHOLD LIGHTS, RDR SIGN AND EDGE LIGHT COVERS AND LOW-PROFILE BARRICADES

WORK HOURS:

0030-0600, SUNDAYS ONLY

DURATION:

PHASE 4A - 5 SUNDAY SHIFTS

PHASE 4B - 1 SUNDAY SHIFTS

SCHEDULE DATES:

TBD

NOTAMS (WORK HOURS ONLY):

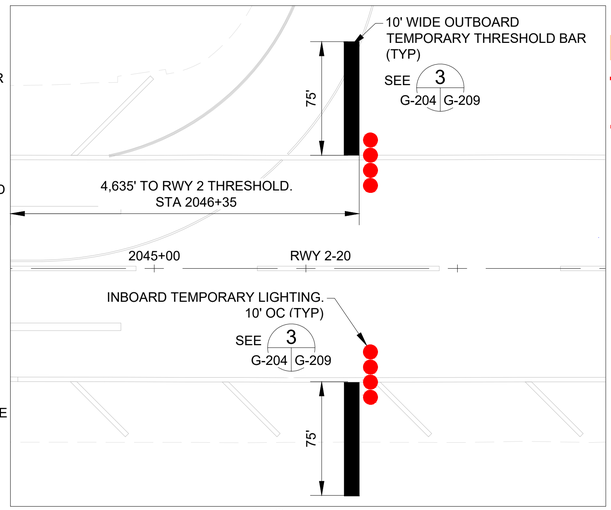
1. RWY 2 RESTRICTED TO ADG B-III (TURBOPROP OR SMALLER)
2. RWY 2 TORA/TODA/ASDA/LDA = 4,635'
3. RWY 20 CLOSED
4. NONSTANDARD RWY 2 LIGHTING
5. RWY 5-23 CLOSED
6. TWY A CLOSED BETWEEN TWY F AND RWY 5-23
7. TWY B CLOSED BETWEEN TWY F AND RWY 5-23
8. TWY F CLOSED WEST OF COMMUTER APRON
9. TWY G CLOSED
10. TWY K CLOSED
11. RWY 2-20 UNGROOVED BETWEEN TWY C AND RWY 5-23

NAVAID STATUS:

1. RWY 2 LOC/ DME: OTS
2. RWY 2 GS: OTS
3. RWY 2 PAPI: IN SERVICE
4. RWY 2 MALSR: IN SERVICE
5. RWY 20 PAPI: OTS
6. RWY 5 PAPI: OTS

PHASING NOTES:

1. RWY 2 RESTRICTED TO B-III AND SMALLER AIRCRAFT.
2. DURING KONA WIND CONDITIONS. CONTRACTOR SHALL COORDINATE WITH ATC AND HCF 2-HRS PRIOR TO START OF EACH WORK SHIFT. WORK SHALL BE CANCELED IF KONA WIND CONDITIONS ARE FORECAST DURING WORKING HOURS. IF WEATHER CONDITIONS CHANGE, THE CONTRACTOR SHALL VACATE THE WORK AREA WITHIN 1-HR OF NOTIFICATION.
3. SEQUENCE OF WORK SHALL FOLLOW THE CONSTRUCTION TIMELINE SHOWN ON DWG G-200. CONCURRENT WORK IS NOT PERMITTED
4. CONTRACTOR SHALL INSTALL TEMP THRESHOLD LIGHTS, COVER RDR SIGNS, AND COVER EDGE LIGHTS ON THE CLOSED PORTION OF THE RUNWAY.
5. PLACE BARRICADES ACROSS HOLD SHORT MARKINGS UNLESS SHOWN OTHERWISE
6. ADDITIONAL LOW-PROFILE BARRICADES SHALL BE ADDED AS DIRECTED BY THE AIRPORT OPERATIONS.
7. NO INCURSION WITHIN THE GLIDE SLOPE CRITICAL AREA SHALL OCCUR AT ANY TIME.
8. 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.



INSET A
RUNWAY 20 TEMPORARY THRESHOLD

SCALE: NTS

LEGEND:

- WORK AREA
- LOW-PROFILE BARRICADES (WITH GAPS) — 1 G-204 G-209
- LOW-PROFILE BARRICADES (CONTINUOUS) — 1 G-204 G-209
- LIGHTED "X" RUNWAY CLOSURE MARKER — 2 G-204 G-209
- CONTRACTOR STAGING AREA
- CONTRACTOR HAUL ROUTE (2 WAY)
- AIRCRAFT TRAVEL ROUTE
- HAUL ROUTE CONES
- ACCESS GATE (EXISTING)

300' 0 300' 600'
SCALE: 1" = 300'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka 04/30/2026
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

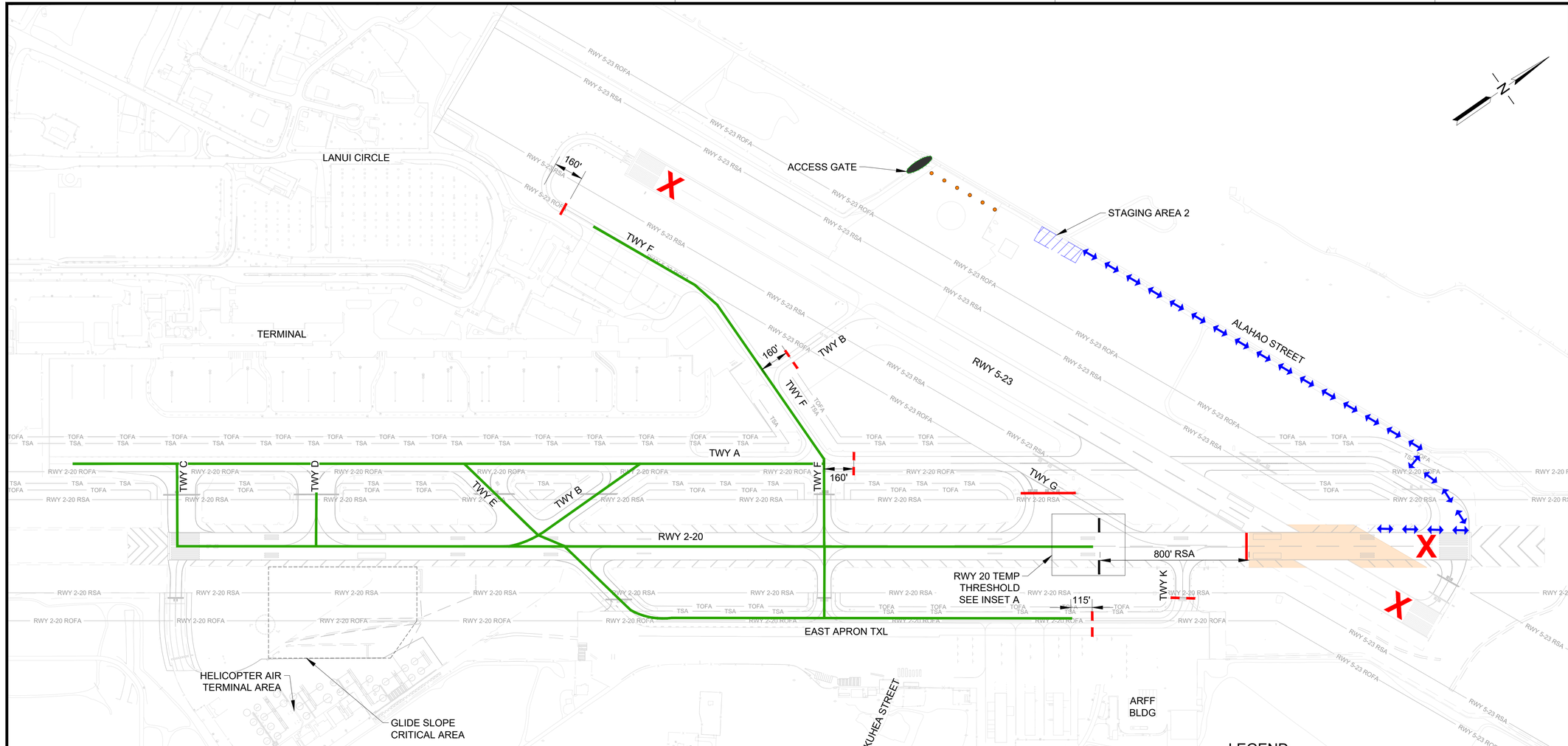
SHEET TITLE:

PHASING AND BARRICADE PLAN PHASE 4A AND PHASE 4B

DATE : **08/10/2026**

SHEET : 10 OF 74 SHEETS

DWG. NO. **G-204**



PHASING AND BARRICADE PLAN- PHASE 5A AND PHASE 5B

DESCRIPTION OF WORK:

PHASE 5A - COLDMILL PAVEMENT/ PREPARE SURFACE, CONSTRUCT AC PAVEMENT, APPLY HALF APPLICATION PAVEMENT MARKINGS AND REPLACE RUNWAY EDGE LIGHTS AND SIGNS.

PHASE 5B - PAVEMENT GROOVING, REFRESH PAVEMENT MARKINGS AND FULL APPLICATION PAVEMENT MARKINGS

SEQUENCE OF WORK:

1. INSTALL LIGHTED "X" RUNWAY CLOSURE MARKER AND LOW-PROFILE BARRICADES
2. PERFORM WORK
3. REQUEST INSPECTION FOLLOWING CLEANING. PERFORM ADDITIONAL CLEANING AS NEEDED FOLLOWING INSPECTION
4. REMOVE LIGHTED "X" RUNWAY CLOSURE MARKER, TEMP THRESHOLD LIGHTS, RDR SIGN AND EDGE LIGHT COVERS AND LOW-PROFILE BARRICADES

WORK HOURS:

2330-0600, 7 DAYS/ WEEK

DURATION:

PHASE 5A - 12 CALENDAR DAYS
PHASE 5B - 2 CALENDAR DAYS

SCHEDULE DATES:

TBD

NOTAMS (WORK HOURS ONLY):

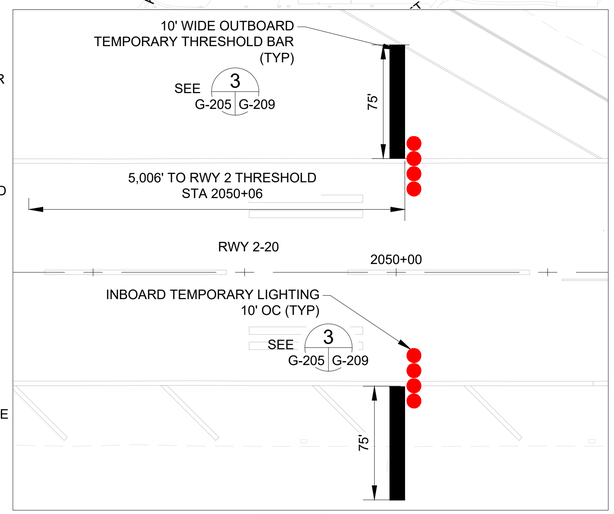
1. RWY 2 RESTRICTED TO ADG B-III TURBOPROP OR SMALLER
2. RWY 2 TORA/TODA/ASDA/LDA = 5,006'
3. RWY 20 CLOSED
4. NONSTANDARD RWY 2 LIGHTING
5. RWY 5-23 CLOSED
6. TWY A CLOSED BETWEEN TWY F AND RWY 5-23
7. TWY B CLOSED BETWEEN TWY F AND RWY 5-23
6. TWY F CLOSED WEST OF COMMUTER APRON
7. TWY G CLOSED
8. TWY K CLOSED
9. RWY 2-20 UNGROOVED BETWEEN TWY C AND RWY 5-23

NAVAID STATUS:

1. RWY 2 LOC/ DME: OTS
2. RWY 2 GS: OTS
3. RWY 2 PAPI: IN SERVICE
4. RWY 2 MALSR: IN SERVICE
5. RWY 20 PAPI: OTS
6. RWY 5 PAPI: OTS

PHASING NOTES:

1. RWY 2 RESTRICTED TO B-III AND SMALLER AIRCRAFT.
2. DURING KONA WIND CONDITIONS. CONTRACTOR SHALL COORDINATE WITH ATC AND HCF 2-HRS PRIOR TO START OF EACH WORK SHIFT. WORK SHALL BE CANCELED IF KONA WIND CONDITIONS ARE FORECAST DURING WORKING HOURS. IF WEATHER CONDITIONS CHANGE, THE CONTRACTOR SHALL VACATE THE WORK AREA WITHIN 1-HR OF NOTIFICATION.
3. SEQUENCE OF WORK SHALL FOLLOW THE CONSTRUCTION TIMELINE SHOWN ON DWG G-200. CONCURRENT WORK IS NOT PERMITTED
4. CONTRACTOR SHALL INSTALL TEMP THRESHOLD LIGHTS, COVER RDR SIGNS, AND COVER EDGE LIGHTS ON THE CLOSED PORTION OF RUNWAY 2-20.
5. PLACE BARRICADES ACROSS HOLD SHORT MARKINGS UNLESS SHOWN OTHERWISE
6. ADDITIONAL LOW-BARRICADES SHALL BE ADDED AS DIRECTED BY THE AIRPORT OPERATIONS.
7. NO INCURSION WITHIN THE GLIDE SLOPE CRITICAL AREA SHALL OCCUR AT ANY TIME.
8. 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.



INSET A
RUNWAY 20 TEMPORARY THRESHOLD
SCALE: NTS

LEGEND:

- WORK AREA
- LOW-PROFILE BARRICADES (WITH GAPS) — 1 G-205 G-209
- LOW-PROFILE BARRICADES (CONTINUOUS) — 1 G-205 G-209
- X LIGHTED "X" RUNWAY CLOSURE MARKER — 2 G-205 G-209
- CONTRACTOR STAGING AREA
- CONTRACTOR HAUL ROUTE (2 WAY)
- AIRCRAFT TRAVEL ROUTE
- HAUL ROUTE CONES
- ACCESS GATE (EXISTING)

300' 0 300' 600'
SCALE: 1" = 300'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka 04/30/2026
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

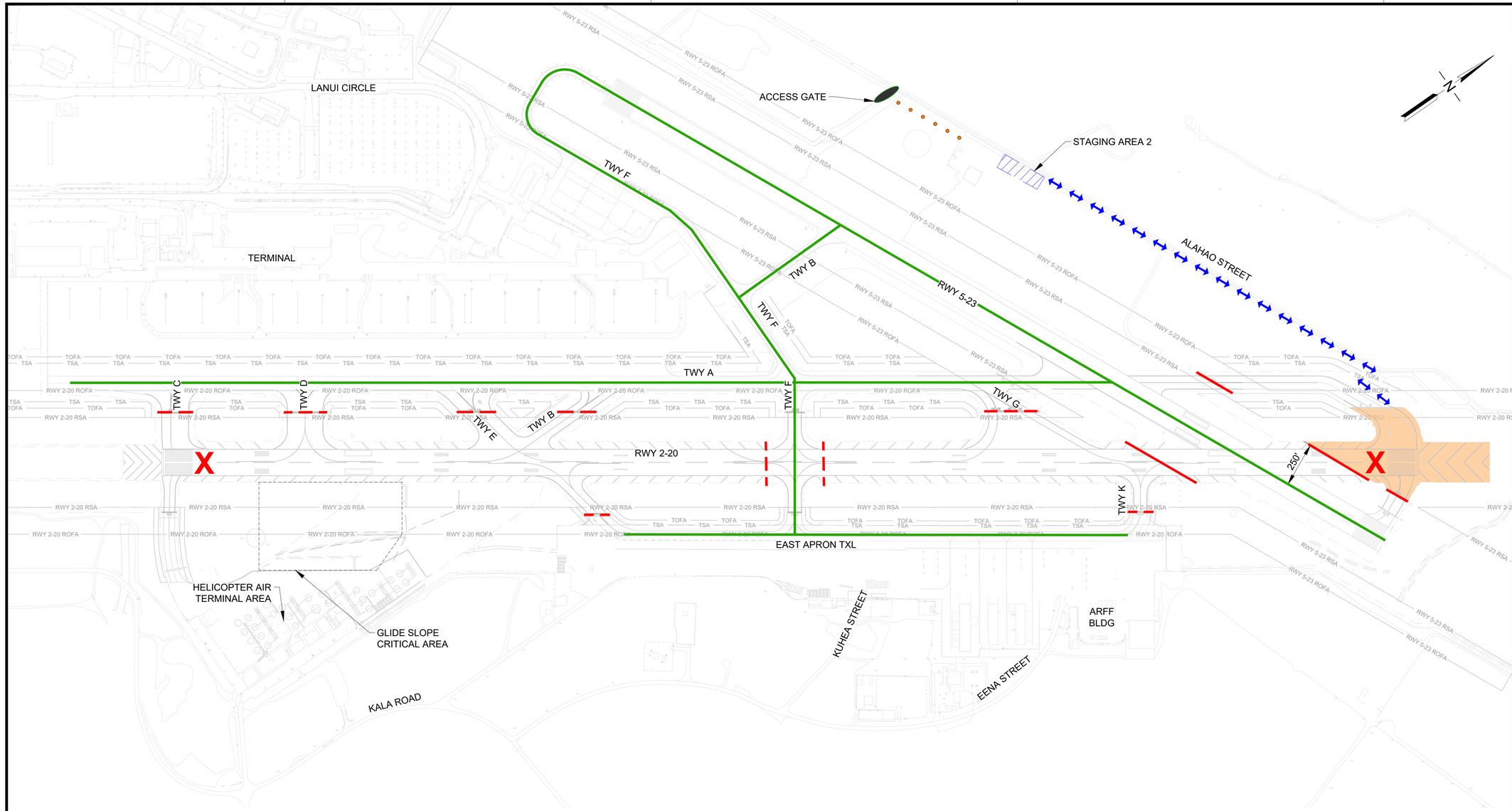
SHEET TITLE:

PHASING AND BARRICADE PLAN PHASE 5A AND PHASE 5B

DATE :
08/10/2026

SHEET :
11 OF 74 SHEETS

DWG. NO.
G-205



PHASING AND BARRICADE PLAN - PHASE 6A AND PHASE 6B

DESCRIPTION OF WORK:

PHASE 6A - COLDMILL PAVEMENT/ PREPARE SURFACE, CONSTRUCT AC PAVEMENT, APPLY HALF APPLICATION PAVEMENT MARKINGS AND REPLACE RUNWAY EDGE LIGHTS AND SIGNS.

PHASE 6B - PAVEMENT GROOVING, REFRESH PAVEMENT MARKINGS AND FULL APPLICATION PAVEMENT MARKINGS

SEQUENCE OF WORK:

1. INSTALL LIGHTED "X" RUNWAY CLOSURE MARKER AND LOW-PROFILE BARRICADES
2. PERFORM WORK
3. REQUEST INSPECTION FOLLOWING CLEANING. PERFORM ADDITIONAL CLEANING AS NEEDED FOLLOWING INSPECTION
4. REMOVE LIGHTED "X" RUNWAY CLOSURE MARKER AND LOW-PROFILE BARRICADES

WORK HOURS:

2330-0600, 7 DAYS/ WEEK

DURATION:

PHASE 6A - 16 CALENDAR DAYS

PHASE 6B - 2 CALENDAR DAYS

SCHEDULE DATES:

TBD

NOTAMS (WORK HOURS ONLY):

1. RWY 2-20 IS CLOSED
2. TWY A CLOSED NORTH OF RWY 5-23
3. TWY C CLOSED BETWEEN TWY A AND HELICOPTER AIR TERMINAL AREA
4. TWY B CLOSED BETWEEN TWY A AND RWY 2-20
5. TWY D CLOSED
6. TWY E CLOSED
7. TWY G CLOSED
8. TWY K CLOSED
9. RWY 2-20 UNGROOVED BETWEEN TWY C AND RWY 5-23

NAVAID STATUS:

1. RWY 2 LOC/ DME: OTS
2. RWY 2 GS: OTS
3. RWY 2 PAPI: OTS
4. RWY 2 MALSR: OTS
5. RWY 20 PAPI: OTS
6. RWY 5 PAPI: IN SERVICE

PHASING NOTES:

1. SEQUENCE OF WORK SHALL FOLLOW THE CONSTRUCTION TIMELINE SHOWN ON DWG G-200. CONCURRENT WORK IS NOT PERMITTED
2. PLACE BARRICADES ACROSS HOLD SHORT MARKINGS UNLESS SHOWN OTHERWISE
3. ADDITIONAL LOW-PROFILE BARRICADES SHALL BE ADDED AS DIRECTED BY AIRPORT OPERATIONS.
4. NO INCURSION WITHIN THE GLIDE SLOPE CRITICAL AREA SHALL OCCUR AT ANY TIME.
5. 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.

LEGEND:

- WORK AREA
- LOW-PROFILE BARRICADES (WITH GAPS) — 1 / G-206 | G-209
- LOW-PROFILE BARRICADES (CONTINUOUS) — 1 / G-206 | G-209
- X — LIGHTED "X" RUNWAY CLOSURE MARKER — 2 / G-206 | G-209
- CONTRACTOR STAGING AREA
- CONTRACTOR HAUL ROUTE (2 WAY)
- AIRCRAFT TRAVEL ROUTE
- HAUL ROUTE CONES
- ACCESS GATE (EXISTING)

300' 0 300' 600'
SCALE: 1" = 300'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
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.")

Brent Nakaoka — 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

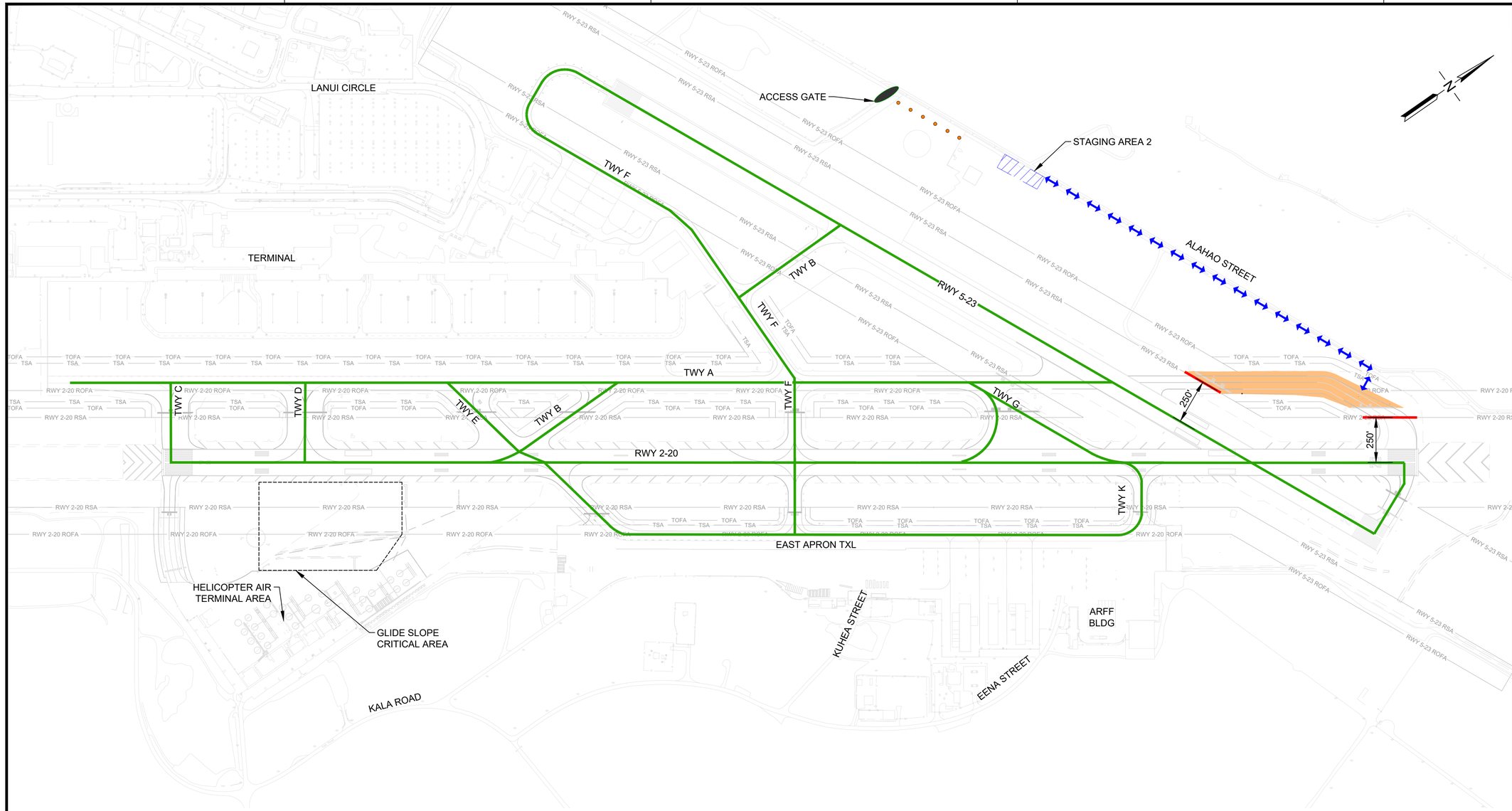
SHEET TITLE:

PHASING AND BARRICADE PLAN PHASE 6A AND PHASE 6B

DATE : **08/10/2026**

SHEET : 12 OF 74 SHEETS

DWG. NO. **G-206**



PHASING AND BARRICADE PLAN - PHASE 7

DESCRIPTION OF WORK:

PHASE 7 - COLDMILL PAVEMENT/ PREPARE SURFACE, CONSTRUCT AC PAVEMENT, OBLITERATE EXISTING MARKINGS, APPLY FULL APPLICATION PAVEMENT MARKINGS, REPLACE RUNWAY EDGE LIGHTS, DEMOLISH EXISTING TAXIWAY SIGNS AND INSTALL NEW TAXIWAY SIGNS.

SEQUENCE OF WORK:

1. INSTALL LOW-PROFILE BARRICADES
2. PERFORM WORK
3. REQUEST INSPECTION FOLLOWING CLEANING. PERFORM ADDITIONAL CLEANING AS NEEDED FOLLOWING INSPECTION
4. REMOVE LOW-PROFILE BARRICADES

WORK HOURS:

2300-0630, 7 DAYS/ WEEK

DURATION:

PHASE 7 - 20 CALENDAR DAYS

SCHEDULE DATES:

TBD

NOTAMS (WORK HOURS ONLY):

1. TWY A CLOSED BETWEEN RWY 2-20 AND RWY 5-23

NAVAID STATUS:

1. RWY 2 LOC/ DME: IN SERVICE
2. RWY 2 GS: IN SERVICE
3. RWY 2 PAPI: IN SERVICE
4. RWY 2 MALSR: IN SERVICE
5. RWY 20 PAPI: IN SERVICE
6. RWY 5 PAPI: IN SERVICE

PHASING NOTES:

1. SEQUENCE OF WORK SHALL FOLLOW THE CONSTRUCTION TIMELINE SHOWN ON DWG G-200. CONCURRENT WORK IS NOT PERMITTED
2. PLACE BARRICADES ACROSS HOLD SHORT MARKINGS UNLESS SHOWN OTHERWISE
3. ADDITIONAL LOW-PROFILE BARRICADES SHALL BE ADDED AS DIRECTED BY AIRPORT OPERATIONS.
4. NO INCURSION WITHIN THE GLIDE SLOPE CRITICAL AREA SHALL OCCUR AT ANY TIME.
5. 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.

LEGEND:

- WORK AREA
- LOW-PROFILE BARRICADES (CONTINUOUS)
- CONTRACTOR STAGING AREA
- CONTRACTOR HAUL ROUTE (2 WAY)
- AIRCRAFT TRAVEL ROUTE
- HAUL ROUTE CONES
- ACCESS GATE (EXISTING)

1 G-207 | G-209

300' 0 300' 600'
SCALE: 1" = 300'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

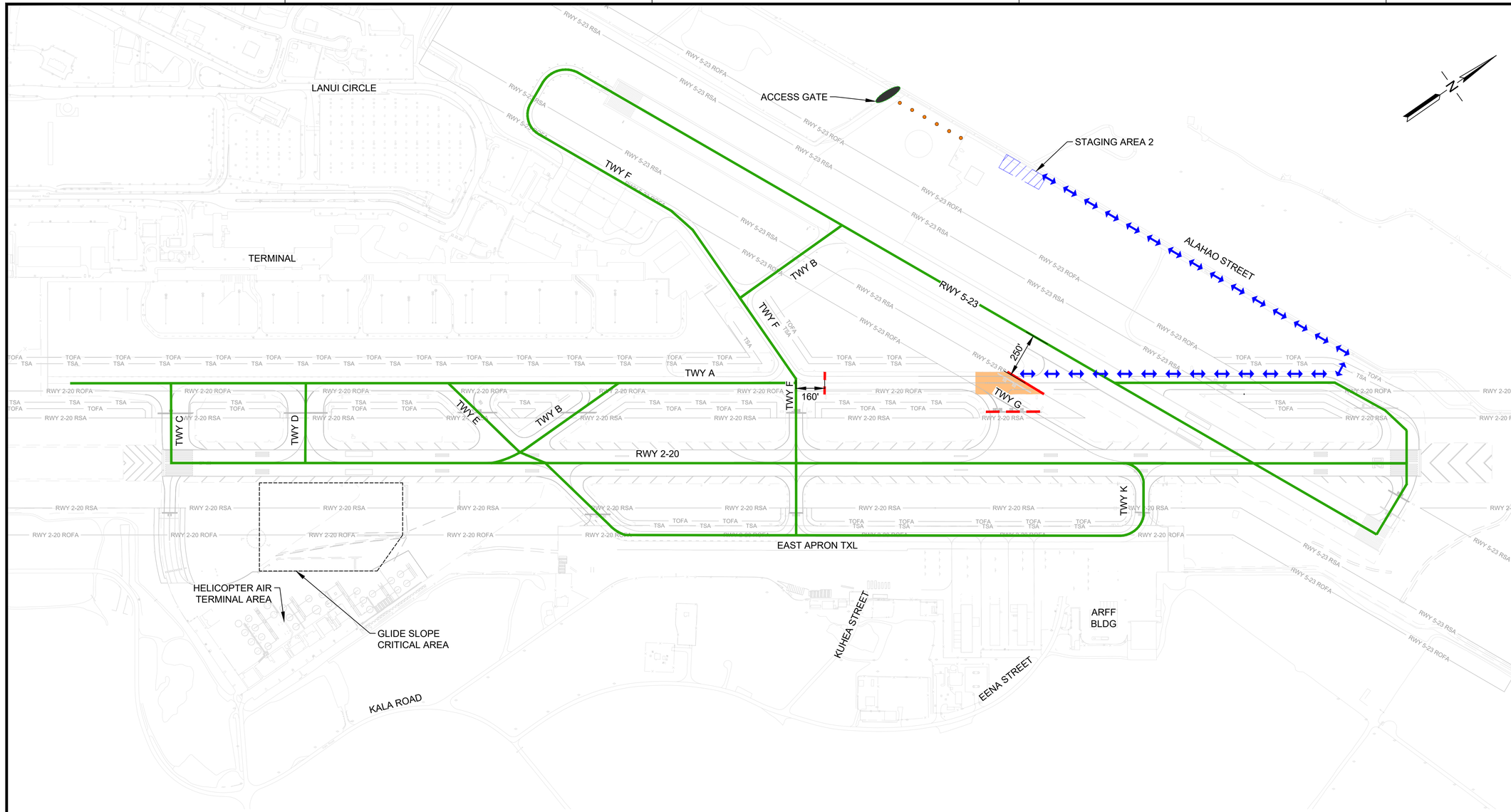
SHEET TITLE:

PHASING AND BARRICADE PLAN PHASE 7

DATE :
08/10/2026

SHEET :
13 OF 74 SHEETS

DWG. NO.
G-207



PHASING AND BARRICADE PLAN - PHASE 8

DESCRIPTION OF WORK:
PHASE 8 - OBLITERATE EXISTING MARKINGS, APPLY FULL APPLICATION PAVEMENT MARKINGS, DEMOLISH EXISTING TAXIWAY SIGNS AND INSTALL NEW TAXIWAY SIGNS.

SEQUENCE OF WORK:
1. INSTALL LOW-PROFILE BARRICADES
2. PERFORM WORK
3. REQUEST INSPECTION FOLLOWING CLEANING. PERFORM ADDITIONAL CLEANING AS NEEDED FOLLOWING INSPECTION
4. REMOVE LOW-PROFILE BARRICADES

WORK HOURS:
2300-0630, 7 DAYS/ WEEK

DURATION:
PHASE 8 - 10 CALENDAR DAYS

SCHEDULE DATES:
TBD

NOTAMS (WORK HOURS ONLY):
1. TWY A CLOSED BETWEEN TXY F AND RWY 5-23

NAVAID STATUS:
1. RWY 2 LOC/ DME: IN SERVICE
2. RWY 2 GS: IN SERVICE
3. RWY 2 PAPI: IN SERVICE
4. RWY 2 MALSR: IN SERVICE
5. RWY 20 PAPI: IN SERVICE
6. RWY 5 PAPI: IN SERVICE

PHASING NOTES:
1. SEQUENCE OF WORK SHALL FOLLOW THE CONSTRUCTION TIMELINE SHOWN ON DWG G-200. CONCURRENT WORK IS NOT PERMITTED
2. PLACE BARRICADES ACROSS HOLD SHORT MARKINGS UNLESS SHOWN OTHERWISE
3. ADDITIONAL LOW-PROFILE BARRICADES SHALL BE ADDED AS DIRECTED BY AIRPORT OPERATIONS.
4. NO INCURSION WITHIN THE GLIDE SLOPE CRITICAL AREA SHALL OCCUR AT ANY TIME.
5. 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.

LEGEND:
- WORK AREA
- LOW-PROFILE BARRICADES (WITH GAPS) — 1 / G-208 | G-209
- LOW-PROFILE BARRICADES (CONTINUOUS) — 1 / G-208 | G-209
- CONTRACTOR STAGING AREA
- CONTRACTOR HAUL ROUTE (2 WAY)
- AIRCRAFT TRAVEL ROUTE
- HAUL ROUTE CONES
- ACCESS GATE (EXISTING)

300' 0 300' 600'
SCALE: 1" = 300'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
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Brent Nakaoka 04/30/2028
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20
PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

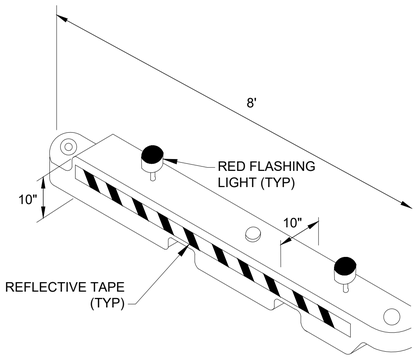
SHEET TITLE:

PHASING AND BARRICADE PLAN PHASE 8

DATE : **08/10/2026**

SHEET : 14 OF 74 SHEETS

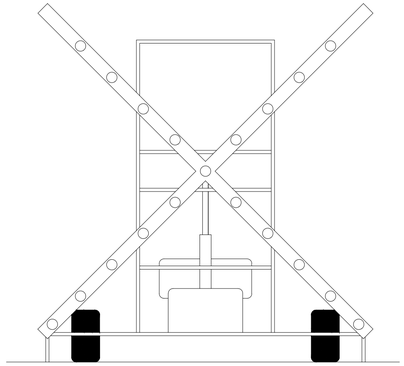
DWG. NO. **G-208**



BARRICADE NOTES:

1. TYPE 2 LOW PROFILE BARRICADES SHALL BE INTERLOCKED CREATING A CONTINUOUS LINE AND ALL BARRICADES SHALL BE WATER FILLED.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING PROPER POSITIONING AND OPERATION OF ALL BARRICADES FOR THE DURATION OF THE PROJECT.
3. THE TYPE 2 LOW PROFILE BARRICADES SHALL BE WEIGHTED AGAINST JET BLAST AND CAPABLE OF WITHSTANDING UP TO 110 MPH WIND FORCES. THE CONTRACTOR SHALL IMMEDIATELY REPLACE ANY BARRICADES THAT ARE PUNCTURED OR DO NOT RETAIN WATER.
4. INSTALL A MINIMUM OF 2 BATTERY OPERATED RED PHOTOCELL LIGHTS EQUALLY SPACED PER EACH 8' LONG BARRICADE. LIGHTS SHALL MAINTAIN SUCH INTENSITY SO AS TO BE READILY IDENTIFIED FROM DISTANCES OF 200' OR GREATER DURING DARKNESS PERIODS.
5. THE CONTRACTOR SHALL PROVIDE A SUBMITTAL TO THE ENGINEER FOR REVIEW OF THE PROPOSED LOW PROFILE BARRICADE TYPE AND MANUFACTURE AND PRIOR TO ORDERING OR ACQUIRING ANY BARRICADES. THE SUBMITTAL SHALL CONTAIN SUFFICIENT INFORMATION INCLUDING AS A MINIMUM BARRICADE TYPE, SIZE, MANUFACTURER, AND DATE OF MANUFACTURE, TO PROVIDE THE ENGINEER WITH SUFFICIENT INFORMATION TO PERFORM A THOROUGH AND COMPLETE REVIEW.

1 LOW PROFILE BARRICADES
G-201-G-208 | G-209 SCALE: NTS

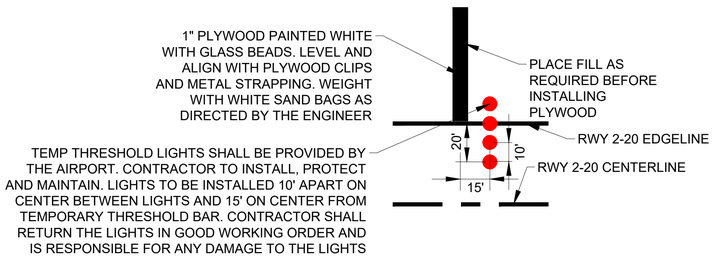


LIGHTED 'X' NOTES:

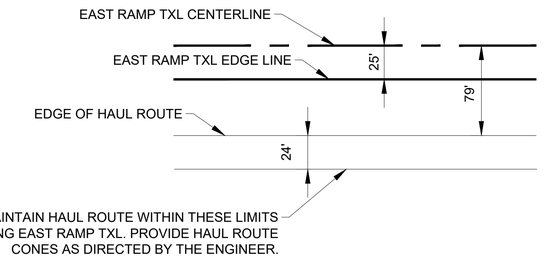
THE LIGHTED "X" RUNWAY CLOSURE SIGNAL SHALL CONFORM WITH FAA AC 150/5345-55 LATEST EDITION, AND AT A MINIMUM SHALL:

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.
18. 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.

2 LIGHTED RUNWAY CLOSURE "X"
G-201-G-208 | G-209 SCALE: NTS



3 TEMPORARY THRESHOLD BAR AND LIGHT DETAIL
G-204, G-205 | G-209 SCALE: NTS



4 HAUL ROUTE DETAIL ADJACENT TO EAST RAMP TXL
G-201-G-208 | G-209 SCALE: NTS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka 04/30/2026
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

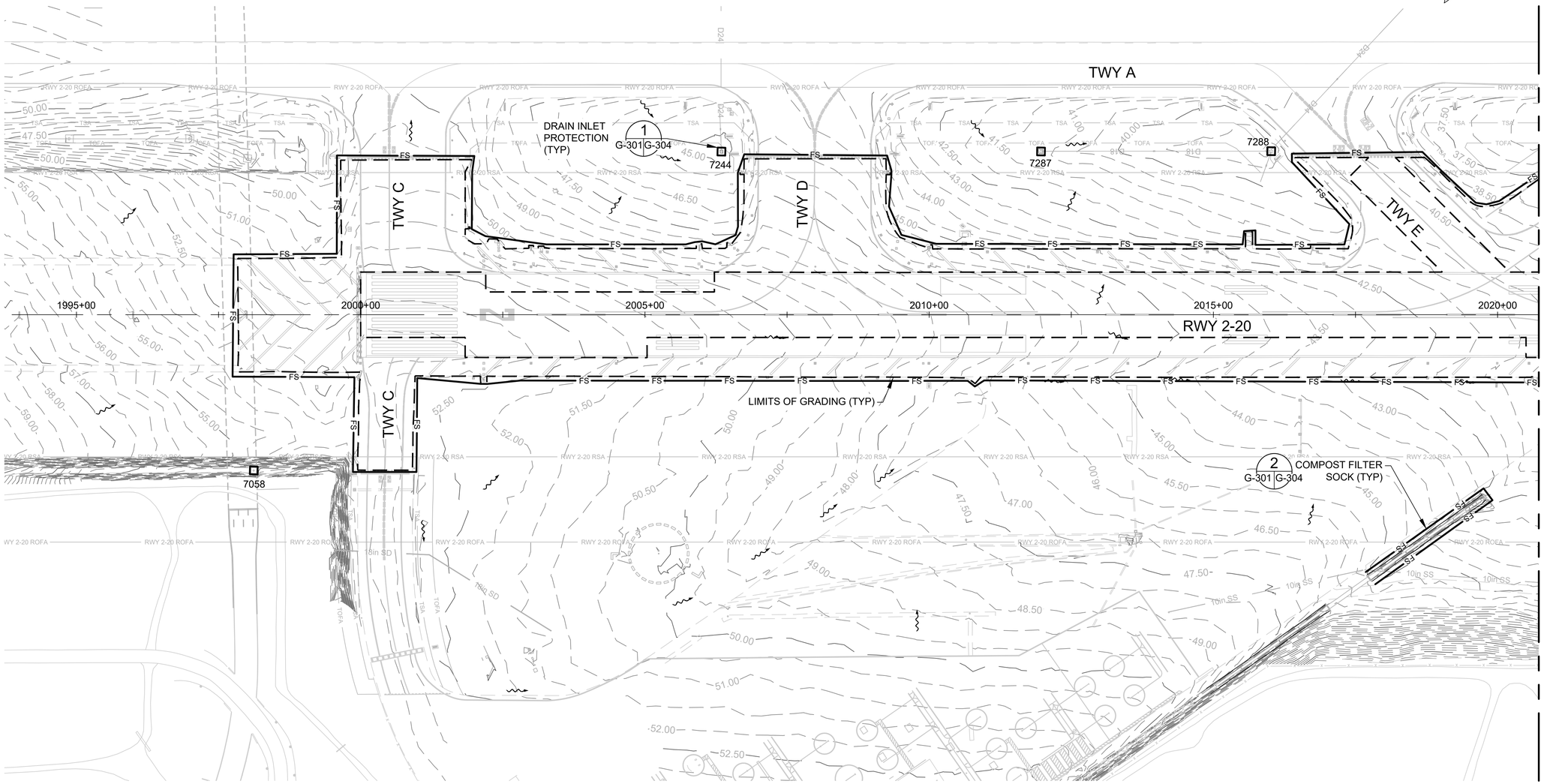
PHASING AND BARRICADE DETAILS

DATE : **08/10/2026**

SHEET : 15 OF 74 SHEETS

DWG. NO. **G-209**

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25-AM1022-25_015_G-209.DWG



LEGEND:

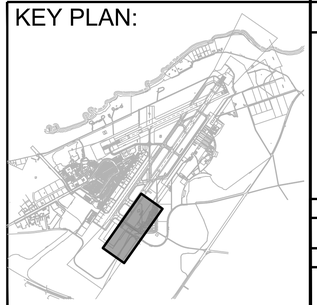
- FS — COMPOST FILTER SOCK — 2 / G-301 G-304
- DRAIN INLET PROTECTION — 1 / G-301 G-304
- FLOW ARROW
- 50.00 — EXISTING CONTOUR
- 7058 — EID
- — — — — LIMITS OF GRADING

NOTES:

1. PERFORM ALL EROSION CONTROL WORK IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES OUTLINED IN G-304
2. EROSION CONTROL MEASURES, AS SHOWN, OR AS APPROVED BY THE RPR SHALL BE PLACED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION BASED ON THE PHASES OF WORK SHOWN.
3. CONTRACTOR SHALL SUBMIT THEIR EROSION CONTROL PLANS FOR APPROVAL, SHOWING EACH PHASE OF WORK, AS OUTLINED ON THESE PLANS, PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.

100' 0 100' 200'
SCALE: 1" = 100'-0"

KEY PLAN:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka — 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

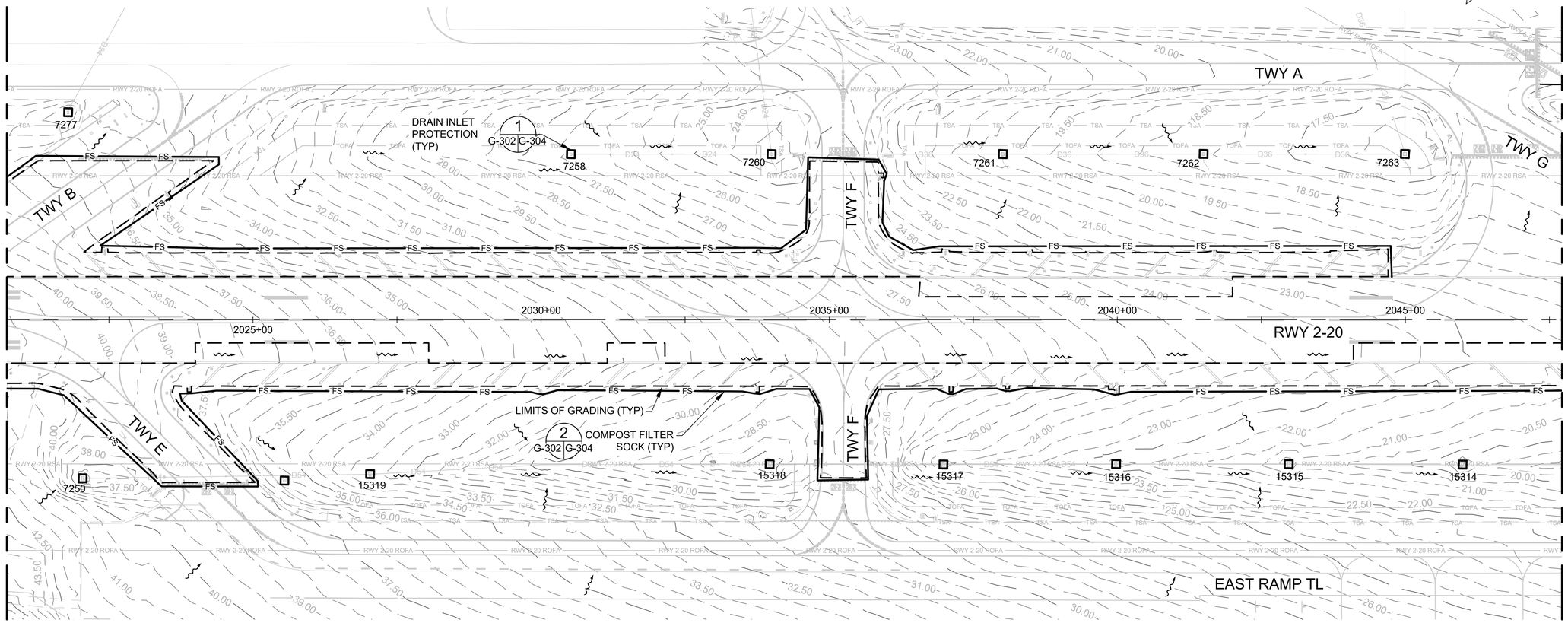
EROSION CONTROL PLAN 1

DATE : **08/10/2026**

SHEET : 16 OF 74 SHEETS

DWG. NO. **G-301**

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_016_G-301.DWG



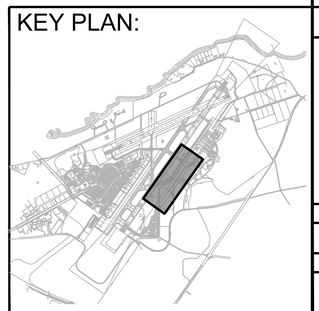
LEGEND:

- DRAIN INLET PROTECTION (1 G-302 | G-304)
- FLOW ARROW
- 30.00 — EXISTING CONTOUR
- 7250 — EID
- — — — — LIMITS OF GRADING

NOTES:

1. PERFORM ALL EROSION CONTROL WORK IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES OUTLINED IN G-304
2. EROSION CONTROL MEASURES, AS SHOWN, OR AS APPROVED BY THE RPR SHALL BE PLACED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION BASED ON THE PHASES OF WORK SHOWN.
3. CONTRACTOR SHALL SUBMIT THEIR EROSION CONTROL PLANS FOR APPROVAL, SHOWING EACH PHASE OF WORK, AS OUTLINED ON THESE PLANS, PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.

KEY PLAN:



100' 0 100' 200'
SCALE: 1" = 100'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

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PROFESSIONAL ENGINEER
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Brent Nakaoka 04/30/2026
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

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KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

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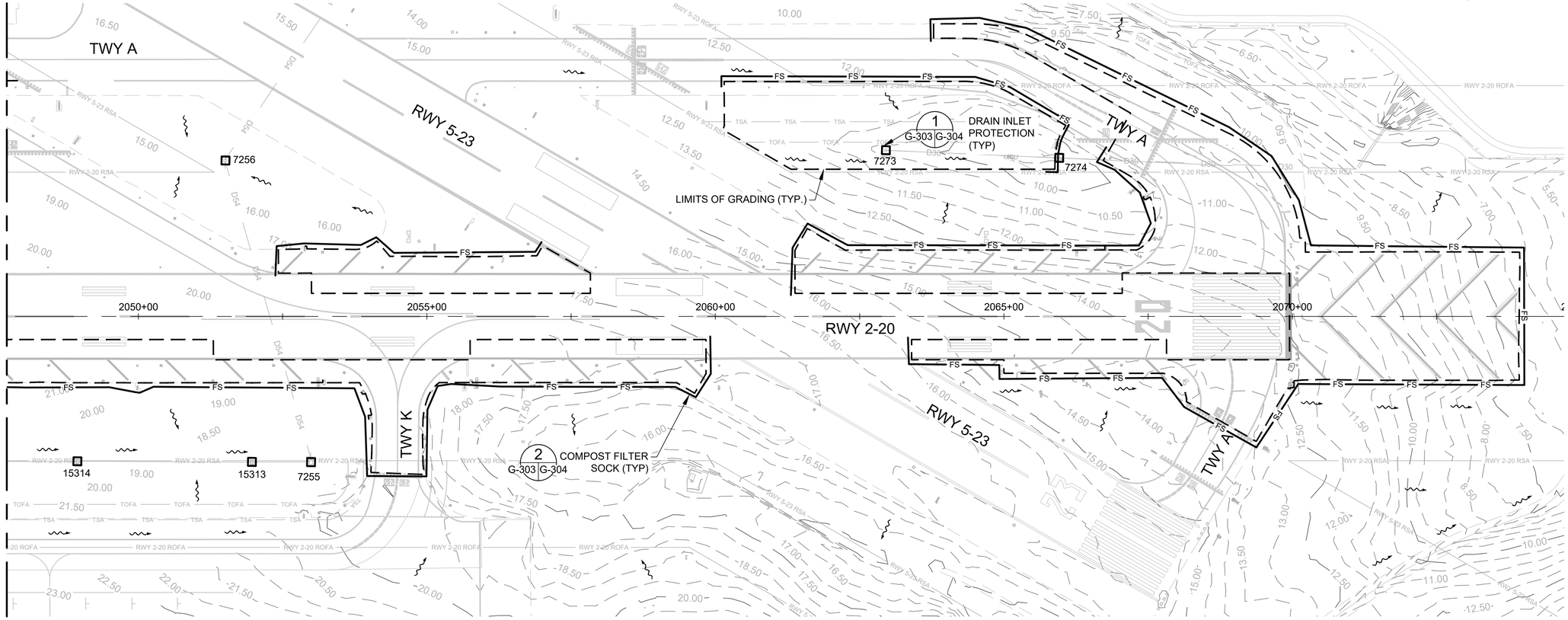
SHEET TITLE:

EROSION CONTROL PLAN 2

DATE :
08/10/2026
SHEET :
17 OF 74 SHEETS

DWG. NO.
G-302

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_017_G-302.DWG

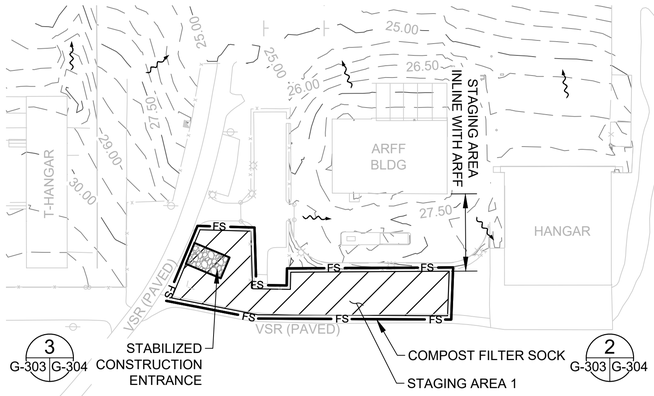


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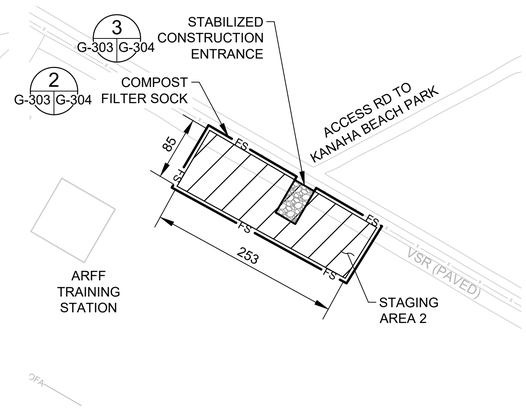
1. PERFORM ALL EROSION CONTROL WORK IN ACCORDANCE WITH BEST MANAGEMENT PRACTICES OUTLINED IN G-304
2. EROSION CONTROL MEASURES, AS SHOWN, OR AS APPROVED BY THE RPR SHALL BE PLACED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION BASED ON THE PHASES OF WORK SHOWN.
3. CONTRACTOR SHALL SUBMIT THEIR EROSION CONTROL PLANS FOR APPROVAL, SHOWING EACH PHASE OF WORK, AS OUTLINED ON THESE PLANS, PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.

LEGEND:

- FS — COMPOST FILTER SOCK — 2 G-303 G-304
- LIMITS OF GRADING
- DRAIN INLET PROTECTION — 1 G-303 G-304
- FLOW ARROW
- 15.00 — EXISTING CONTOUR
- 7256 — EID



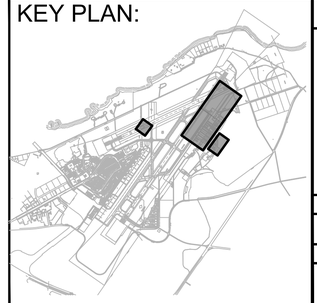
STAGING AREA 1



STAGING AREA 2

100' 0 100' 200'
SCALE: 1" = 100'-0"

KEY PLAN:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
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.")

Brent Nakaoka — 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

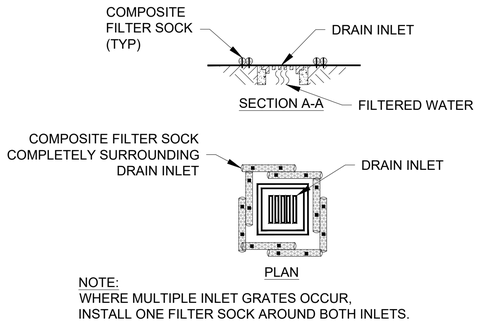
EROSION CONTROL PLAN 3

DATE :	DWG. NO.
08/10/2026	G-303
SHEET :	
18 OF 74 SHEETS	

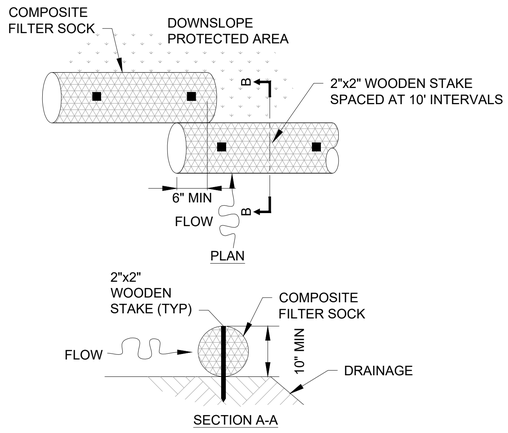
K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_018_G-303.DWG

BEST MANAGEMENT PRACTICE EROSION CONTROL NOTES:

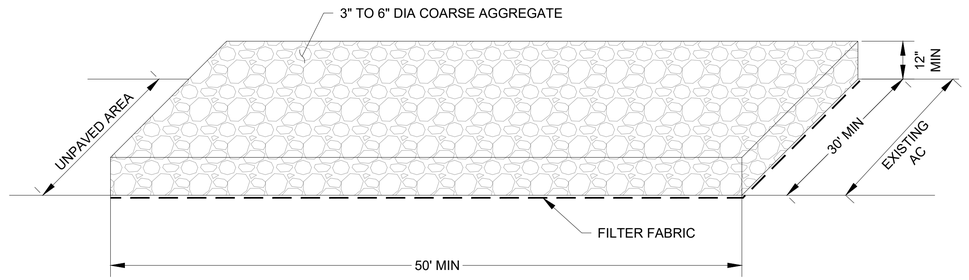
1. CONTRACTOR TO INSTALL DRAIN INLET PROTECTION BEFORE THE START OF ANY WORK.
2. DRAIN INLET PROTECTION SHALL BE IMMEDIATELY REPAIRED WHEN DAMAGED DURING CONSTRUCTION OPERATIONS.
3. BMP MEASURES AND PRACTICES SHALL BE IN ACCORDANCE WITH DOTA'S OGG SWMPP, WHICH INCLUDES, BUT IS NOT LIMITED TO, DOTA'S CONSTRUCTION ACTIVITIES BMP FIELD MANUAL.
4. THE CONTRACTOR'S CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE AND COMPLIANCE WITH THE DOH'S NPDES PERMIT WHICH INCLUDES, BUT IS NOT LIMITED TO, HAR CHAPTER 11-54, 11-55, AND 11-56.
5. THE CONTRACTOR SHALL REQUEST AN INITIAL BMP INSPECTION BE CONDUCTED BY AIR-EE. THE INITIAL BMP INSPECTION WILL BE SUBJECT TO THE AVAILABILITY OF THE BMP INSPECTOR. NO CONSTRUCTION ACTIVITIES, EXCEPT FOR ACTIVITIES REQUIRED FOR THE INSTALLATION OF THE TEMPORARY BMP MEASURES, SHALL COMMENCE PRIOR TO THE INITIAL BMP INSPECTION AND THE CORRECTION OF ALL DEFICIENCIES THAT ARE NOTED DURING THE INSPECTION. ONLY AFTER ALL CORRECTIVE ACTIONS HAVE BEEN DOCUMENTED AND ACCEPTED BY AIR-EE SHALL CONSTRUCTION ACTIVITIES BE ALLOWED TO COMMENCE.
6. INDEPENDENT THIRD-PARTY BMP INSPECTION WILL BE CONDUCTED MONTHLY. THE CONTRACTOR SHALL COMPLY WITH THESE INSPECTIONS.
7. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES AND STRUCTURES SHOWN ON THE DRAWINGS ARE APPROXIMATE AND ARE BASED ON THE LATEST DATA AVAILABLE TO THE ENGINEER. THE INFORMATION SHOWN IS NOT GUARANTEED AS TO ITS ACCURACY OR TO ENSURE THE CONTRACTOR FROM ENCOUNTERING OTHER OBSTACLES DURING HIS COURSE OF WORK. THE CONTRACTOR SHALL MAKE INDEPENDENT CHECKS AND CONSULT WITH UTILITY FIRMS TO VERIFY THE EXACT LOCATIONS OF THE UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL NOT BE RELIEVED FROM ANY LIABILITY DUE TO DAMAGES RESULTING FROM HIS OPERATIONS.
8. DUST CONTROL SHALL BE APPLIED TO REDUCE DUST EMISSIONS. THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL KEEP THE PROJECT AREA AND SURROUNDING AREA FREE FROM DUST NUISANCE. CONTRACTOR SHALL WATER STOCKPILES TO REDUCE DUST EMISSIONS. THE WORK SHALL BE IN CONFORMANCE WITH THE AIR POLLUTION CONTROL STANDARDS CONTAINED IN HAWAII ADMINISTRATIVE RULES: CHAPTER 11-60.1 "AIR POLLUTION CONTROL".
9. DOTA REQUIRES THAT STAFF WITH CONSTRUCTION PROGRAM RESPONSIBILITIES (E.G. SPMS, CMS, CONTRACTOR, INSPECTORS, PLAN REVIEWERS) TO BE TRAINED ANNUALLY. THE TRAINING IS SPECIFIC TO DOTA ACTIVITIES, INCLUDING THE PROPER INSTALLATION AND MAINTENANCE OF ACCEPTED BMPS, RULES, AND PROCEDURES. THE PERTINENT TRAINING VIDEO IS AVAILABLE ON THE DOTA WEBSITE: HTTP://HIDOT.HAWAII.GOV/AIRPORTS/DOING-BUSINESS/ENGINEERING/ENVIRONMENTAL/CONSTRUCTION-SITE-RUNOFF-CONTROL-PROGRAM/ PLEASE SUBMIT THE COMPLETED TRAINING ROSTERS AND CONSTRUCTION TRAINING QUIZZES TO THE DOTA ENVIRONMENTAL SECTION (FAX: 808-838-8017) OR EMAIL TO DOT.AIR.ENVIRONMENTAL@HAWAII.GOV



1 DRAIN INLET PROTECTION
G-301-G-303 | G-304 SCALE: NTS



2 COMPOST FILTER SOCK
G-301-G-304 | G-304 SCALE: NTS



3 STABILIZED CONSTRUCTION ENTRANCE
G-303 | G-304 SCALE: NTS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
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HAWAII, U.S.A.

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Brent Nakaoka 04/30/2026
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

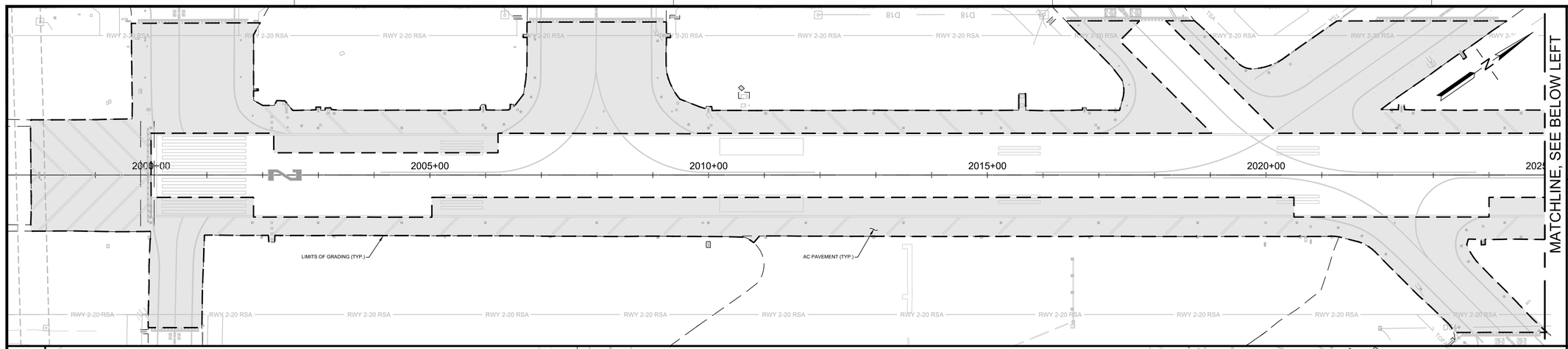
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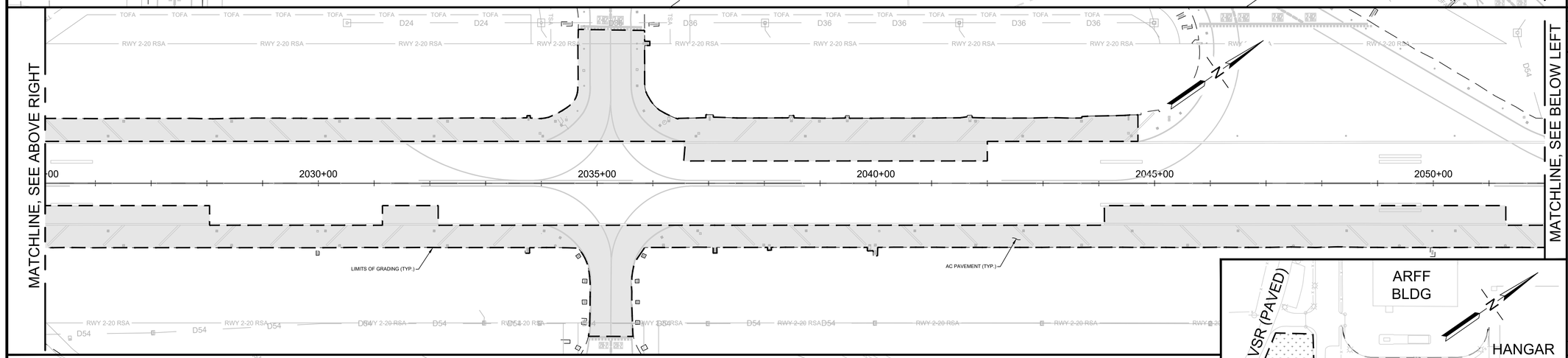
EROSION CONTROL NOTES AND DETAILS

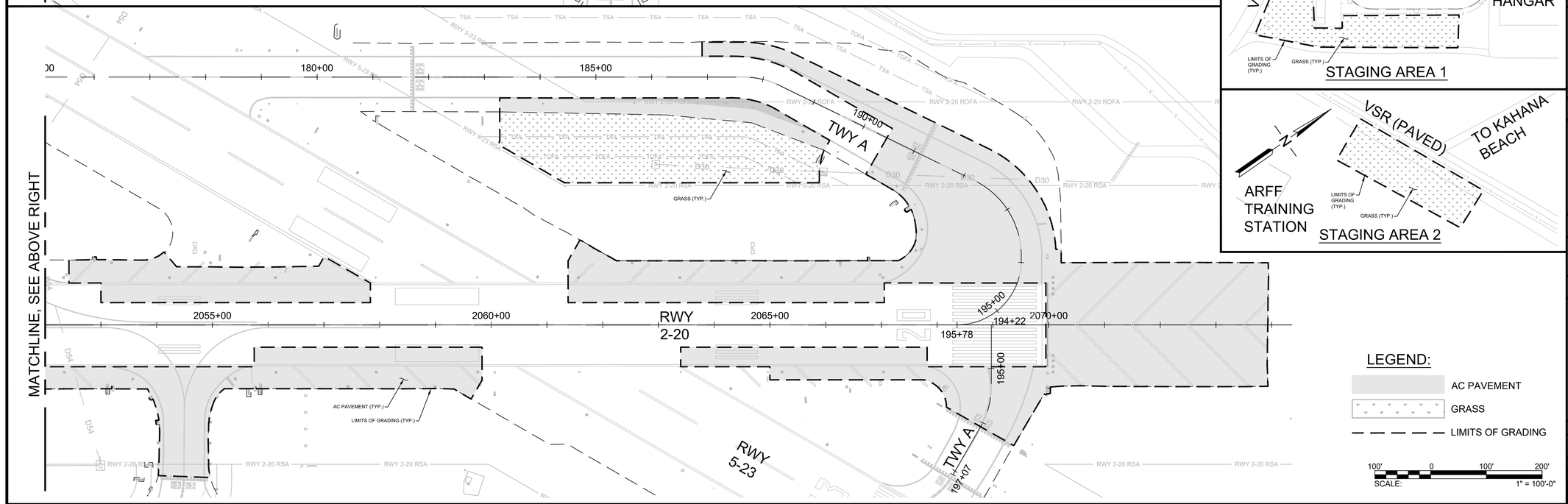
DATE :
08/10/2026
SHEET :
19 OF 74 SHEETS

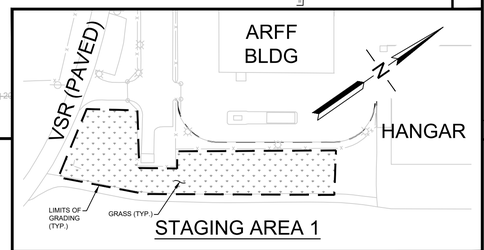
DWG. NO.
G-304

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25_AM1022-25_019_G-304.DWG









LEGEND:

- AC PAVEMENT
- GRASS
- LIMITS OF GRADING

100' 0 100' 200'
SCALE: 1" = 100'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

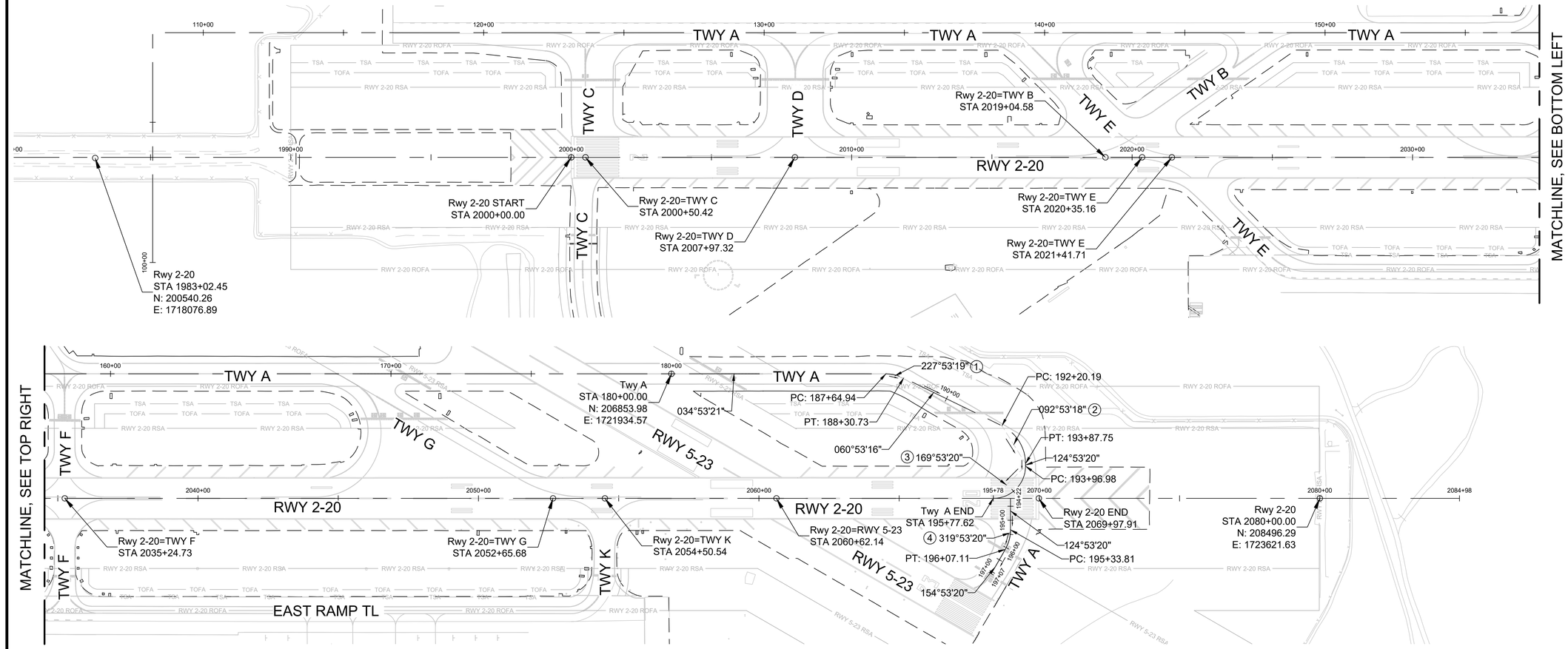
AM1022-25

SHEET TITLE:

POST-CONSTRUCTION BEST MANAGEMENT PRACTICES PLAN

DATE :	DWG. NO.
08/10/2026	G-305
SHEET :	
20 OF 74 SHEETS	

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25-AM1022-25_020_G-305.DWG



NOTES:

1. NORTHINGS AND EASTINGS ARE BASED ON HAWAII STATE PLANE ZONE 2.

(1) CURVE DATA
Δ= 25°59'51.52"
Δ/2= 12°59'55.76"
R= 145.00
T= 33.47
C= 65.23
Lc= 65.79

(2) CURVE DATA
Δ= 64°0'6.84"
Δ/2= 32°0'3.42"
R= 150.00
T= 93.73
C= 158.98
Lc= 167.56

(3) CURVE DATA
Δ= 89°59'48.43"
Δ/2= 44°59'54.22"
R= 115.00
T= 114.99
C= 162.63
Lc= 180.64

(4) CURVE DATA
Δ= 30°0'1.02"
Δ/2= 15°0'0.51"
R= 140.00
T= 37.51
C= 72.47
Lc= 73.30

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

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

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

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

HORIZONTAL CONTROL PLAN

DATE :
08/10/2026

SHEET :
21 OF 74 SHEETS

DWG. NO.
C-101

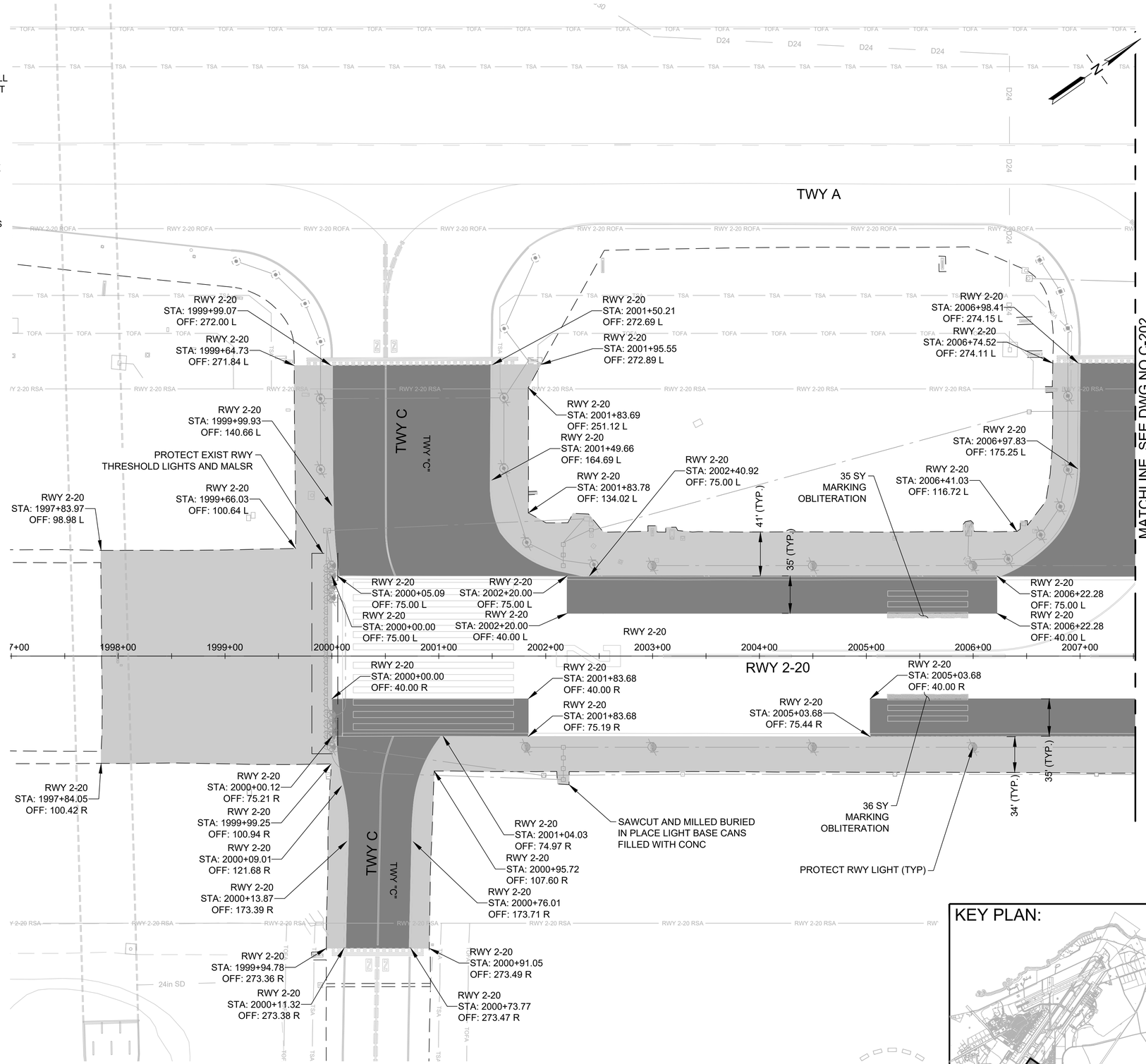
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NOTES:

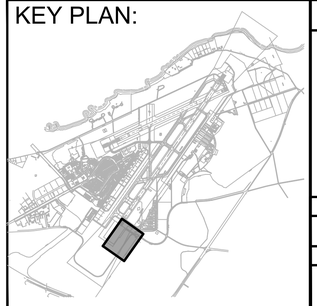
1. CONTRACTOR SHALL LOCATE AND PROTECT ALL UTILITIES, STRUCTURES, AND PAVED AREAS TO REMAIN. SAWCUTTING SHALL BE CAREFULLY CONTROLLED TO PREVENT DAMAGE TO ADJACENT PAVEMENT, THE UNDERLAYING MATERIAL, OR EXISTING STRUCTURES TO REMAIN IN PLACE. ANY DAMAGE TO UTILITIES AND PAVED AREAS SHALL BE RESTORED / REPAIRED TO PRE-CONSTRUCTION CONDITIONS AT THE CONTRACTOR'S EXPENSE.
2. CONTRACTOR SHALL SAW CUT PAVEMENT ALONG MILLING WORK LIMITS.
3. FOLLOWING MILL OPERATION, RPR SHALL DETERMINE IF MILL DEPTH IS SUFFICIENT AND CONDITION OF MILLED SURFACE IS SATISFACTORY. CONTRACTOR SHALL MILL ADDITIONAL DEPTH AS DIRECTED BY RPR.
4. FILL ALL EXPOSED CRACKS VISIBLE ON MILLED SURFACE AS DIRECTED BY THE RPR AND AS SPECIFIED IN SECTION 02101.
5. CLEANUP OF WASTE MATERIAL SHALL BE CONTINUOUS DURING THE SAWCUTTING OPERATION AND ALL OTHER DEMOLITION ACTIVITIES. CLEANUP SHALL USE A VACUUM SWEEPER.
6. ASPHALT MILLING SHALL BE HAULED OFF SITE.
7. REFER TO PHASING PLANS FOR HAUL ROUTES AND STAGING AREAS.

LEGEND:

- COLD MILL AC PAVEMENT (1.5" DEPTH)
- COLD MILL AC PAVEMENT (3" DEPTH)
- MARKING TO BE OBLITERATED
- EDGE LIGHT
- AIRFIELD SIGNAGE
- UTILITY BOX
- ELECTRICAL BOX
- ELECTRICAL MANHOLE
- HANDHOLE
- STORM MANHOLE
- D24 — 24 IN STORM PIPE
- D30 — 30 IN STORM PIPE
- ELECTRICAL LINE (ELECTRICAL/LIGHTING (SEE E-101)
- X — X — ELECTRICAL DEMO LINE (ELECTRICAL/LIGHTING (SEE E-101)



KEY PLAN:



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
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Brent Nakaoka 04/30/2026
Signature Lic. Exp. Date

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

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

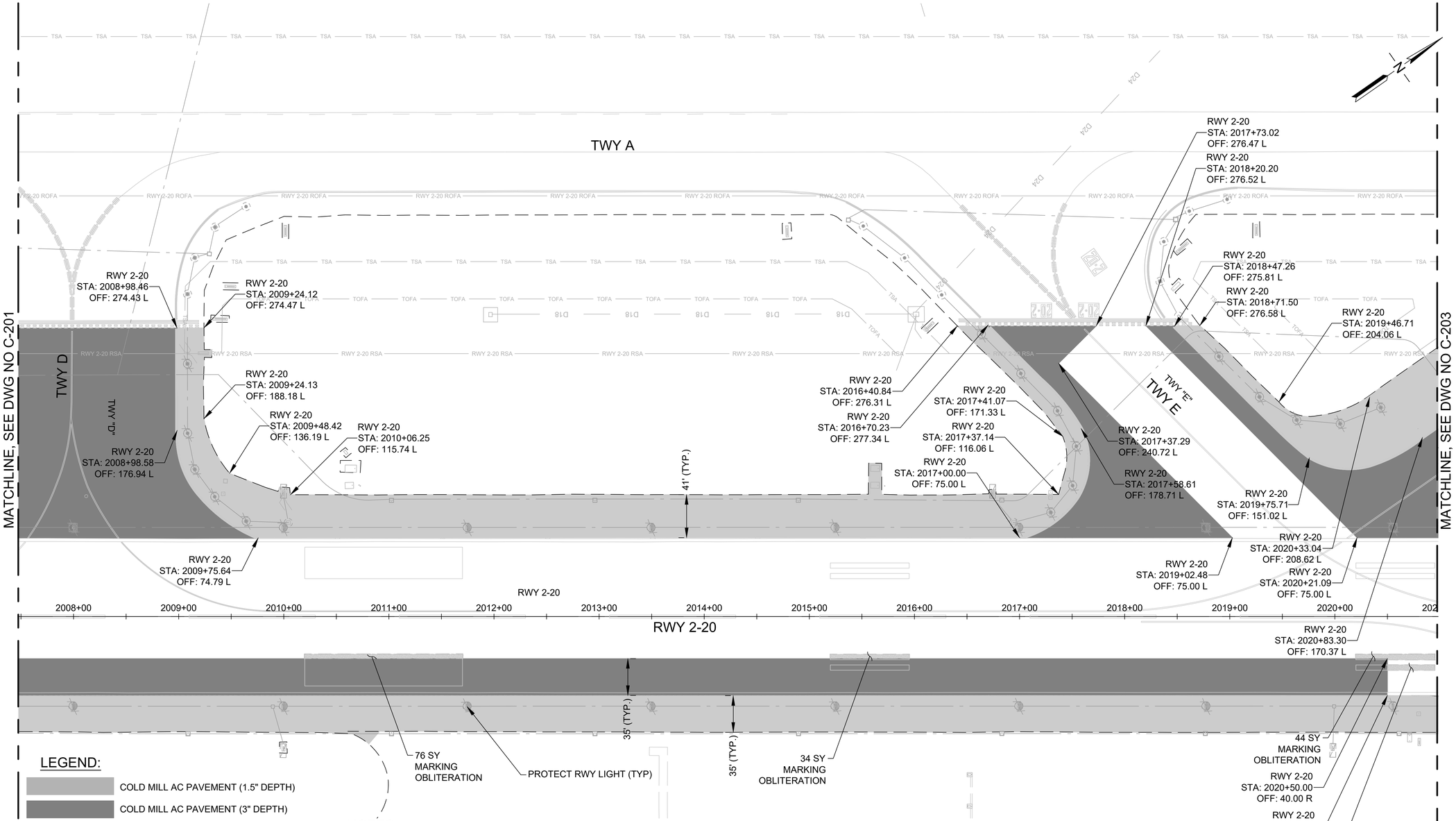
SHEET TITLE:

CIVIL DEMOLITION PLAN 1

DATE :	DWG. NO.
08/10/2026	C-201
SHEET :	
22 OF 74 SHEETS	

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_022_C-201.DWG

Xref ..\Production Base Dwgs\XR-K220 BDR.dwg



LEGEND:

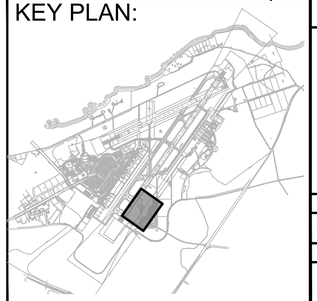
- COLD MILL AC PAVEMENT (1.5" DEPTH)
- COLD MILL AC PAVEMENT (3" DEPTH)
- MARKING TO BE OBLITERATED
- EDGE LIGHT
- AIRFIELD SIGNAGE
- UTILITY BOX
- ELECTRICAL BOX
- ELECTRICAL MANHOLE
- HANDHOLE
- STORM MANHOLE
- D24 — 24 IN STORM PIPE
- D30 — 30 IN STORM PIPE
- ELECTRICAL LINE (ELECTRICAL/LIGHTING (SEE E-101)
- X — X — ELECTRICAL DEMO LINE (ELECTRICAL/LIGHTING (SEE E-101)

NOTES:

1. CONTRACTOR SHALL LOCATE AND PROTECT ALL UTILITIES, STRUCTURES, AND PAVED AREAS TO REMAIN. SAWCUTTING SHALL BE CAREFULLY CONTROLLED TO PREVENT DAMAGE TO ADJACENT PAVEMENT, THE UNDERLAYING MATERIAL, OR EXISTING STRUCTURES TO REMAIN IN PLACE. ANY DAMAGE TO UTILITIES AND PAVED AREAS SHALL BE RESTORED / REPAIRED TO PRE-CONSTRUCTION CONDITIONS AT THE CONTRACTOR'S EXPENSE.
2. CONTRACTOR SHALL SAW CUT PAVEMENT ALONG MILLING WORK LIMITS.
3. FOLLOWING MILL OPERATION, RPR SHALL DETERMINE IF MILL DEPTH IS SUFFICIENT AND CONDITION OF MILLED SURFACE IS SATISFACTORY. CONTRACTOR SHALL MILL ADDITIONAL DEPTH AS DIRECTED BY RPR.
4. FILL ALL EXPOSED CRACKS VISIBLE ON MILLED SURFACE AS DIRECTED BY THE RPR AND AS SPECIFIED IN SECTION 02101.
5. CLEANUP OF WASTE MATERIAL SHALL BE CONTINUOUS DURING THE SAWCUTTING OPERATION AND ALL OTHER DEMOLITION ACTIVITIES. CLEANUP SHALL USE A VACUUM SWEEPER.
6. ASPHALT MILLING SHALL BE HAULED OFF SITE.
7. REFER TO PHASING PLANS FOR HAUL ROUTES AND STAGING AREAS.

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

KEY PLAN:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

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Brent Nakaoka — 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

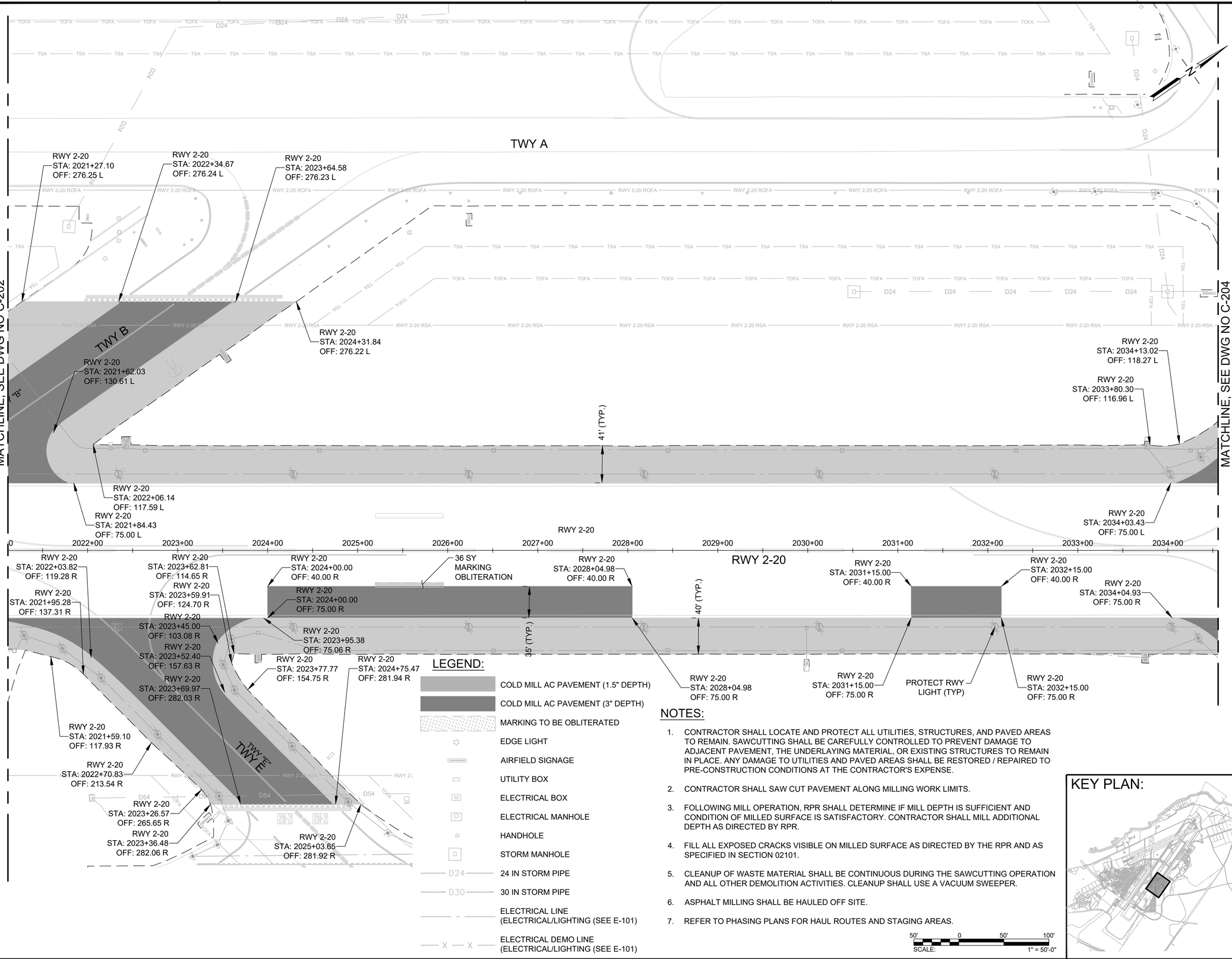
AM1022-25

SHEET TITLE:

CIVIL DEMOLITION PLAN 2

DATE :	DWG. NO.
08/10/2026	C-202
SHEET :	
23 OF 74 SHEETS	

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_023_C-202.DWG



LEGEND:

- COLD MILL AC PAVEMENT (1.5" DEPTH)
- COLD MILL AC PAVEMENT (3" DEPTH)
- MARKING TO BE OBLITERATED
- EDGE LIGHT
- AIRFIELD SIGNAGE
- UTILITY BOX
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- STORM MANHOLE
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- ELECTRICAL LINE (ELECTRICAL/LIGHTING (SEE E-101)
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NOTES:

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2. CONTRACTOR SHALL SAW CUT PAVEMENT ALONG MILLING WORK LIMITS.
3. FOLLOWING MILL OPERATION, RPR SHALL DETERMINE IF MILL DEPTH IS SUFFICIENT AND CONDITION OF MILLED SURFACE IS SATISFACTORY. CONTRACTOR SHALL MILL ADDITIONAL DEPTH AS DIRECTED BY RPR.
4. FILL ALL EXPOSED CRACKS VISIBLE ON MILLED SURFACE AS DIRECTED BY THE RPR AND AS SPECIFIED IN SECTION 02101.
5. CLEANUP OF WASTE MATERIAL SHALL BE CONTINUOUS DURING THE SAWCUTTING OPERATION AND ALL OTHER DEMOLITION ACTIVITIES. CLEANUP SHALL USE A VACUUM SWEEPER.
6. ASPHALT MILLING SHALL BE HAULED OFF SITE.
7. REFER TO PHASING PLANS FOR HAUL ROUTES AND STAGING AREAS.

SCALE: 50' 0 50' 100' — 1" = 50'-0"

KEY PLAN:

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
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.")

Brent Nakaoka — 04/30/2026
Signature — 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

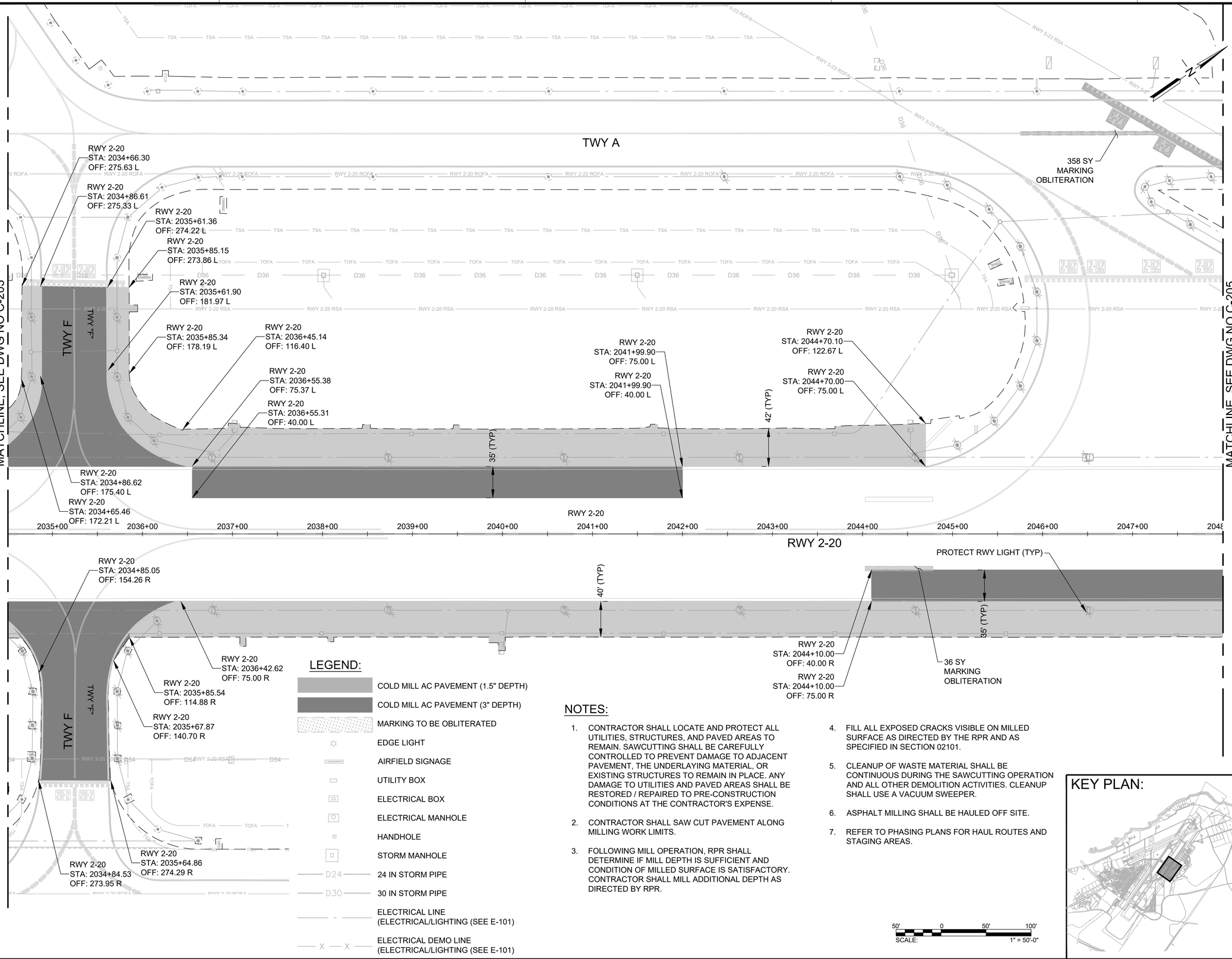
AM1022-25

SHEET TITLE:

CIVIL DEMOLITION PLAN 3

DATE :	DWG. NO.
08/10/2026	C-203
SHEET :	
24 OF 74 SHEETS	

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_024_C-203.DWG



LEGEND:

- COLD MILL AC PAVEMENT (1.5" DEPTH)
- COLD MILL AC PAVEMENT (3" DEPTH)
- MARKING TO BE OBLITERATED
- EDGE LIGHT
- AIRFIELD SIGNAGE
- UTILITY BOX
- ELECTRICAL BOX
- ELECTRICAL MANHOLE
- HANDHOLE
- STORM MANHOLE
- D24 — 24 IN STORM PIPE
- D30 — 30 IN STORM PIPE
- ELECTRICAL LINE (ELECTRICAL/LIGHTING (SEE E-101)
- X — X — ELECTRICAL DEMO LINE (ELECTRICAL/LIGHTING (SEE E-101)

NOTES:

1. CONTRACTOR SHALL LOCATE AND PROTECT ALL UTILITIES, STRUCTURES, AND PAVED AREAS TO REMAIN. SAWCUTTING SHALL BE CAREFULLY CONTROLLED TO PREVENT DAMAGE TO ADJACENT PAVEMENT, THE UNDERLAYING MATERIAL, OR EXISTING STRUCTURES TO REMAIN IN PLACE. ANY DAMAGE TO UTILITIES AND PAVED AREAS SHALL BE RESTORED / REPAIRED TO PRE-CONSTRUCTION CONDITIONS AT THE CONTRACTOR'S EXPENSE.
2. CONTRACTOR SHALL SAW CUT PAVEMENT ALONG MILLING WORK LIMITS.
3. FOLLOWING MILL OPERATION, RPR SHALL DETERMINE IF MILL DEPTH IS SUFFICIENT AND CONDITION OF MILLED SURFACE IS SATISFACTORY. CONTRACTOR SHALL MILL ADDITIONAL DEPTH AS DIRECTED BY RPR.
4. FILL ALL EXPOSED CRACKS VISIBLE ON MILLED SURFACE AS DIRECTED BY THE RPR AND AS SPECIFIED IN SECTION 02101.
5. CLEANUP OF WASTE MATERIAL SHALL BE CONTINUOUS DURING THE SAWCUTTING OPERATION AND ALL OTHER DEMOLITION ACTIVITIES. CLEANUP SHALL USE A VACUUM SWEEPER.
6. ASPHALT MILLING SHALL BE HAULED OFF SITE.
7. REFER TO PHASING PLANS FOR HAUL ROUTES AND STAGING AREAS.

SCALE: 50' 0 50' 100' — 1" = 50'-0"

KEY PLAN:

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka — 04/30/2026
Signature — 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

CIVIL DEMOLITION PLAN 4

DATE :	DWG. NO.
08/10/2026	C-204
SHEET :	
25 OF 74 SHEETS	

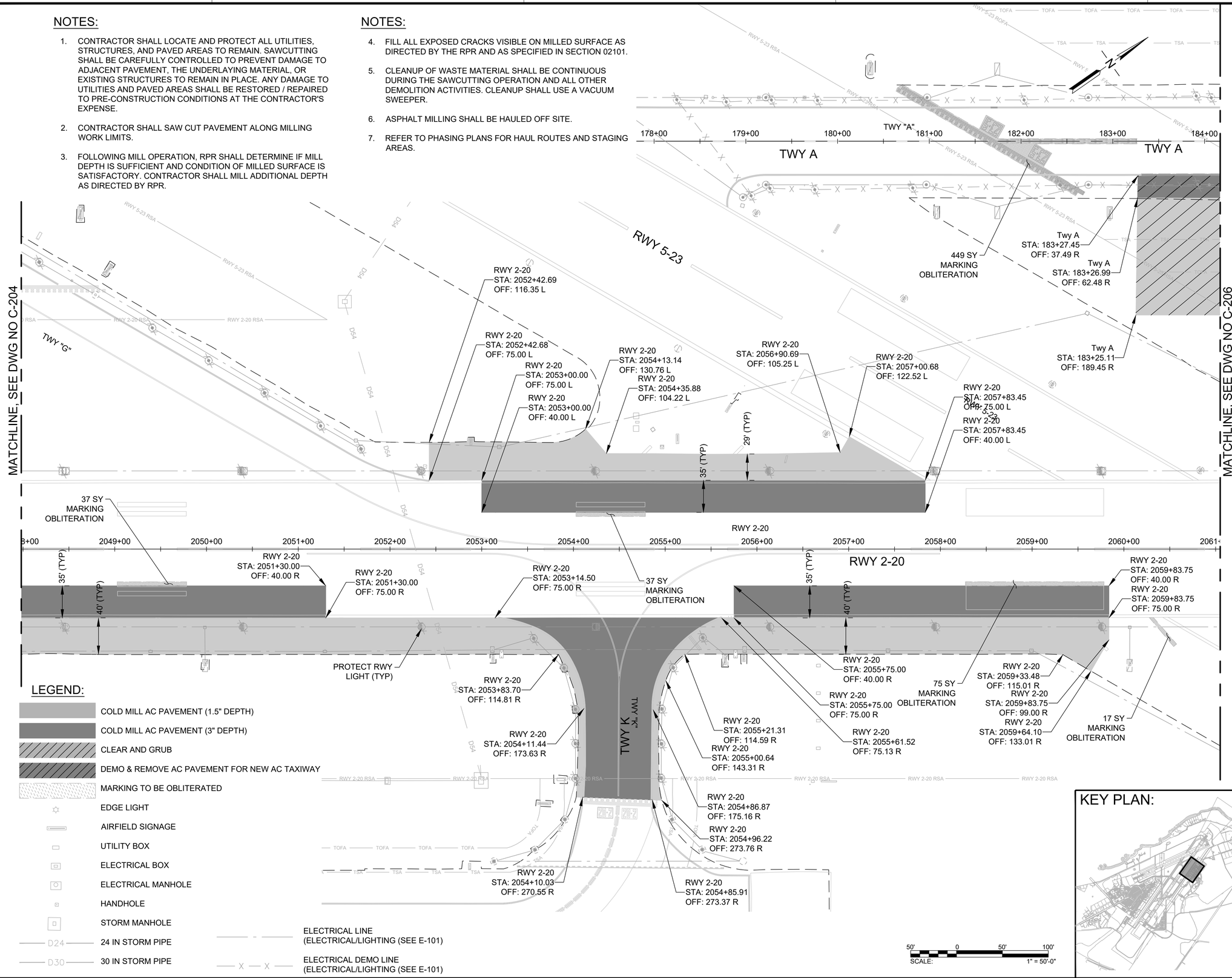
K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25-AM1022-25_025_C-204.DWG

NOTES:

1. CONTRACTOR SHALL LOCATE AND PROTECT ALL UTILITIES, STRUCTURES, AND PAVED AREAS TO REMAIN. SAWCUTTING SHALL BE CAREFULLY CONTROLLED TO PREVENT DAMAGE TO ADJACENT PAVEMENT, THE UNDERLAYING MATERIAL, OR EXISTING STRUCTURES TO REMAIN IN PLACE. ANY DAMAGE TO UTILITIES AND PAVED AREAS SHALL BE RESTORED / REPAIRED TO PRE-CONSTRUCTION CONDITIONS AT THE CONTRACTOR'S EXPENSE.
2. CONTRACTOR SHALL SAW CUT PAVEMENT ALONG MILLING WORK LIMITS.
3. FOLLOWING MILL OPERATION, RPR SHALL DETERMINE IF MILL DEPTH IS SUFFICIENT AND CONDITION OF MILLED SURFACE IS SATISFACTORY. CONTRACTOR SHALL MILL ADDITIONAL DEPTH AS DIRECTED BY RPR.

NOTES:

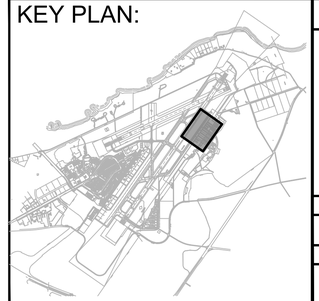
4. FILL ALL EXPOSED CRACKS VISIBLE ON MILLED SURFACE AS DIRECTED BY THE RPR AND AS SPECIFIED IN SECTION 02101.
5. CLEANUP OF WASTE MATERIAL SHALL BE CONTINUOUS DURING THE SAWCUTTING OPERATION AND ALL OTHER DEMOLITION ACTIVITIES. CLEANUP SHALL USE A VACUUM SWEEPER.
6. ASPHALT MILLING SHALL BE HAULED OFF SITE.
7. REFER TO PHASING PLANS FOR HAUL ROUTES AND STAGING AREAS.



LEGEND:

- COLD MILL AC PAVEMENT (1.5" DEPTH)
- COLD MILL AC PAVEMENT (3" DEPTH)
- CLEAR AND GRUB
- DEMO & REMOVE AC PAVEMENT FOR NEW AC TAXIWAY
- MARKING TO BE OBLITERATED
- EDGE LIGHT
- AIRFIELD SIGNAGE
- UTILITY BOX
- ELECTRICAL BOX
- ELECTRICAL MANHOLE
- HANDHOLE
- STORM MANHOLE
- D24 — 24 IN STORM PIPE
- D30 — 30 IN STORM PIPE
- ELECTRICAL LINE (ELECTRICAL/LIGHTING (SEE E-101)
- X — X — ELECTRICAL DEMO LINE (ELECTRICAL/LIGHTING (SEE E-101)

KEY PLAN:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

CIVIL DEMOLITION PLAN 5

DATE : **08/10/2026**

SHEET : 26 OF 74 SHEETS

DWG. NO. **C-205**

K:\civil\2374\5 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_026_C-205.DWG

NOTES:

1. CONTRACTOR SHALL LOCATE AND PROTECT ALL UTILITIES, STRUCTURES, AND PAVED AREAS TO REMAIN. SAWCUTTING SHALL BE CAREFULLY CONTROLLED TO PREVENT DAMAGE TO ADJACENT PAVEMENT, THE UNDERLAYING MATERIAL, OR EXISTING STRUCTURES TO REMAIN IN PLACE. ANY DAMAGE TO UTILITIES AND PAVED AREAS SHALL BE RESTORED / REPAIRED TO PRE-CONSTRUCTION CONDITIONS AT THE CONTRACTOR'S EXPENSE.
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5. CLEANUP OF WASTE MATERIAL SHALL BE CONTINUOUS DURING THE SAWCUTTING OPERATION AND ALL OTHER DEMOLITION ACTIVITIES. CLEANUP SHALL USE A VACUUM SWEEPER.
6. ASPHALT MILLING SHALL BE HAULED OFF SITE.
7. REFER TO PHASING PLANS FOR HAUL ROUTES AND STAGING AREAS.

MATCHLINE, SEE DWG NO C-205

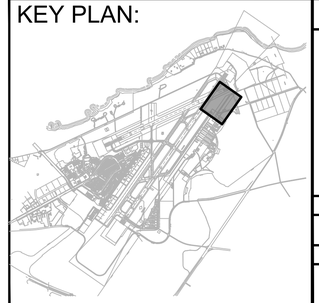
Twy A STA: 186+90.33 OFF: 62.59 L
Twy A STA: 186+90.33 OFF: 37.59 L
202 SY MARKING OBLITERATION
Twy A STA: 187+90.63 OFF: 60.20 R
Twy A STA: 187+34.10 OFF: 36.87 R
Twy A STA: 188+31.68 OFF: 62.50 L
Twy A STA: 188+31.68 OFF: 37.50 L
238 SY MARKING OBLITERATION
130 SY MARKING OBLITERATION
Twy A STA: 188+51.54 OFF: 41.76 R
Twy A STA: 190+47.36 OFF: 19.44 L
185+00 186+00 187+00 188+00 189+00 190+00 191+00 192+00 193+00 194+00 195+00 196+00 197+00 197+07
TWY A
TWY "A+"
RWY 2-20 ROFA
RWY 2-20 RSA
RWY 5-23 RSA
RWY 2-20 STA: 2067+04.33 OFF: 251.70 L
RWY 2-20 STA: 2067+25.87 OFF: 238.84 L
RWY 2-20 STA: 2068+93.85 OFF: 315.23 L
87 SY MARKING OBLITERATION
RWY 2-20 STA: 2069+88.20 OFF: 124.24 L
RWY 2-20 STA: 2070+12.89 OFF: 135.66 L
RWY 2-20 STA: 2070+22.30 OFF: 135.66 L
RWY 2-20 STA: 2061+37.96 OFF: 114.86 L
RWY 2-20 STA: 2061+59.32 OFF: 152.38 L
6 SY MARKING OBLITERATION
RWY 2-20 STA: 2061+37.96 OFF: 75.00 L
RWY 2-20 STA: 2062+25.16 OFF: 114.87 L
RWY 2-20 STA: 2061+37.96 OFF: 40.00 L
Twy A STA: 189+25.44 OFF: 46.95 R
Twy A STA: 189+55.71 OFF: 49.07 R
Twy A STA: 189+54.27 OFF: 69.44 R
Twy A STA: 189+60.78 OFF: 101.43 R
Twy A STA: 189+72.11 OFF: 125.50 R
Twy A STA: 190+40.68 OFF: 75.20 R
Twy A STA: 190+42.09 OFF: 55.21 R
RWY 2-20 STA: 2068+82.89 OFF: 292.76 L
RWY 2-20 STA: 2067+61.76 OFF: 152.23 L
RWY 2-20 STA: 2067+29.96 OFF: 115.14 L
PROTECT RWY LIGHT (TYP)
36 SY MARKING OBLITERATION
40' (TYP)
35' (TYP)
25' (TYP)
38' (TYP)
20'
25'
95'
RWY 2-20 STA: 2067+05.09 OFF: 40.00 L
RWY 2-20 STA: 2067+05.09 OFF: 75.31 L
RWY 2-20 STA: 2073+93.81 OFF: 111.44 L
RWY 2-20 STA: 2070+22.48 OFF: 111.50 L
RWY 2-20 STA: 2069+95.00 OFF: 75.00 L
223'
2062+00 2063+00 2064+00 2065+00 2066+00 2067+00 2068+00 2069+00 2070+00 2071+00 2072+00 2073+00 2074+00
RWY 2-20
RWY 2-20 STA: 2063+40.04 OFF: 40.00 R
RWY 2-20 STA: 2063+40.04 OFF: 70.97 R
23' (TYP)
35' (TYP)
RWY 2-20 STA: 2065+00.00 OFF: 75.00 R
RWY 2-20 STA: 2065+00.00 OFF: 98.46 R
36 SY MARKING OBLITERATION
17 SY MARKING OBLITERATION
RWY 2-20 STA: 2067+81.96 OFF: 75.00 R
RWY 2-20 STA: 2067+81.96 OFF: 40.00 R
RWY 2-20 STA: 2067+76.15 OFF: 98.46 R
RWY 2-20 STA: 2068+30.40 OFF: 109.72 R
RWY 2-20 STA: 2068+09.88 OFF: 122.18 R
RWY 2-20 STA: 2068+16.61 OFF: 147.58 R
RWY 2-20 STA: 2068+39.30 OFF: 160.52 R
RWY 2-20 STA: 2069+95.00 OFF: 75.00 R
RWY 2-20 STA: 2069+73.35 OFF: 75.00 R
RWY 2-20 STA: 2069+91.80 OFF: 124.10 R
RWY 2-20 STA: 2069+56.17 OFF: 135.35 R
RWY 2-20 STA: 2069+31.61 OFF: 191.07 R
RWY 2-20 STA: 2069+37.41 OFF: 216.45 R
RWY 2-20 STA: 2069+22.88 OFF: 208.17 R
RWY 2-20 STA: 2073+93.26 OFF: 110.06 R

LEGEND:

- COLD MILL AC PAVEMENT (1.5" DEPTH)
- COLD MILL AC PAVEMENT (3" DEPTH)
- CLEAR AND GRUB
- DEMO & REMOVE AC PAVEMENT FOR NEW AC TAXIWAY
- MARKING TO BE OBLITERATED
- EDGE LIGHT
- AIRFIELD SIGNAGE
- UTILITY BOX
- ELECTRICAL BOX
- ELECTRICAL MANHOLE
- HANDHOLE
- STORM MANHOLE
- D24 — 24 IN STORM PIPE
- D30 — 30 IN STORM PIPE
- ELECTRICAL LINE (ELECTRICAL/LIGHTING (SEE E-101)
- X — X — ELECTRICAL DEMO LINE (ELECTRICAL/LIGHTING (SEE E-101)

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

KEY PLAN:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka 04/30/2026
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

CIVIL DEMOLITION PLAN 6

DATE :	DWG. NO.
08/10/2026	C-206
SHEET :	
27 OF 74 SHEETS	

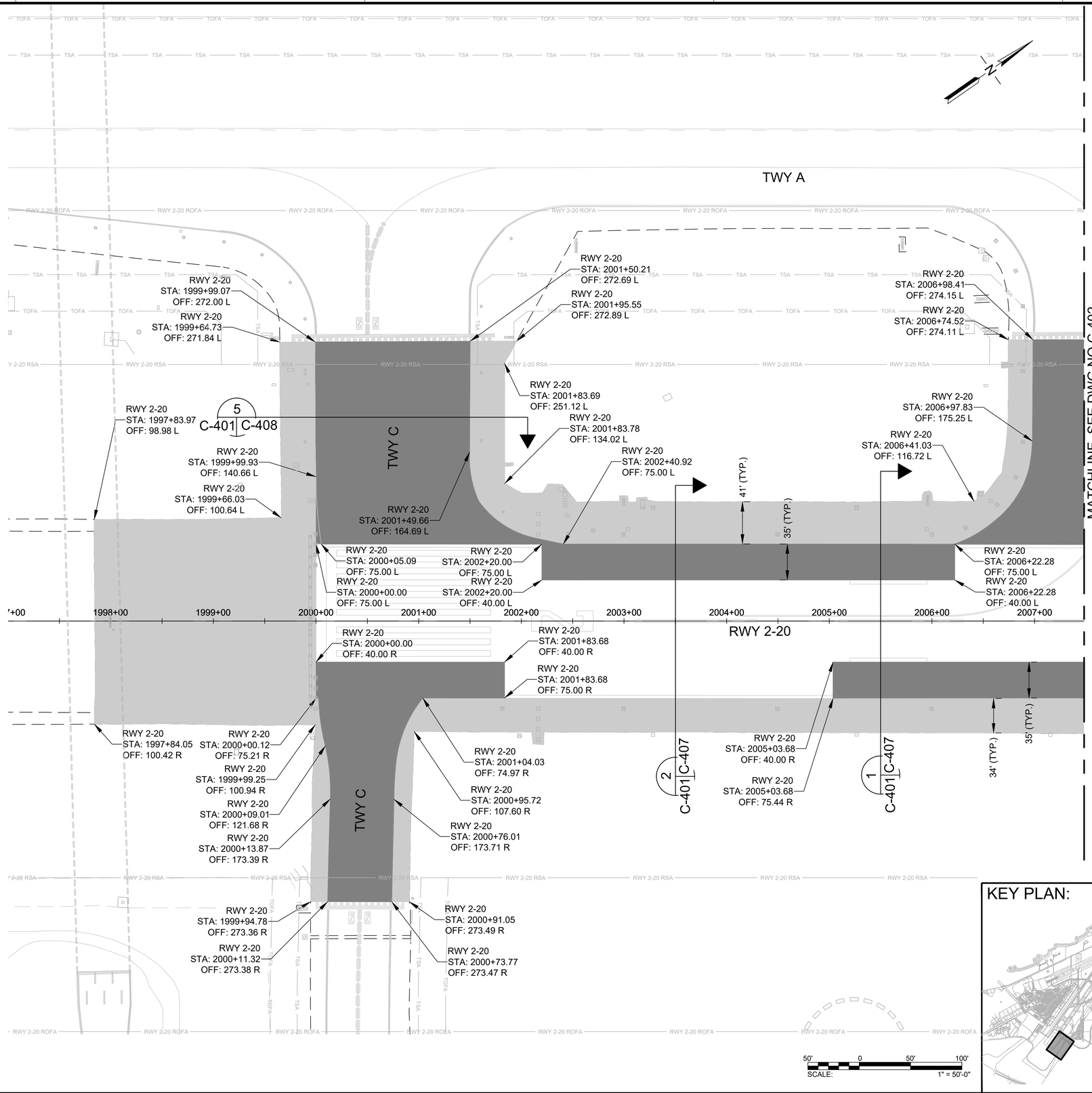
K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25_027_C-206.DWG

NOTES:

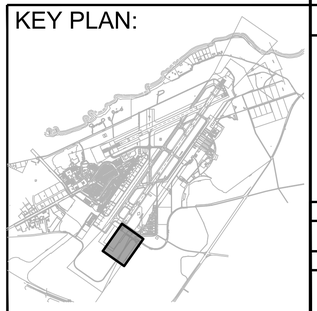
1. SEE PAVING DETAILS FOR A TYPICAL SECTION LAYOUT.
2. SEE PHASING PLANS FOR HAUL ROUTES AND STAGING AREAS.
3. UNDERGROUND UTILITIES NOT SHOWN FOR CLARITY.
4. CLEANUP OF WASTE MATERIAL SHALL BE CONTINUOUS DURING PAVING OPERATION AND ALL OTHER CONSTRUCTION ACTIVITIES. CLEANUPS SHALL USE A VACUUM SWEEPER.
5. WHENEVER PAVING EQUIPMENT IS PARKED OR IDLE, THE EQUIPMENT SHALL BE PLACED ON FULL DROP PROTECTION MEASURES.

LEGEND:

- AC PAVEMENT (1.5" DEPTH)
- AC PAVEMENT (3" DEPTH)
- EDGE LIGHT
- AIRFIELD SIGNAGE
- UTILITY BOX
- ELECTRICAL BOX
- ELECTRICAL MANHOLE
- HANDHOLE
- STORM MANHOLE



KEY PLAN:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
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No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka 04/30/2026
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

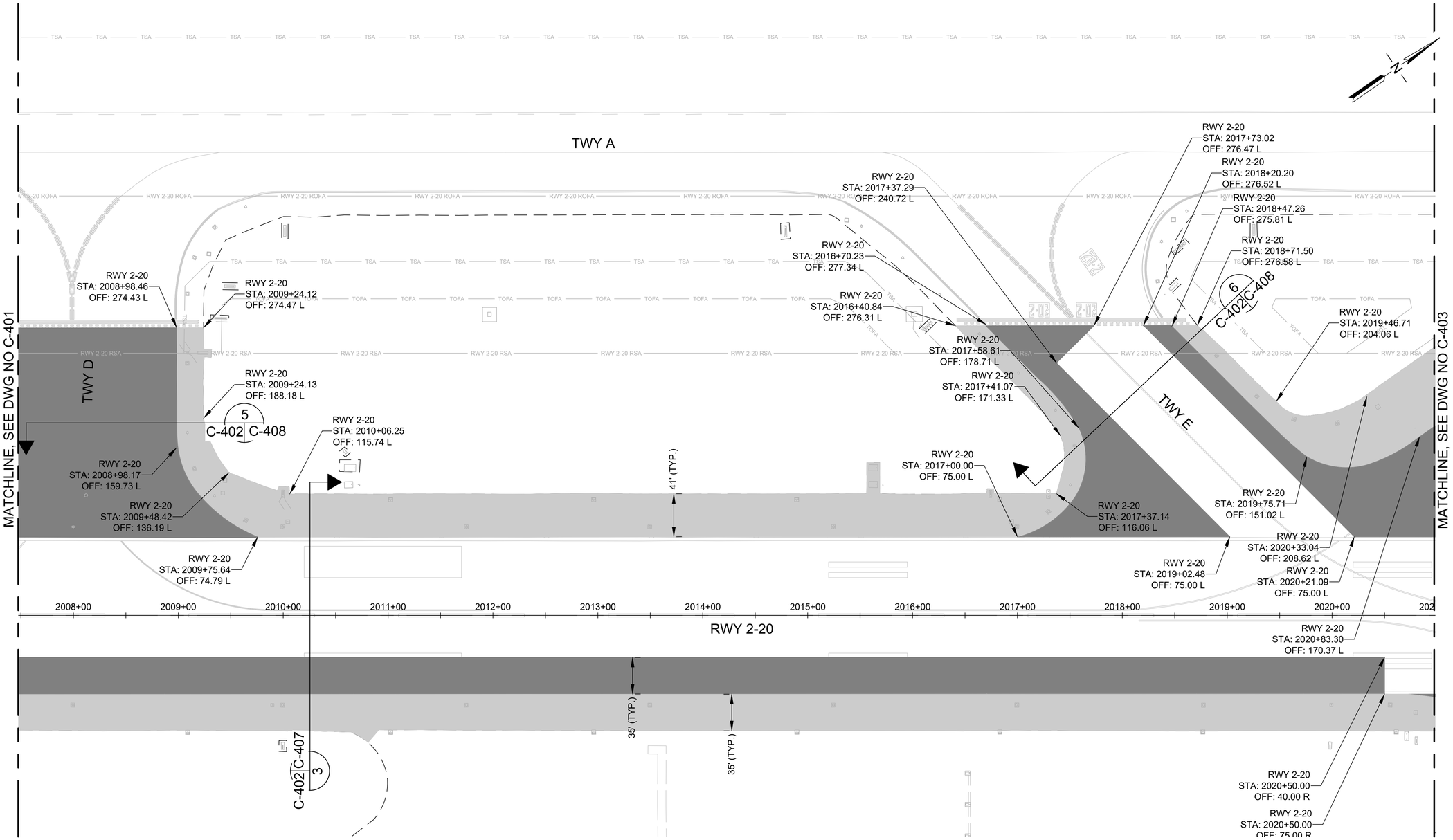
PAVING LAYOUT PLAN 1

DATE : **08/10/2026**

SHEET : 28 OF 74 SHEETS

DWG. NO. **C-401**

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LEGEND:

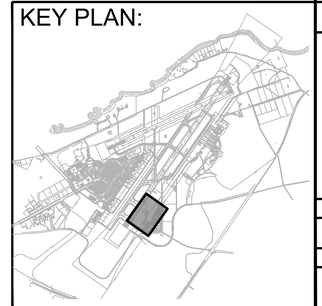
- AC PAVEMENT (1.5" DEPTH)
- AC PAVEMENT (3" DEPTH)
- EDGE LIGHT
- AIRFIELD SIGNAGE
- UTILITY BOX
- ELECTRICAL BOX
- ELECTRICAL MANHOLE
- HANDHOLE
- STORM MANHOLE

NOTES:

1. SEE PAVING DETAILS FOR A TYPICAL SECTION LAYOUT.
2. SEE PHASING PLANS FOR HAUL ROUTES AND STAGING AREAS.
3. UNDERGROUND UTILITIES NOT SHOWN FOR CLARITY.
4. CLEANUP OF WASTE MATERIAL SHALL BE CONTINUOUS DURING PAVING OPERATION AND ALL OTHER CONSTRUCTION ACTIVITIES. CLEANUPS SHALL USE A VACUUM SWEEPER.
5. WHENEVER PAVING EQUIPMENT IS PARKED OR IDLE, THE EQUIPMENT SHALL BE PLACED ON FULL DROP PROTECTION MEASURES.

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

KEY PLAN:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka 04/30/2026
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

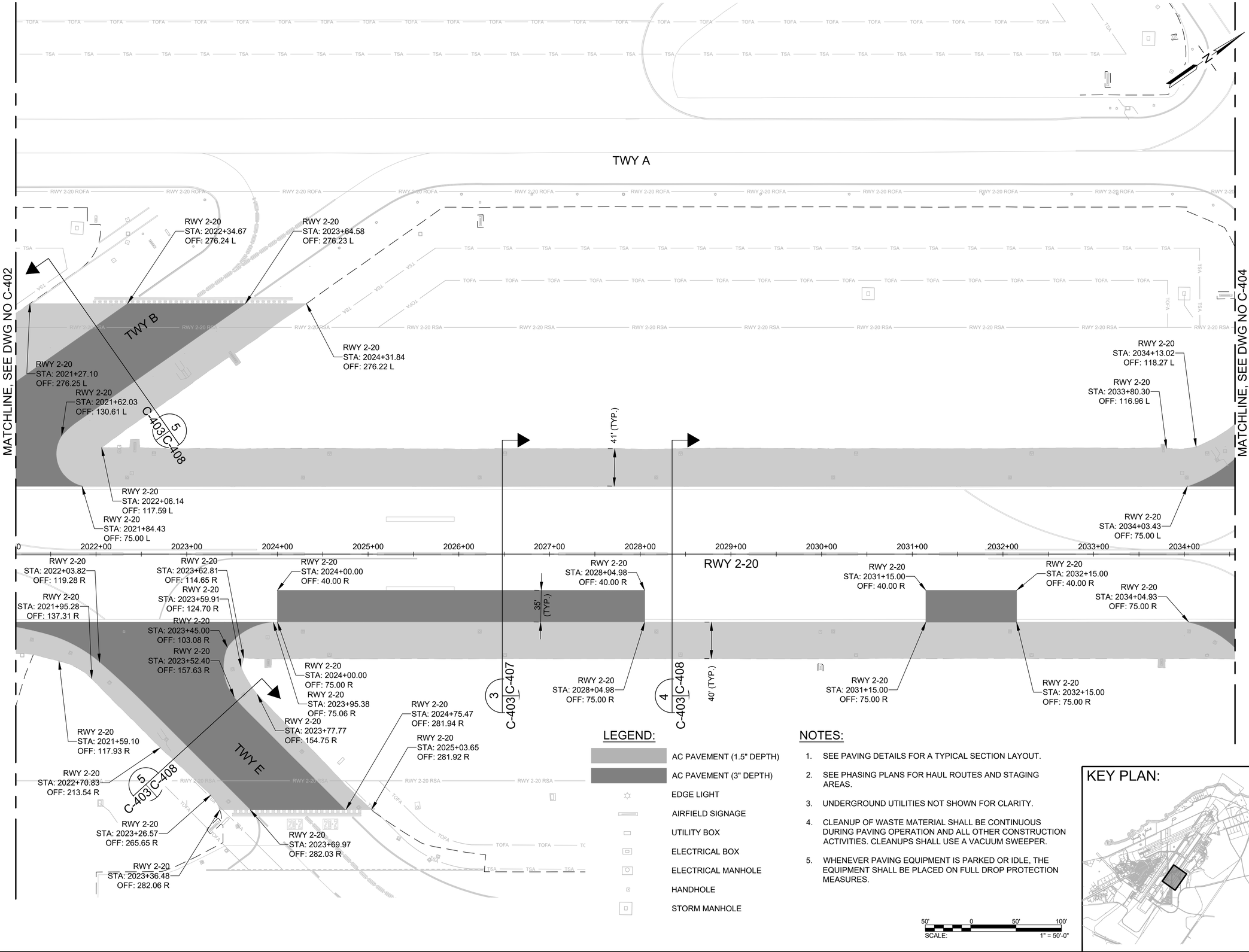
PAVING LAYOUT PLAN 2

DATE :
08/10/2026

SHEET :
29 OF 74 SHEETS

DWG. NO.
C-402

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\AM1022-25_029_C-402.DWG



LEGEND:

- AC PAVEMENT (1.5" DEPTH)
- AC PAVEMENT (3" DEPTH)
- EDGE LIGHT
- AIRFIELD SIGNAGE
- UTILITY BOX
- ELECTRICAL BOX
- ELECTRICAL MANHOLE
- HANDHOLE
- STORM MANHOLE

NOTES:

1. SEE PAVING DETAILS FOR A TYPICAL SECTION LAYOUT.
2. SEE PHASING PLANS FOR HAUL ROUTES AND STAGING AREAS.
3. UNDERGROUND UTILITIES NOT SHOWN FOR CLARITY.
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50' 0 50' 100'
SCALE: 1" = 50'-0"

KEY PLAN:

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka 04/30/2026
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

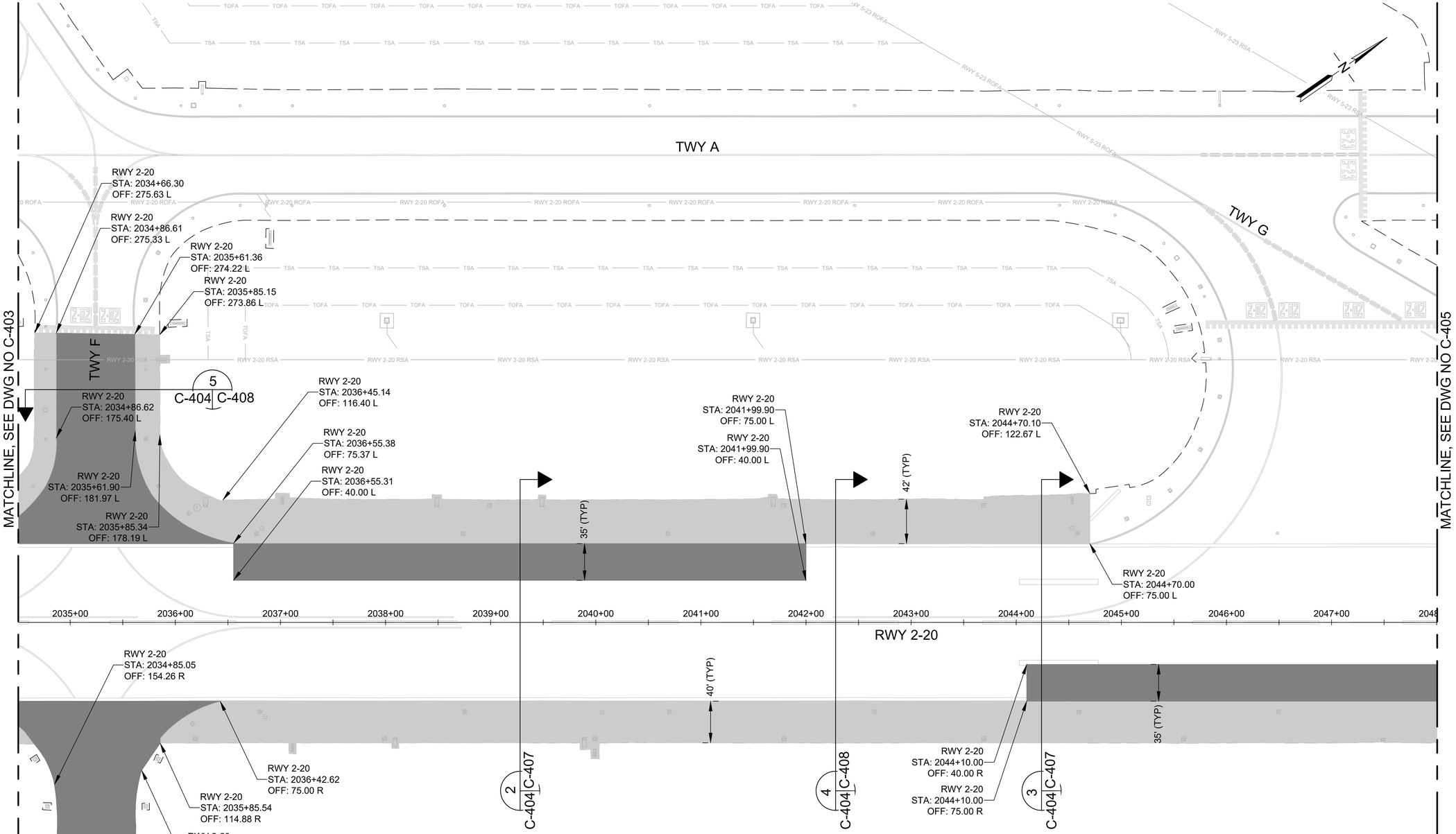
PAVING LAYOUT PLAN 3

DATE : **08/10/2026**

SHEET : 30 OF 74 SHEETS

DWG. NO. **C-403**

K:\civil\23\45 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_030_C-403.DWG



LEGEND:

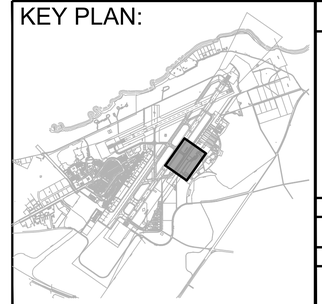
- AC PAVEMENT (1.5" DEPTH)
- AC PAVEMENT (3" DEPTH)
- EDGE LIGHT
- AIRFIELD SIGNAGE
- UTILITY BOX
- ELECTRICAL BOX
- ELECTRICAL MANHOLE
- HANDHOLE
- STORM MANHOLE

NOTES:

1. SEE PAVING DETAILS FOR A TYPICAL SECTION LAYOUT.
2. SEE PHASING PLANS FOR HAUL ROUTES AND STAGING AREAS.
3. UNDERGROUND UTILITIES NOT SHOWN FOR CLARITY.
4. CLEANUP OF WASTE MATERIAL SHALL BE CONTINUOUS DURING PAVING OPERATION AND ALL OTHER CONSTRUCTION ACTIVITIES. CLEANUPS SHALL USE A VACUUM SWEEPER.
5. WHENEVER PAVING EQUIPMENT IS PARKED OR IDLE, THE EQUIPMENT SHALL BE PLACED ON FULL DROP PROTECTION MEASURES.

SCALE: 50' 0 50' 100' — 1" = 50'-0"

KEY PLAN:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka — 04/30/2026
Signature — 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

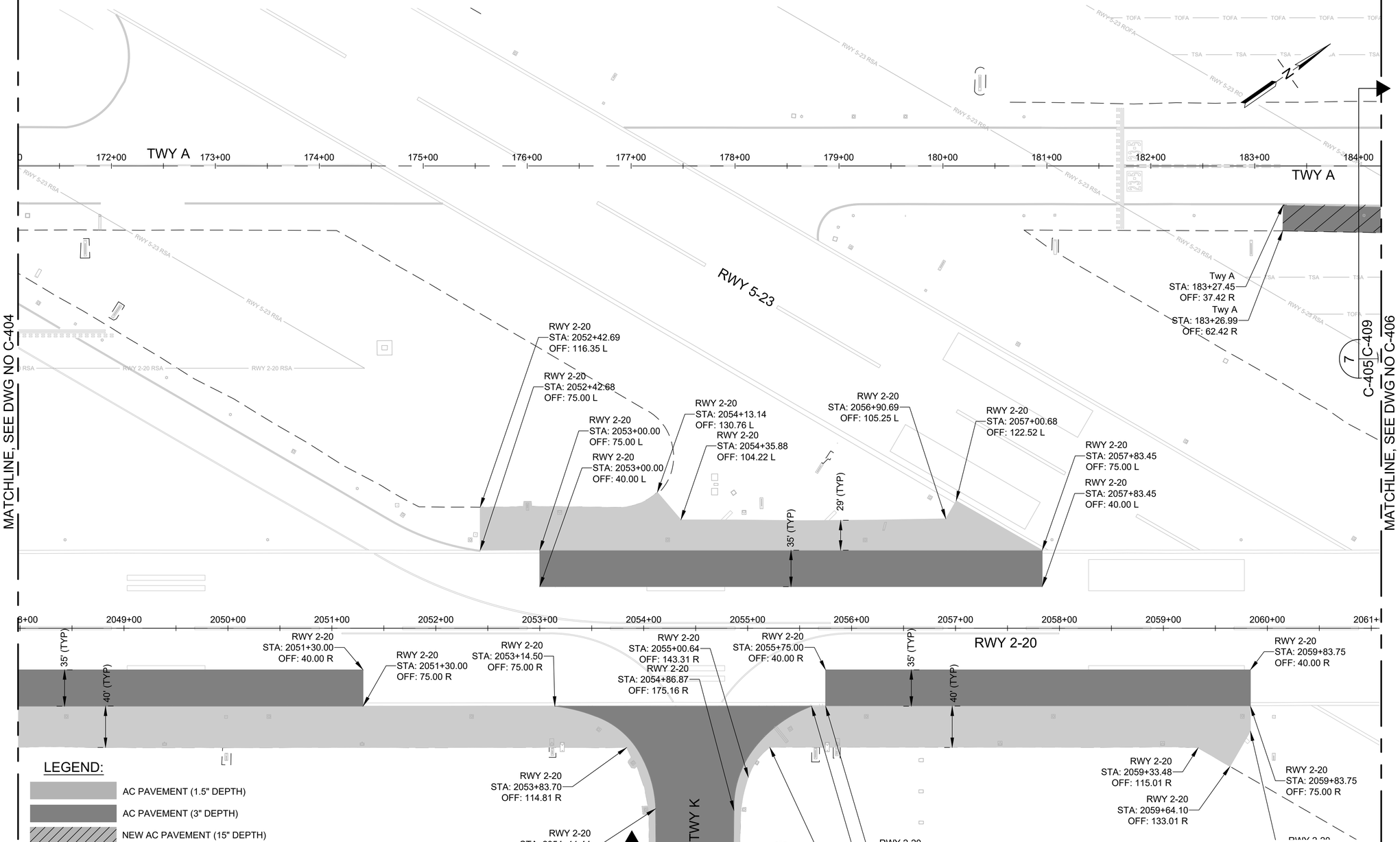
PAVING LAYOUT PLAN 4

DATE : **08/10/2026**

SHEET : 31 OF 74 SHEETS

DWG. NO. **C-404**

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_03_C-404.DWG



LEGEND:

- AC PAVEMENT (1.5" DEPTH)
- AC PAVEMENT (3" DEPTH)
- NEW AC PAVEMENT (15" DEPTH)
- NEW AC PAVEMENT (4" DEPTH)
- EDGE LIGHT
- AIRFIELD SIGNAGE
- UTILITY BOX
- ELECTRICAL BOX
- ELECTRICAL MANHOLE
- HANDHOLE
- STORM MANHOLE

NOTES:

1. SEE PAVING DETAILS FOR A TYPICAL SECTION LAYOUT.
2. SEE PHASING PLANS FOR HAUL ROUTES AND STAGING AREAS.
3. UNDERGROUND UTILITIES NOT SHOWN FOR CLARITY.
4. CLEANUP OF WASTE MATERIAL SHALL BE CONTINUOUS DURING PAVING OPERATION AND ALL OTHER CONSTRUCTION ACTIVITIES. CLEANUPS SHALL USE A VACUUM SWEEPER.
5. WHENEVER PAVING EQUIPMENT IS PARKED OR IDLE, THE EQUIPMENT SHALL BE PLACED ON FULL DROP PROTECTION MEASURES.

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

KEY PLAN:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka 04/30/2026
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

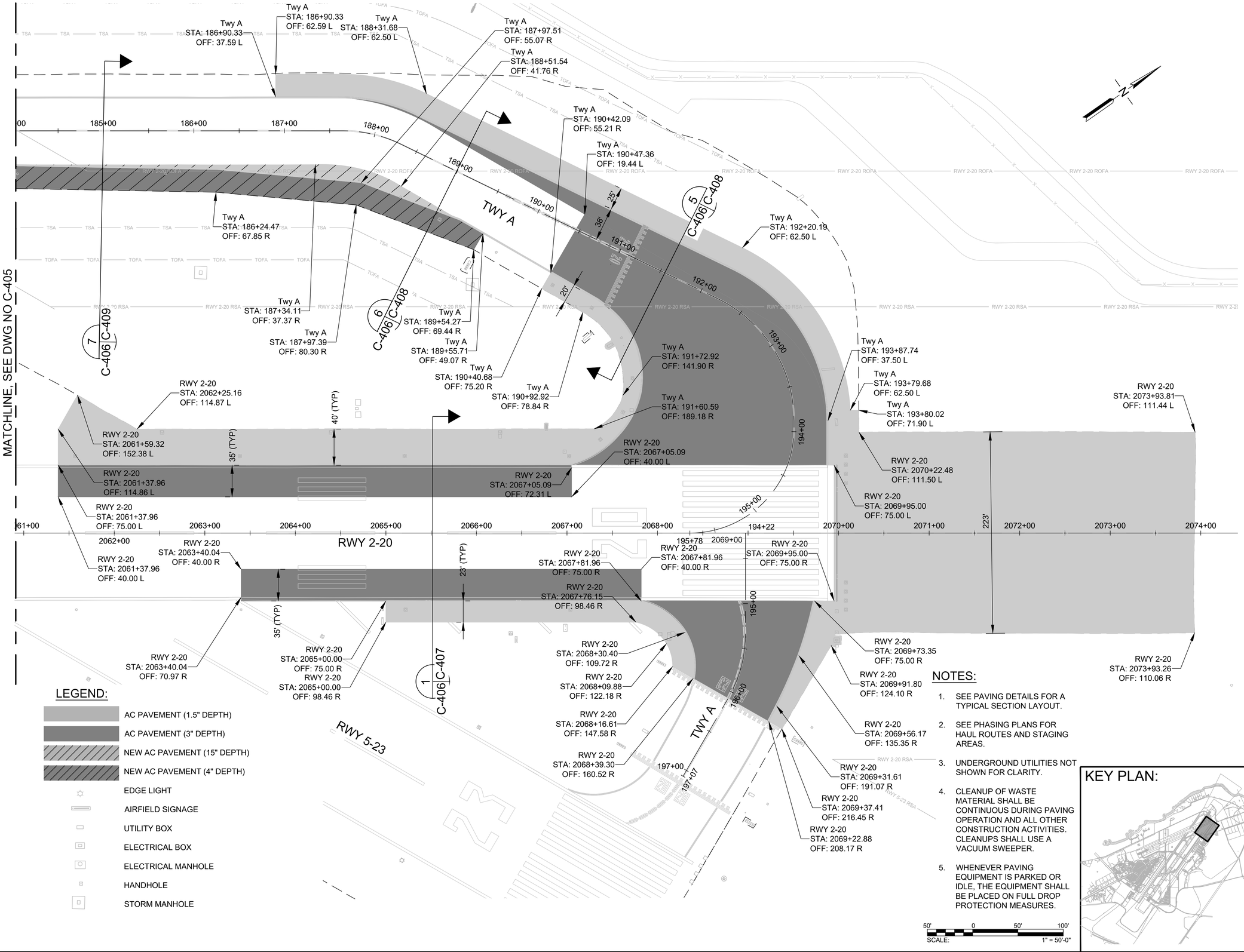
AM1022-25

SHEET TITLE:

PAVING LAYOUT PLAN 5

DATE :	DWG. NO.
08/10/2026	C-405
SHEET :	
32 OF 74 SHEETS	

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_032_C-405.DWG



LEGEND:

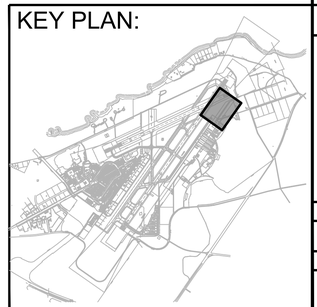
- AC PAVEMENT (1.5" DEPTH)
- AC PAVEMENT (3" DEPTH)
- NEW AC PAVEMENT (15" DEPTH)
- NEW AC PAVEMENT (4" DEPTH)
- EDGE LIGHT
- AIRFIELD SIGNAGE
- UTILITY BOX
- ELECTRICAL BOX
- ELECTRICAL MANHOLE
- HANDHOLE
- STORM MANHOLE

NOTES:

1. SEE PAVING DETAILS FOR A TYPICAL SECTION LAYOUT.
2. SEE PHASING PLANS FOR HAUL ROUTES AND STAGING AREAS.
3. UNDERGROUND UTILITIES NOT SHOWN FOR CLARITY.
4. CLEANUP OF WASTE MATERIAL SHALL BE CONTINUOUS DURING PAVING OPERATION AND ALL OTHER CONSTRUCTION ACTIVITIES. CLEANUPS SHALL USE A VACUUM SWEEPER.
5. WHENEVER PAVING EQUIPMENT IS PARKED OR IDLE, THE EQUIPMENT SHALL BE PLACED ON FULL DROP PROTECTION MEASURES.

SCALE: 50' 0 50' 100' — 1" = 50'-0"

KEY PLAN:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka 04/30/2026
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

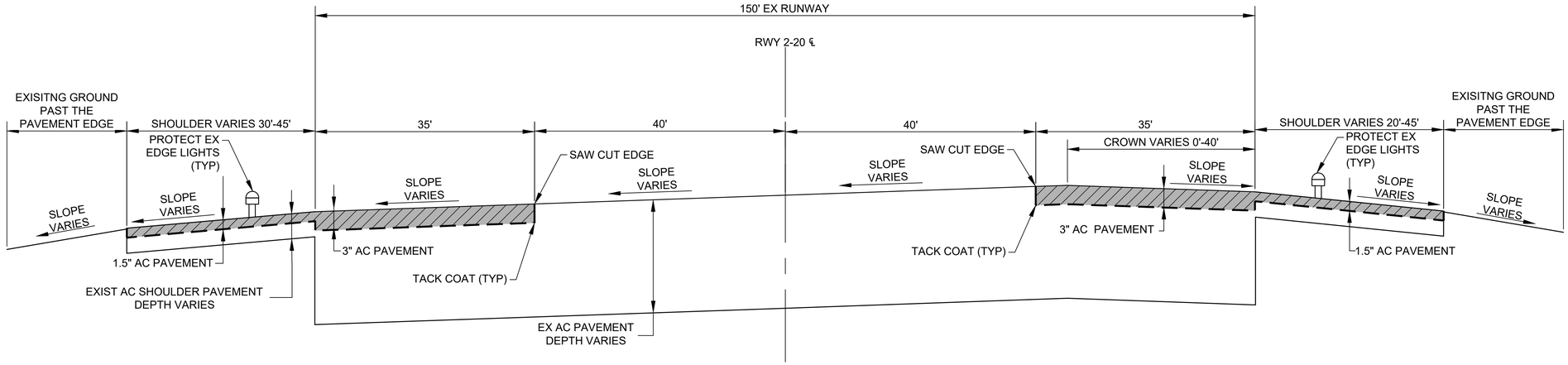
AM1022-25

SHEET TITLE:

PAVING LAYOUT PLAN 6

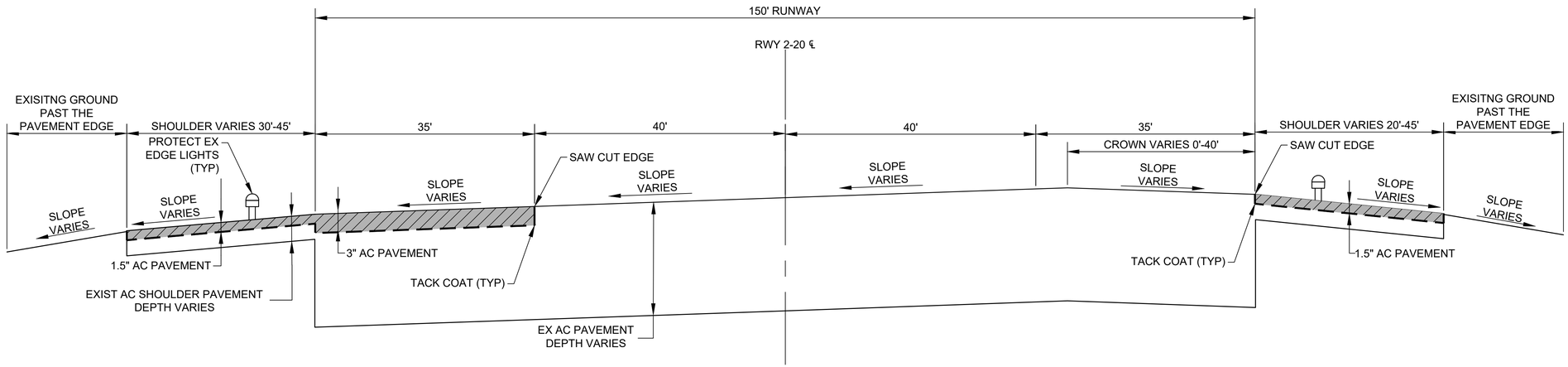
DATE :	DWG. NO.
08/10/2026	C-406
SHEET :	
33 OF 74 SHEETS	

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_033_C-406.DWG



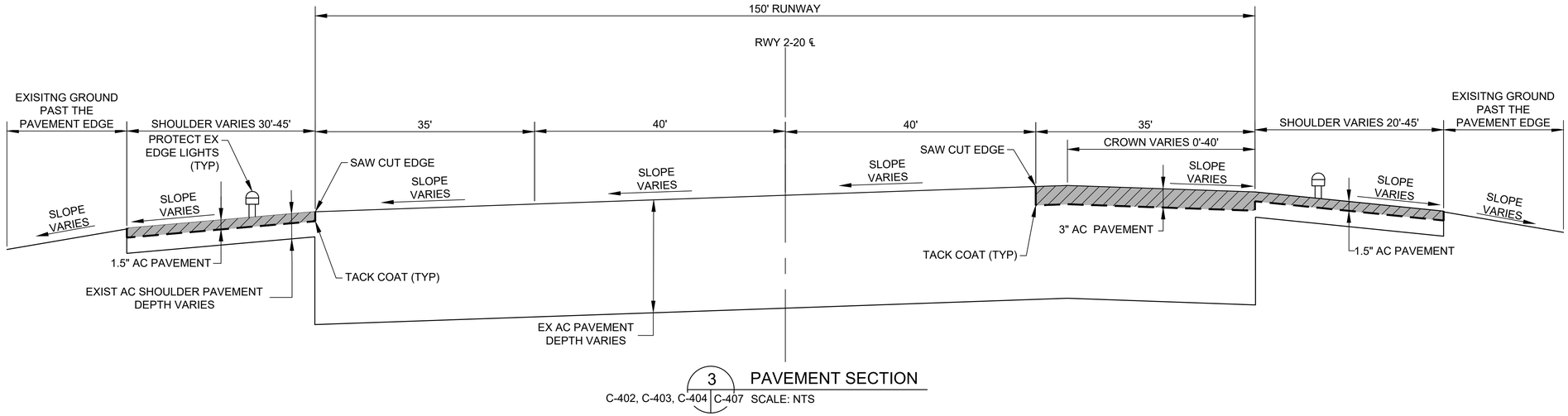
1 PAVEMENT SECTION

C-401, C-405, C-406 C-407 SCALE: NTS



2 PAVEMENT SECTION

C-401, C-404 C-407 SCALE: NTS



3 PAVEMENT SECTION

C-402, C-403, C-404 C-407 SCALE: NTS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
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Signature 04/30/2026 Lic. Exp. Date

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

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

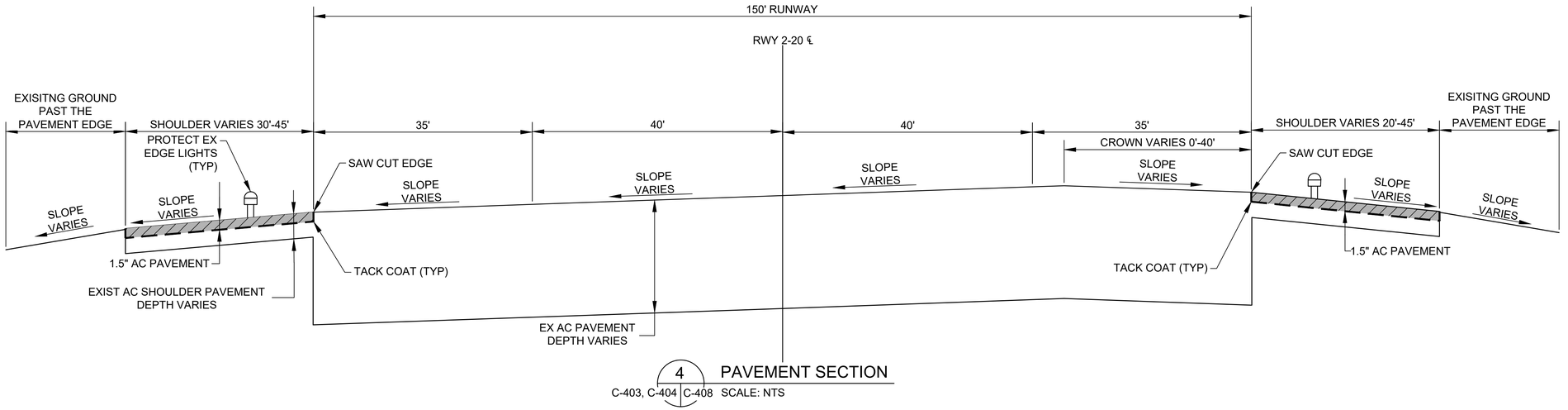
AM1022-25

SHEET TITLE:

PAVEMENT SECTIONS 1

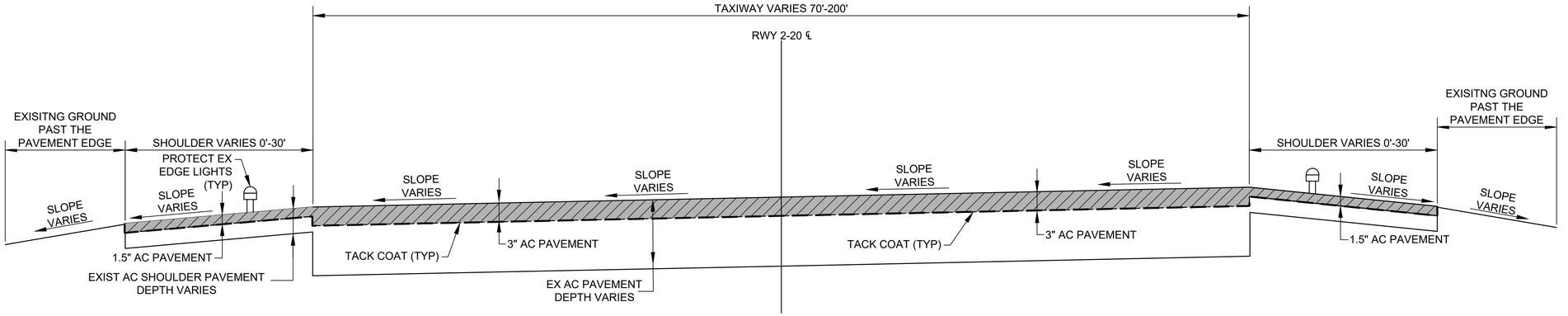
DATE :	DWG. NO.
08/10/2026	C-407
SHEET :	
34 OF 74 SHEETS	

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_034_C-407.DWG



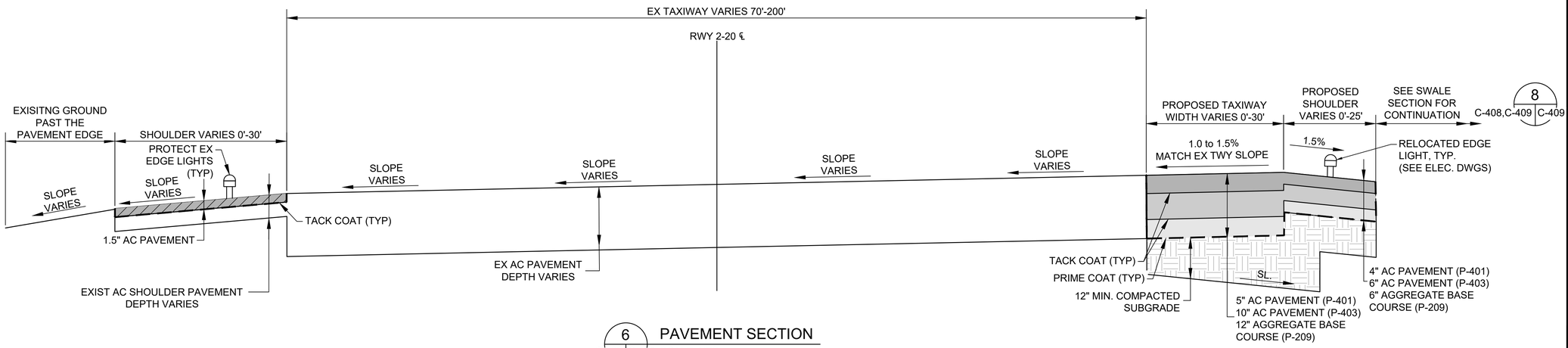
4 PAVEMENT SECTION

C-403, C-404 | C-408 SCALE: NTS



5 PAVEMENT SECTION

C-401-C-406 | C-408 SCALE: NTS



6 PAVEMENT SECTION

C-406 | C-408 SCALE: NTS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
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No. 11106-C
HAWAII, U.S.A.

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

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

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

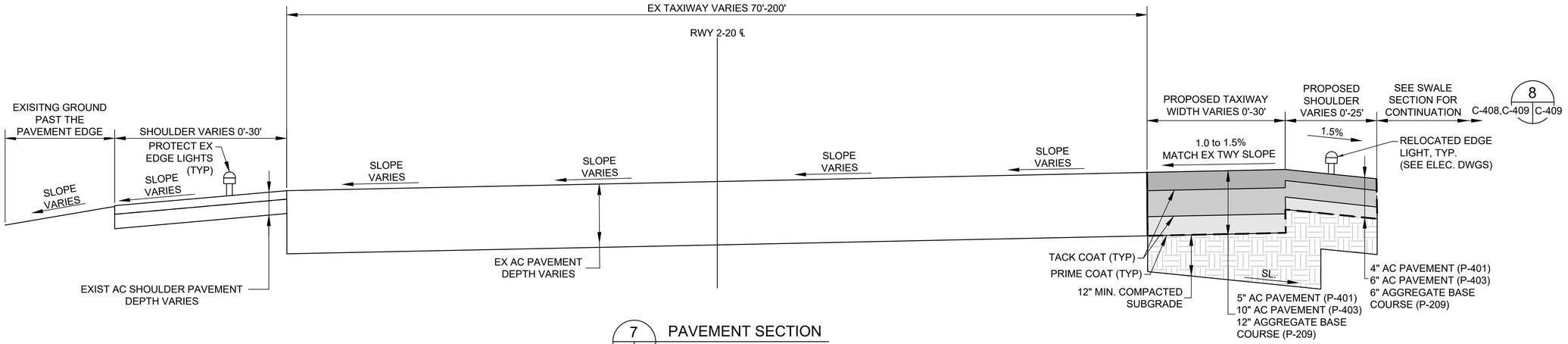
PAVEMENT SECTIONS 2

DATE : **08/10/2026**

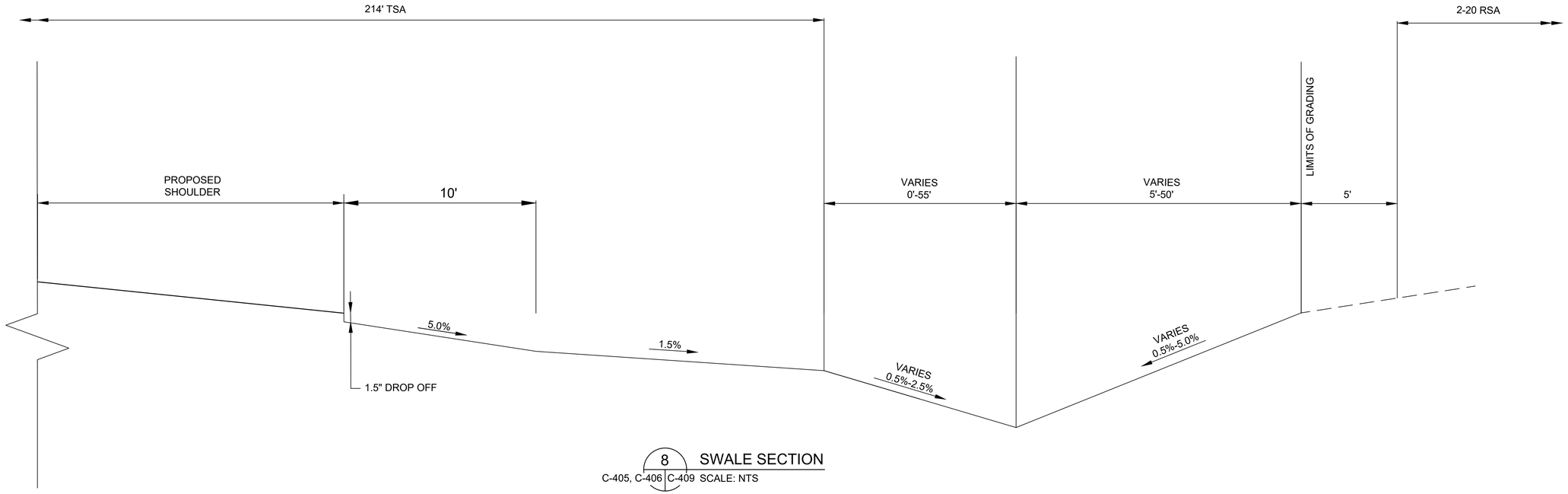
SHEET : 35 OF 74 SHEETS

DWG. NO. **C-408**

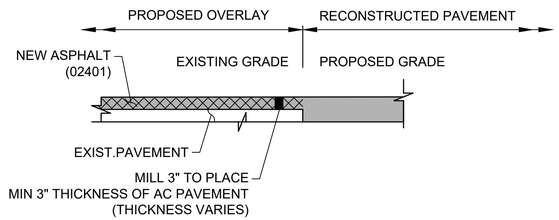
K:\civil\03745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_03S_C-408.DWG



7 PAVEMENT SECTION
C-406 C-409 SCALE: NTS



8 SWALE SECTION
C-405, C-406 C-409 SCALE: NTS



9 PAVEMENT CONNECTION DETAIL
C-406 C-409 SCALE: NTS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka 04/30/2026
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

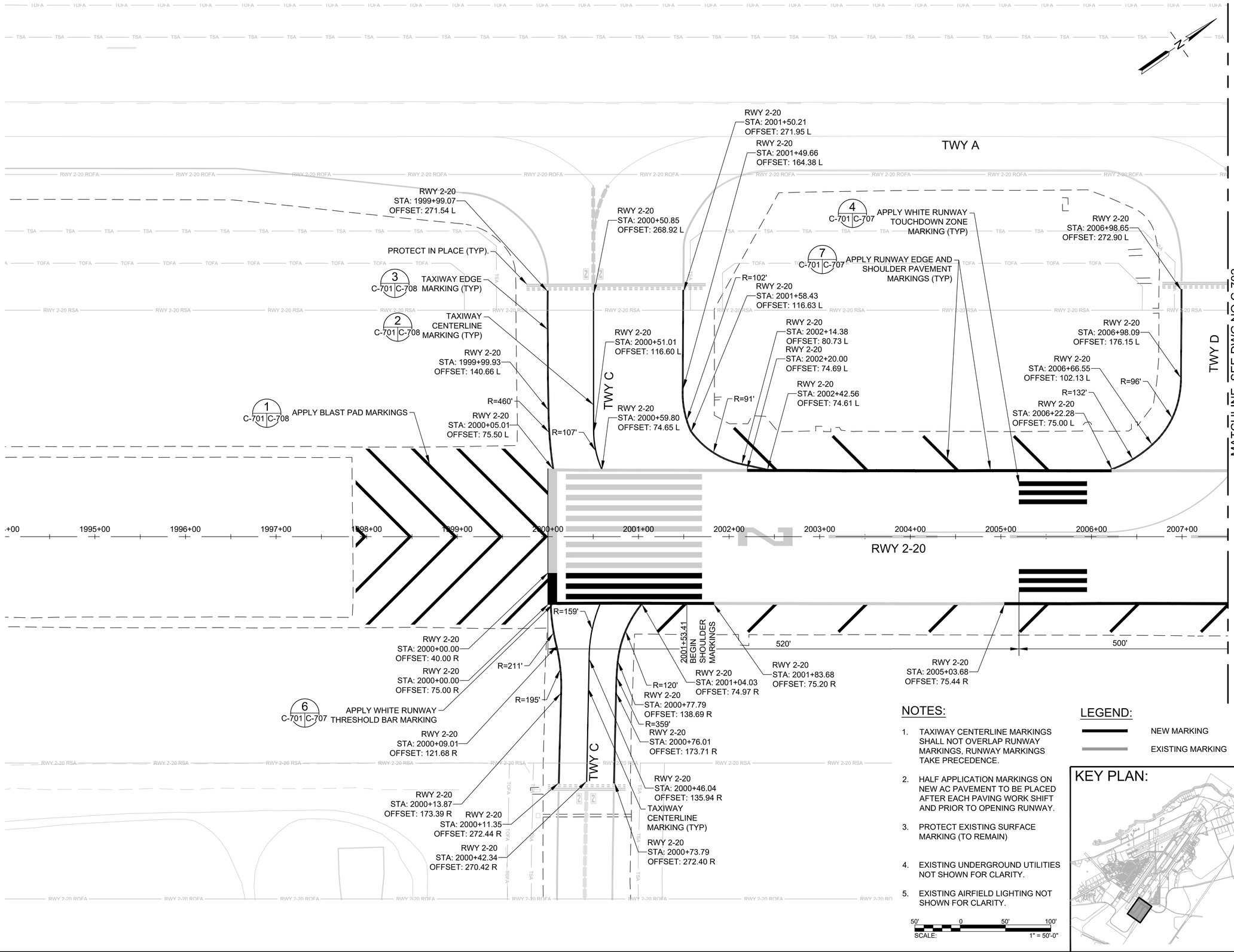
AM1022-25

SHEET TITLE:

PAVEMENT SECTIONS 3

DATE :	DWG. NO.
08/10/2026	C-409
SHEET :	
36 OF 74 SHEETS	

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_038_C-409.DWG



NOTES:

1. TAXIWAY CENTERLINE MARKINGS SHALL NOT OVERLAP RUNWAY MARKINGS, RUNWAY MARKINGS TAKE PRECEDENCE.
2. HALF APPLICATION MARKINGS ON NEW AC PAVEMENT TO BE PLACED AFTER EACH PAVING WORK SHIFT AND PRIOR TO OPENING RUNWAY.
3. PROTECT EXISTING SURFACE MARKING (TO REMAIN)
4. EXISTING UNDERGROUND UTILITIES NOT SHOWN FOR CLARITY.
5. EXISTING AIRFIELD LIGHTING NOT SHOWN FOR CLARITY.

LEGEND:

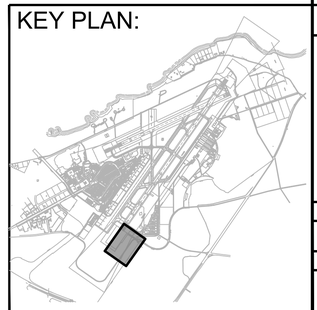
NEW MARKING

EXISTING MARKING

50' 0 50' 100'

SCALE: 1" = 50'-0"

KEY PLAN:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka 04/30/2026
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

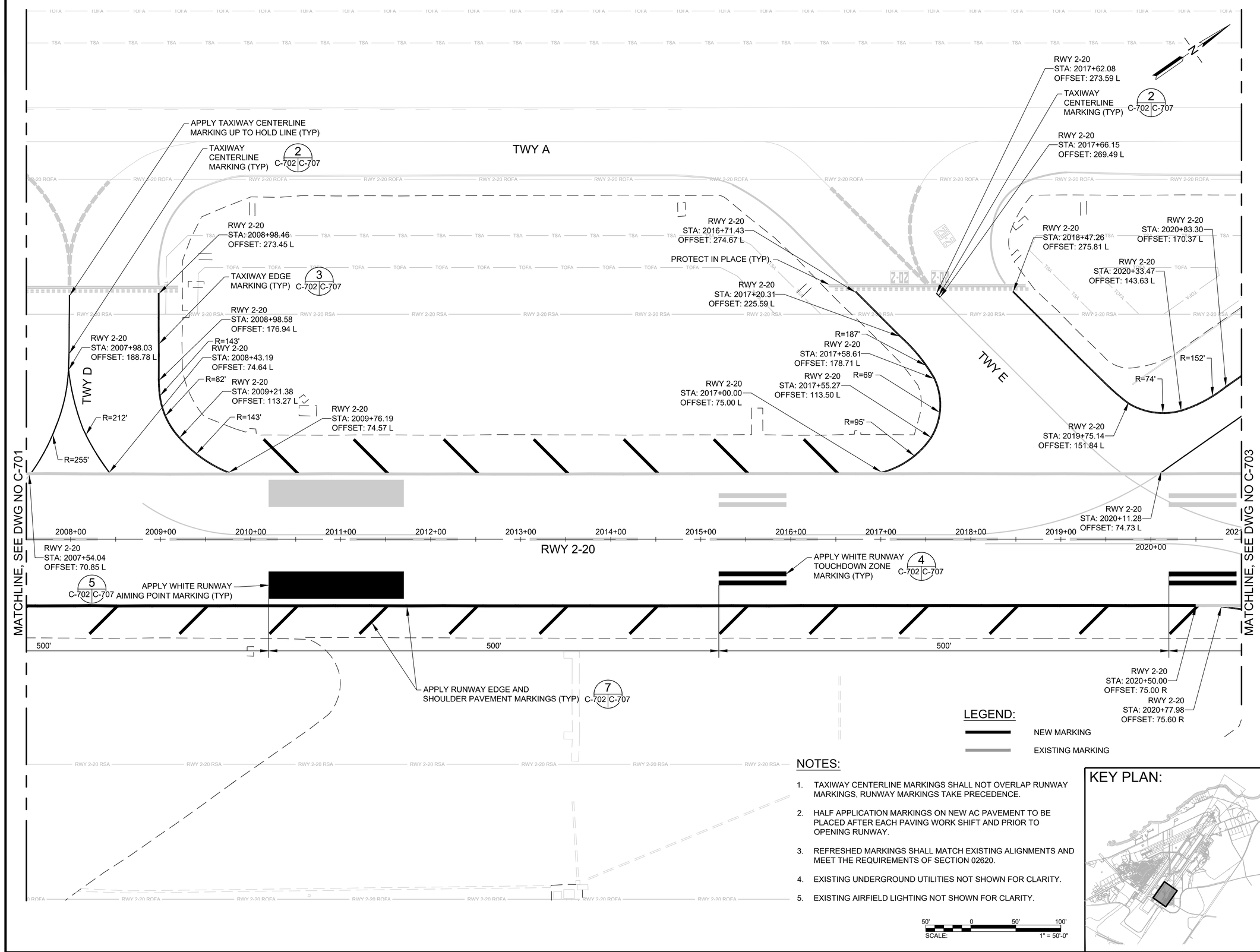
AM1022-25

SHEET TITLE:

PAVEMENT MARKING PLAN 1

DATE :	DWG. NO.
08/10/2026	C-701
SHEET :	
37 OF 74 SHEETS	

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_037_C-701.DWG



LEGEND:

NEW MARKING

EXISTING MARKING

NOTES:

1. TAXIWAY CENTERLINE MARKINGS SHALL NOT OVERLAP RUNWAY MARKINGS, RUNWAY MARKINGS TAKE PRECEDENCE.
2. HALF APPLICATION MARKINGS ON NEW AC PAVEMENT TO BE PLACED AFTER EACH PAVING WORK SHIFT AND PRIOR TO OPENING RUNWAY.
3. REFRESHED MARKINGS SHALL MATCH EXISTING ALIGNMENTS AND MEET THE REQUIREMENTS OF SECTION 02620.
4. EXISTING UNDERGROUND UTILITIES NOT SHOWN FOR CLARITY.
5. EXISTING AIRFIELD LIGHTING NOT SHOWN FOR CLARITY.

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

KEY PLAN:

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka 04/30/2026
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

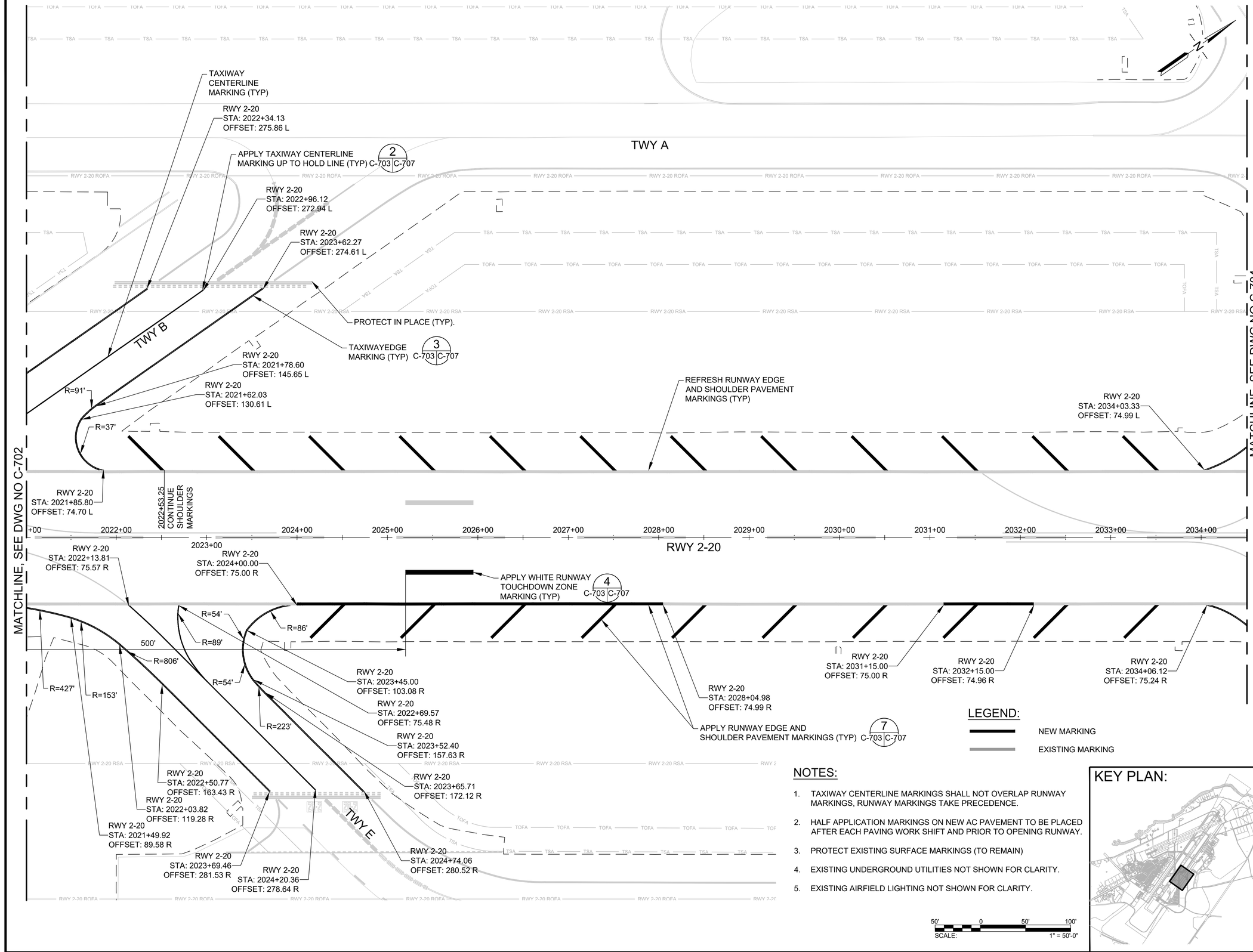
PAVEMENT MARKING PLAN 2

DATE : **08/10/2026**

SHEET : 38 OF 74 SHEETS

DWG. NO. **C-702**

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\AM1022-25\AM1022-25_038_C-702.DWG



LEGEND:

NEW MARKING

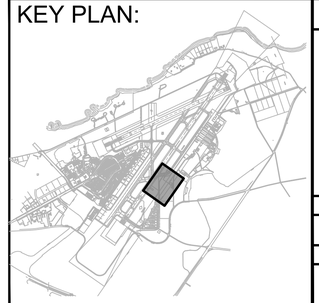
EXISTING MARKING

NOTES:

1. TAXIWAY CENTERLINE MARKINGS SHALL NOT OVERLAP RUNWAY MARKINGS, RUNWAY MARKINGS TAKE PRECEDENCE.
2. HALF APPLICATION MARKINGS ON NEW AC PAVEMENT TO BE PLACED AFTER EACH PAVING WORK SHIFT AND PRIOR TO OPENING RUNWAY.
3. PROTECT EXISTING SURFACE MARKINGS (TO REMAIN)
4. EXISTING UNDERGROUND UTILITIES NOT SHOWN FOR CLARITY.
5. EXISTING AIRFIELD LIGHTING NOT SHOWN FOR CLARITY.

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

KEY PLAN:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
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.")

Brent Nakaoka 04/30/2026
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

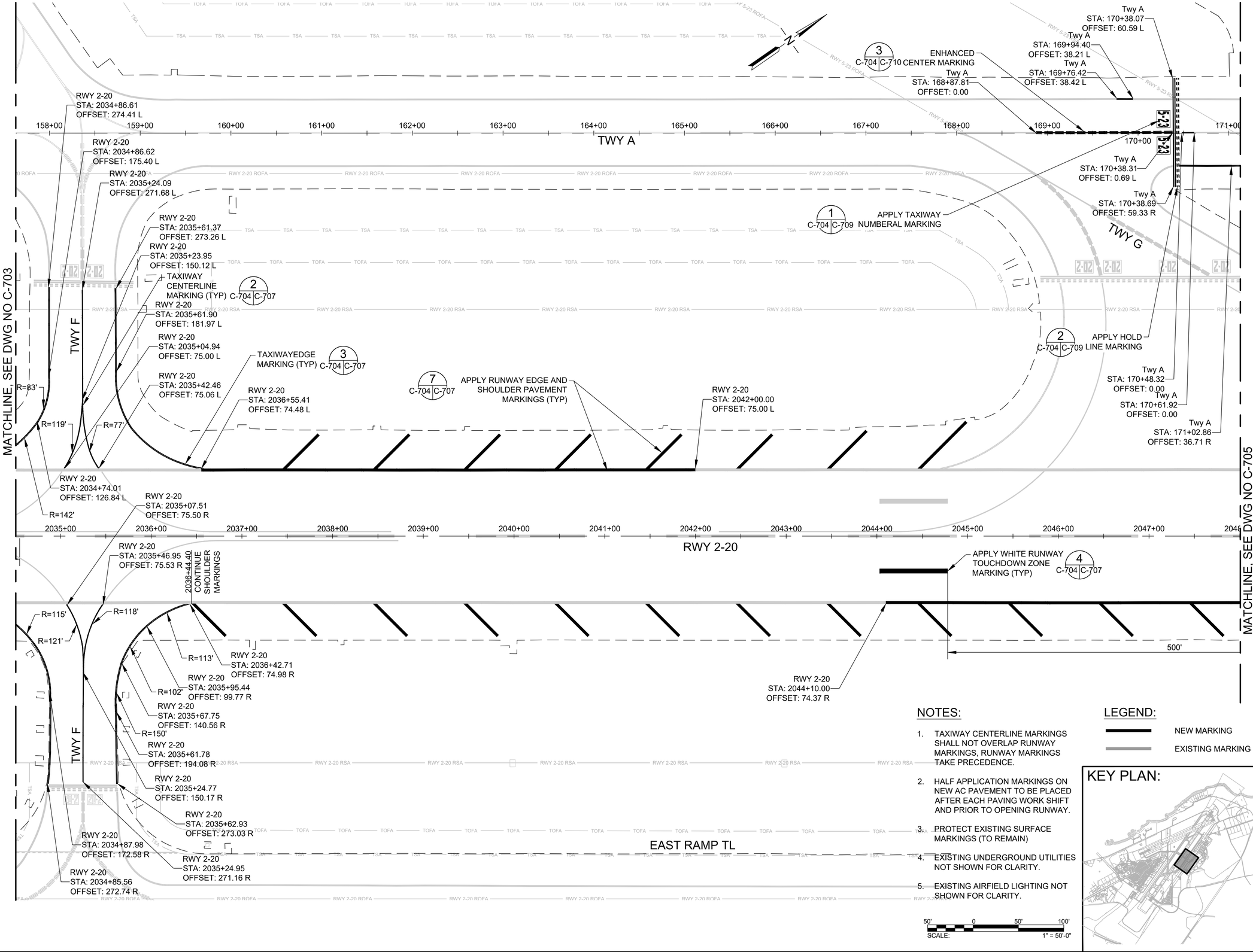
PAVEMENT MARKING PLAN 3

DATE :
08/10/2026

SHEET :
39 OF 74 SHEETS

DWG. NO.
C-703

K:\civil\20745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_039_C-703.DWG



NOTES:

1. TAXIWAY CENTERLINE MARKINGS SHALL NOT OVERLAP RUNWAY MARKINGS, RUNWAY MARKINGS TAKE PRECEDENCE.
2. HALF APPLICATION MARKINGS ON NEW AC PAVEMENT TO BE PLACED AFTER EACH PAVING WORK SHIFT AND PRIOR TO OPENING RUNWAY.
3. PROTECT EXISTING SURFACE MARKINGS (TO REMAIN)
4. EXISTING UNDERGROUND UTILITIES NOT SHOWN FOR CLARITY.
5. EXISTING AIRFIELD LIGHTING NOT SHOWN FOR CLARITY.

LEGEND:

NEW MARKING

EXISTING MARKING

SCALE: 1" = 50'-0" (50' 0 50' 100')

KEY PLAN:

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka — 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

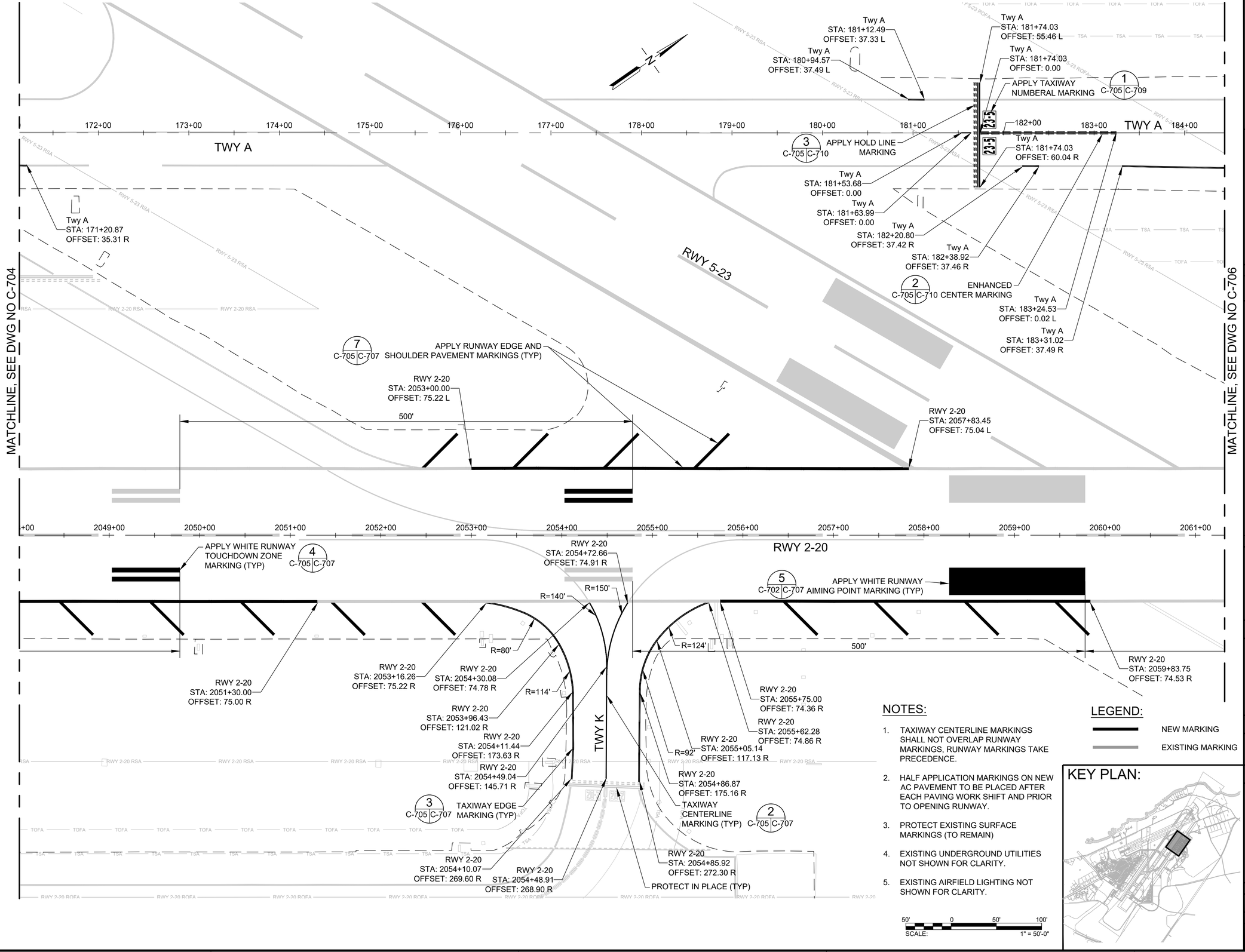
AM1022-25

SHEET TITLE:

PAVEMENT MARKING PLAN 4

DATE :	DWG. NO.
08/10/2026	C-704
SHEET :	
40 OF 74 SHEETS	

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_04b_C-704.DWG



NOTES:

1. TAXIWAY CENTERLINE MARKINGS SHALL NOT OVERLAP RUNWAY MARKINGS, RUNWAY MARKINGS TAKE PRECEDENCE.
2. HALF APPLICATION MARKINGS ON NEW AC PAVEMENT TO BE PLACED AFTER EACH PAVING WORK SHIFT AND PRIOR TO OPENING RUNWAY.
3. PROTECT EXISTING SURFACE MARKINGS (TO REMAIN)
4. EXISTING UNDERGROUND UTILITIES NOT SHOWN FOR CLARITY.
5. EXISTING AIRFIELD LIGHTING NOT SHOWN FOR CLARITY.

LEGEND:

NEW MARKING

EXISTING MARKING

50' 0 50' 100'

SCALE: 1" = 50'-0"

KEY PLAN:

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
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Brent Nakaoka 04/30/2026
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

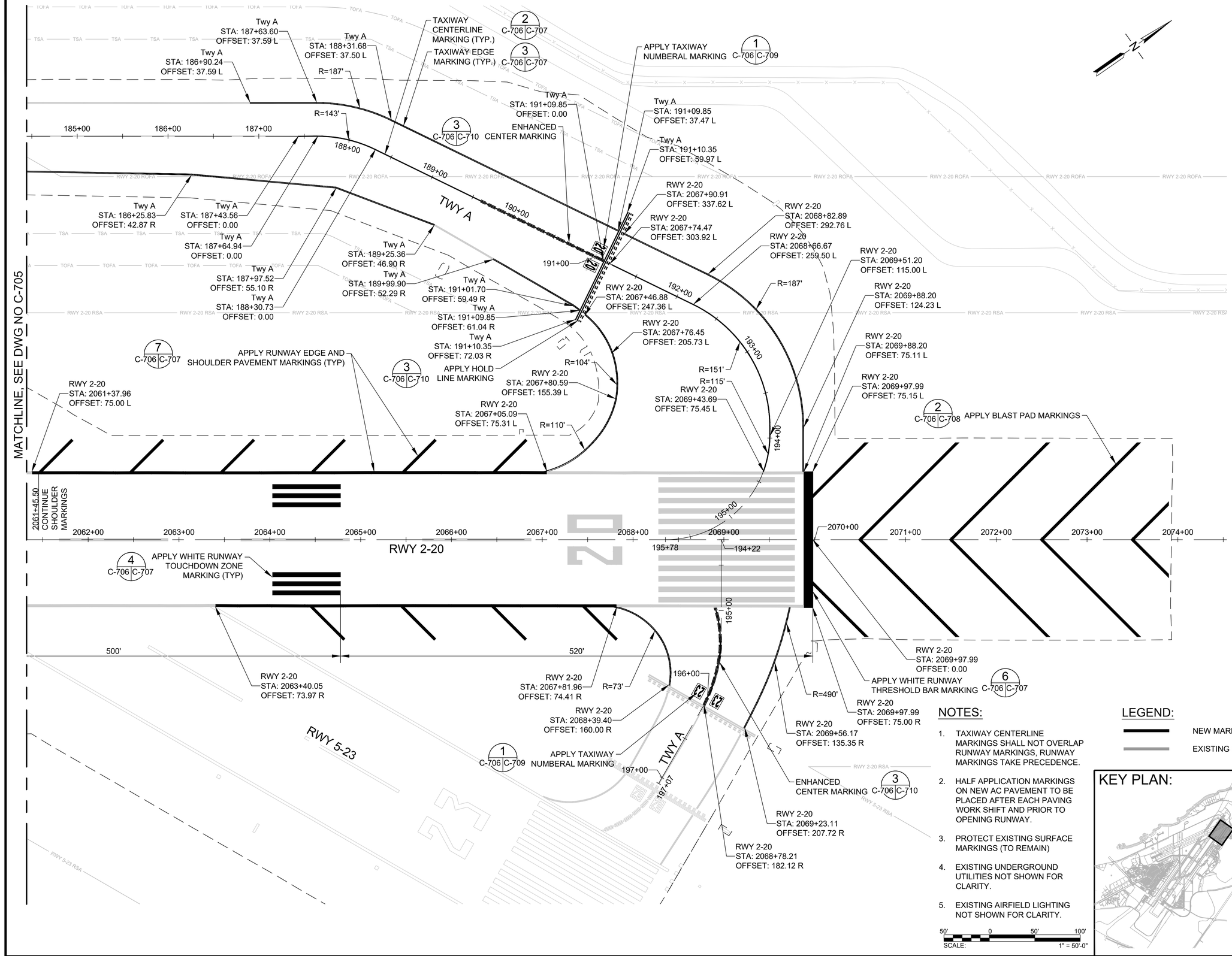
PAVEMENT MARKING PLAN 5

DATE :
08/10/2026

SHEET :
41 OF 74 SHEETS

DWG. NO.
C-705

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_041_C-705.DWG



NOTES:

1. TAXIWAY CENTERLINE MARKINGS SHALL NOT OVERLAP RUNWAY MARKINGS, RUNWAY MARKINGS TAKE PRECEDENCE.
2. HALF APPLICATION MARKINGS ON NEW AC PAVEMENT TO BE PLACED AFTER EACH PAVING WORK SHIFT AND PRIOR TO OPENING RUNWAY.
3. PROTECT EXISTING SURFACE MARKINGS (TO REMAIN)
4. EXISTING UNDERGROUND UTILITIES NOT SHOWN FOR CLARITY.
5. EXISTING AIRFIELD LIGHTING NOT SHOWN FOR CLARITY.

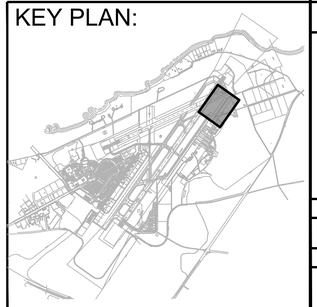
LEGEND:

NEW MARKING

EXISTING MARKING

SCALE: 50' 0 50' 100' — 1" = 50'-0"

KEY PLAN:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
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Brent Nakaoka 04/30/2026
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

PAVEMENT MARKING PLAN 6

DATE :
08/10/2026

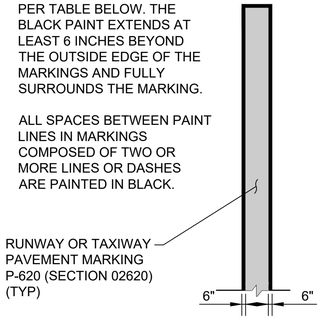
SHEET :
42 OF 74 SHEETS

DWG. NO.
C-706

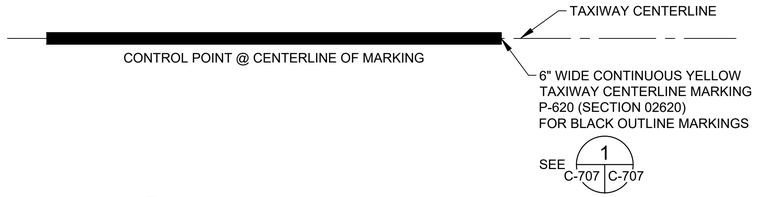
K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25_AM1022-25_042_C-706.DWG

NOTES:

1. MARKINGS SHALL BE OUTLINED IN BLACK PAINT PER TABLE BELOW. THE BLACK PAINT EXTENDS AT LEAST 6 INCHES BEYOND THE OUTSIDE EDGE OF THE MARKINGS AND FULLY SURROUNDS THE MARKING.
2. ALL SPACES BETWEEN PAINT LINES IN MARKINGS COMPOSED OF TWO OR MORE LINES OR DASHES ARE PAINTED IN BLACK.



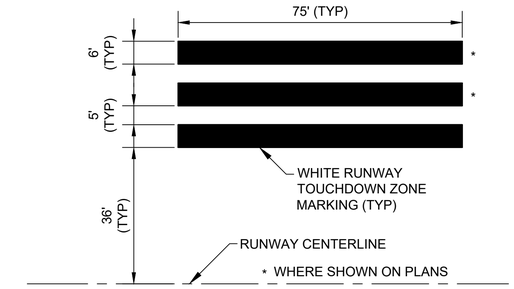
1 C-707, C-709, C-710 | C-707 MARKING BLACK OUTLINE
SCALE: NTS



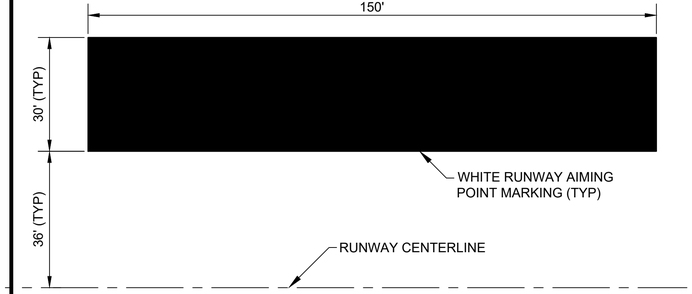
2 C-701-C-706 | C-707 TAXIWAY CENTERLINE PAVEMENT MARKINGS
SCALE: NTS



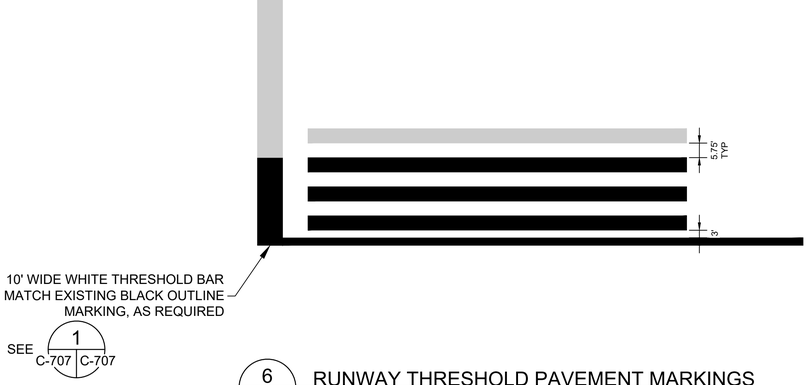
3 C-701-C706 | C-707 TAXIWAY EDGELINE PAVEMENT MARKINGS
SCALE: NTS



4 C-701-C706 | C-707 RUNWAY TOUCHDOWN ZONE PAVEMENT MARKINGS
SCALE: NTS



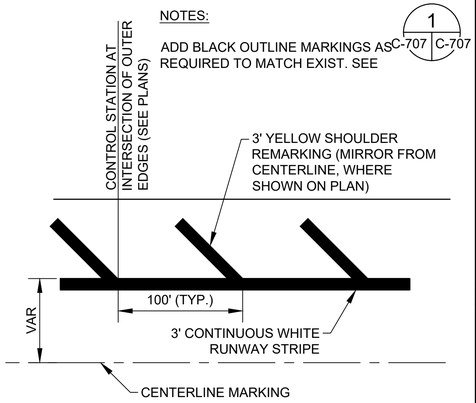
5 C-702, C-705 | C-707 RUNWAY AIMING POINT PAVEMENT MARKINGS
SCALE: NTS



6 C-701, C-706 | C-707 RUNWAY THRESHOLD PAVEMENT MARKINGS
SCALE: NTS

NOTES:

ADD BLACK OUTLINE MARKINGS AS REQUIRED TO MATCH EXIST. SEE 1 C-707 | C-707



7 C-701-C706 | C-707 RUNWAY EDGE PAVEMENT MARKINGS
SCALE: NTS

BLACK OUTLINE MARKINGS AND GLASS BEADS TABLE

MARKING	BLACK OUTLINE	GLASS BEADS
TAXIWAY CENTERLINE	YES	YES
ENHANCED TAXIWAY CENTERLINE MARKING	YES	YES
TAXIWAY EDGE MARKING	NO	YES
SURFACE PAINTED HOLDING POSITION SIGNS	YES	YES
ALL TWY HOLDING POSITION MARKINGS	YES	YES
RUNWAY EDGE MARKING	YES (MATCH EXISTING)	YES
RUNWAY THRESHOLD MARKING	YES (MATCH EXISTING)	YES
RUNWAY THRESHOLD BAR	YES (MATCH EXISTING)	YES

NOTES:
1. LOCATIONS REQUIRING GLASS BEADS AND BLACK OUTLINE MARKING ARE SHOWN IN THE TABLE ABOVE.
2. GLASS BEADS ARE NEVER USED IN BLACK PAINT.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

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Brent Nakaoka 04/30/2026
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

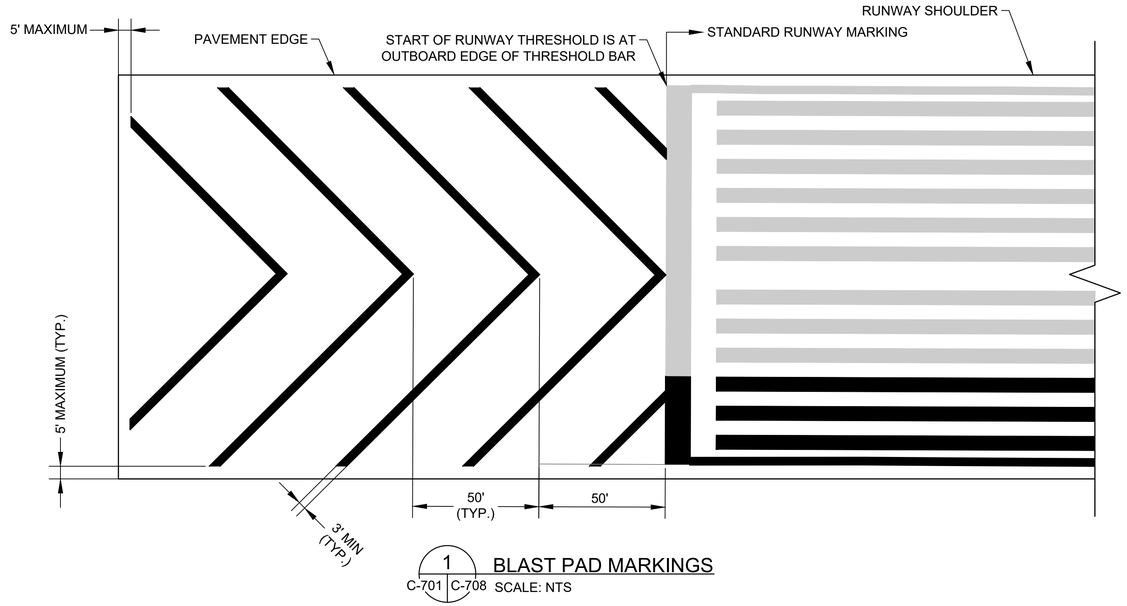
PAVEMENT MARKING DETAILS 1

DATE : **08/10/2026**

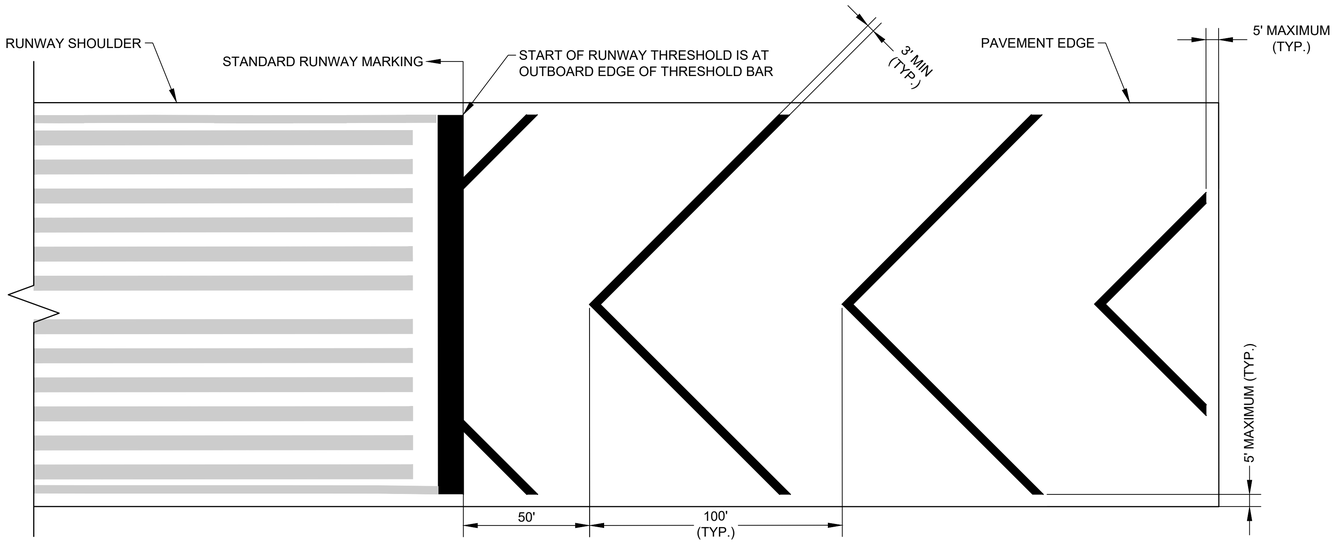
SHEET : 43 OF 74 SHEETS

DWG. NO. **C-707**

K:\civil\03745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_043_C-707.DWG



1 BLAST PAD MARKINGS
C-701 | C-708 SCALE: NTS



2 BLAST PAD MARKINGS
C-706 | C-708 SCALE: NTS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

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Brent Nakaoka 04/30/2028
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

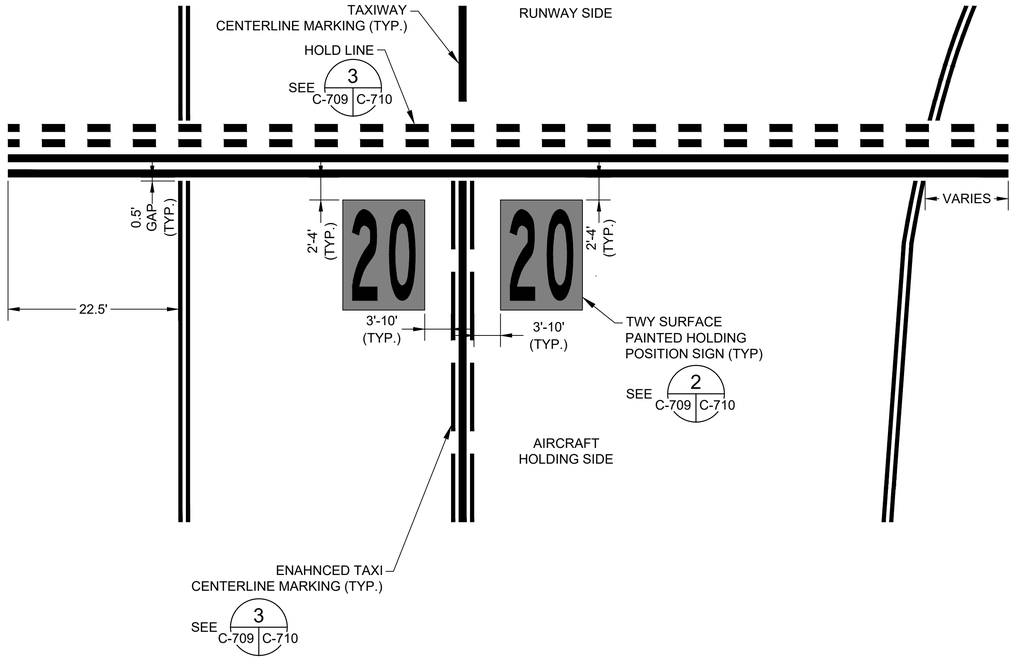
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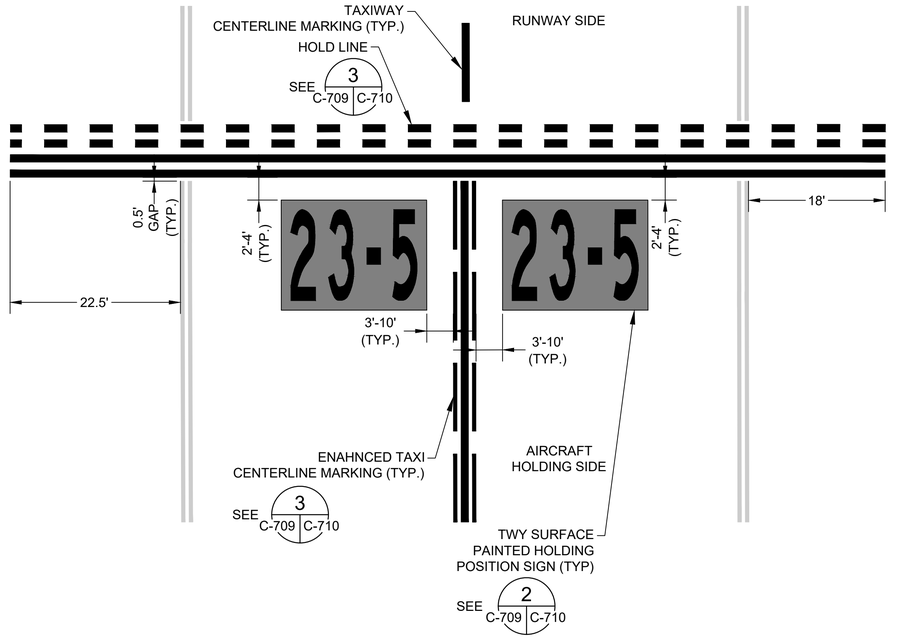
PAVEMENT MARKING DETAILS 2

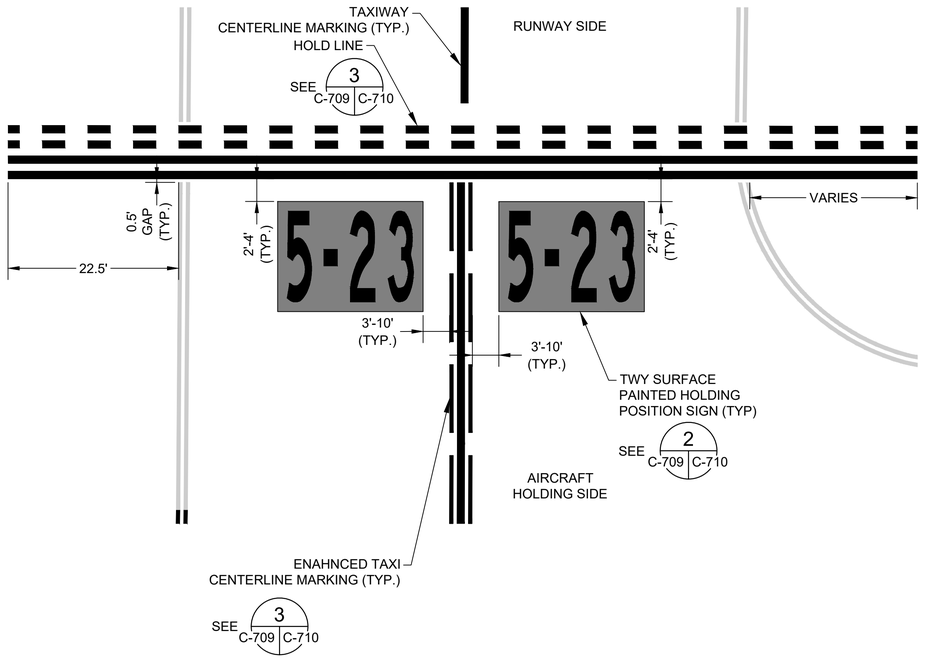
DATE :
08/10/2026
SHEET :
44 OF 74 SHEETS

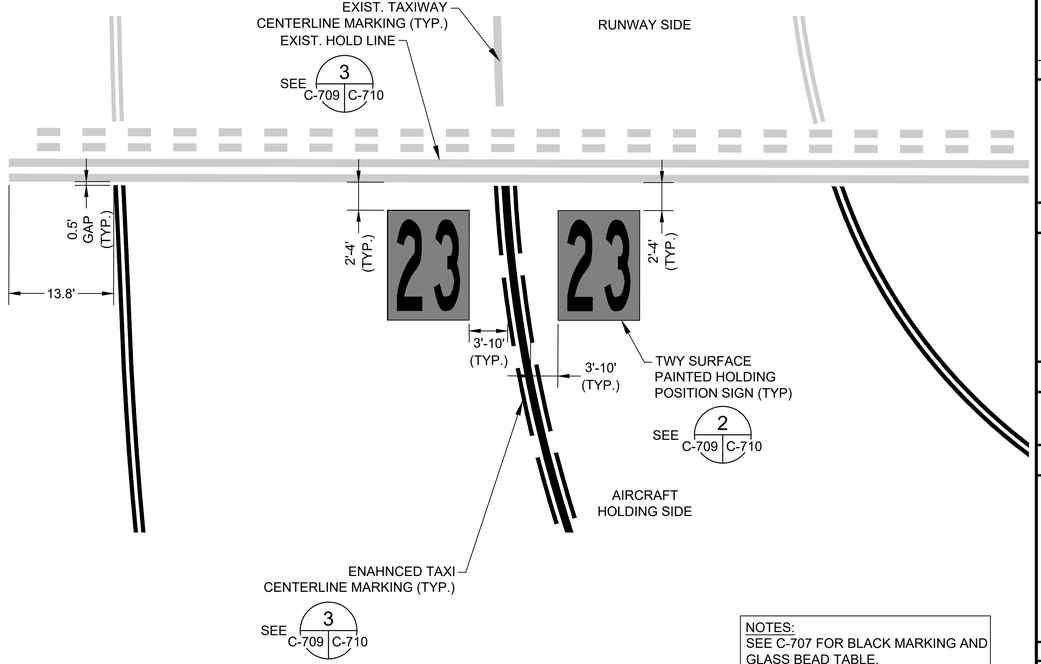
DWG. NO.
C-708

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25-AM1022-25_044_C-708.DWG









NOTES:
SEE C-707 FOR BLACK MARKING AND GLASS BEAD TABLE.

1 C-704,C-705,C-706 C-709 TAXIWAY NUMBERAL MARKING
SCALE: NTS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka 04/30/2028
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

PAVEMENT MARKING DETAILS 3

DATE :	DWG. NO.
08/10/2026	C-709
SHEET :	
45 OF 74 SHEETS	

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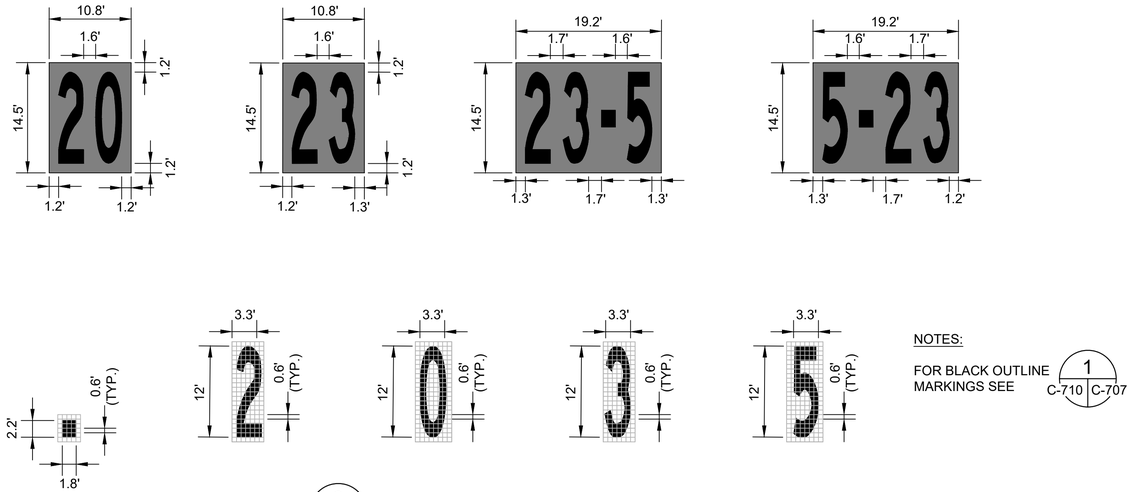
PAINTING NOTES:

1. ALL PAVEMENT MARKINGS TO BE PAINTED ACCORDING TO THE CONTRACT SHALL BE LAID OUT BY A LICENSED SURVEYOR WITH SUFFICIENT REFERENCE POINTS. DETAILS FOR NEW PAVEMENT MARKING SHALL BE IN ACCORDANCE WITH FM ADVISORY CIRCULAR (AC) 150/5340-1M (OR CURRENT EDITION) "STANDARDS FOR AIRPORT MARKINGS".

2. THE CONTRACTOR SHALL NOT DISCARD ANY EXCESS PAINT ON EXISTING PAVEMENT MARKINGS, INCLUDING PERFORMING TEST SPRAYS ON THE EXISTING MARKINGS, SPRAYING EXISTING MARKINGS TO CLEAN PAINT GUNS, AND PAINTING ADDED MARKING TO AVOID REQUIRED PAINT CLEAN UP. THE CONTRACTOR SHALL POSSESS TRAPS FOR EXCESS SPRAYING AND TEST SPRAY, AND A WATERPROOF CONTAINER TO CAPTURE AND HOLD ALL PAINTING WASH WATER. ALL WASH WATER SHALL BE PROPERLY HAULED AND DISPOSED OFF THE AIRPORT DAILY.

3. THE CONTRACTOR SHALL PERFORM THEIR CONTRACTED PAINTING WORK ON THE ASPHALT CONCRETE TEST SECTION(S), AND THE PAINTED PAVEMENT MARKING SPECIMENS WILL BE EVALUATED BY THE ENGINEER FOR CONFORMANCE TO THE CONTRACT REQUIREMENTS. NONCONFORMING PAINTING WORK WILL NOT BE ACCEPTED BY THE ENGINEER, AND THE TEST SECTION(S) WILL NOT BE ACCEPTED UNTIL PAINTING WORK CONFORMS TO THE CONTRACT REQUIREMENTS.

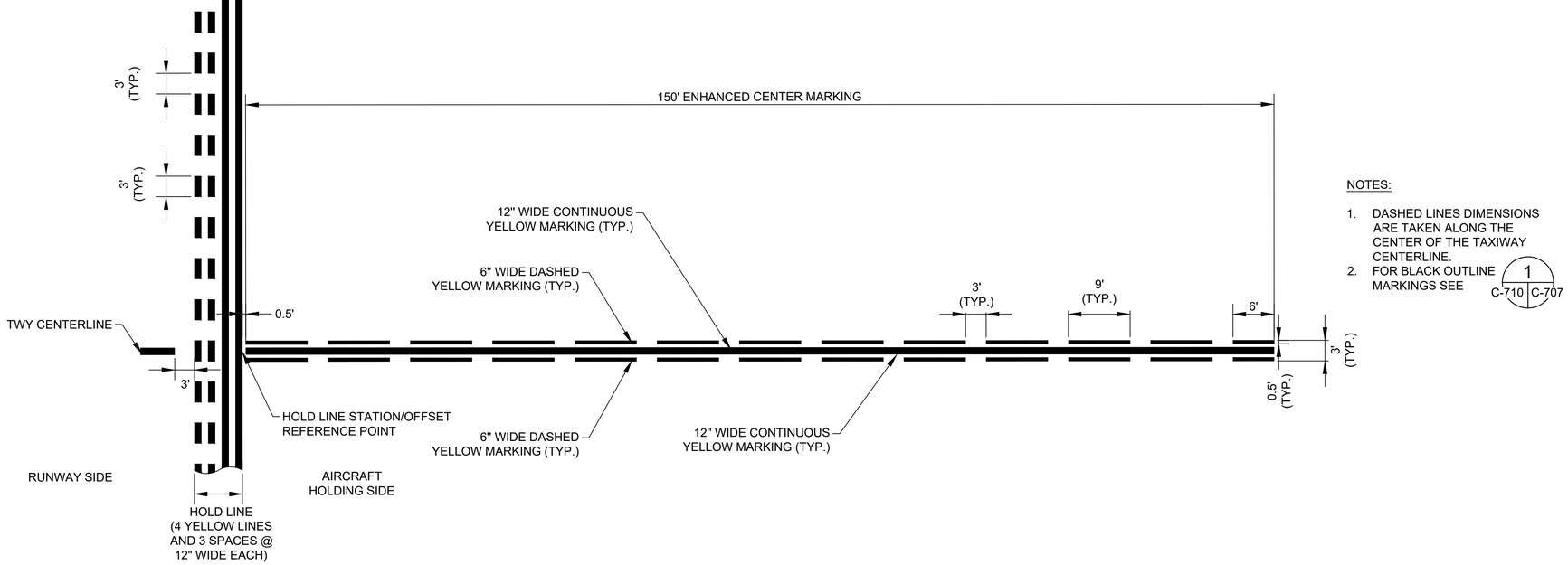
4. SEE C-707 FOR BLACK MARKING AND GLASS BEAD TABLE.



NOTES:

FOR BLACK OUTLINE MARKINGS SEE 1 C-710 | C-707

2 C-709 | C-710 SURFACE PAINTED HOLDING POSITION INSCRIPTIONS
SCALE: NTS



NOTES:

1. DASHED LINES DIMENSIONS ARE TAKEN ALONG THE CENTER OF THE TAXIWAY CENTERLINE.
2. FOR BLACK OUTLINE MARKINGS SEE 1 C-710 | C-707

3 C-704, C-705, C-706 | C-710 HOLD LINE & ENHANCED CENTER MARKING
SCALE: NTS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka — 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

PAVEMENT MARKING DETAILS 4

DATE :	DWG. NO.
08/10/2026	C-710
SHEET :	
46 OF 74 SHEETS	

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\AM1022-25\AM1022-25_046_C-710.DWG

NOTES:

1. SEE PAVING PLANS FOR COORDINATE LAYOUT.
2. LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE AND PROVIDED FOR REFERENCE ONLY. THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR SHALL REMOVE ALL SILT AND DEBRIS, RESULTING FROM THEIR WORK, WHICH ARE DEPOSITED ON DRAINAGE FACILITIES, ROADWAYS AND OTHER AREAS.
4. ALL GRADING OPERATIONS SHALL BE PERFORMED IN CONFORMANCE WITH THE APPLICABLE PROVISIONS OF THE WATER POLLUTION CONTROL AND WATER QUALITY STANDARDS CONTAINED IN THE PUBLIC HEALTH REGULATIONS, STATE DEPARTMENT OF HEALTH, ON WATER POLLUTION CONTROL AND WATER QUALITY STANDARDS, KAHULUI AIRPORT, STORM WATER MANAGEMENT PROGRAM PLAN, INCLUDING THE DOTA'S CONSTRUCTION ACTIVITIES BEST MANAGEMENT PLAN FIELD MANUAL.

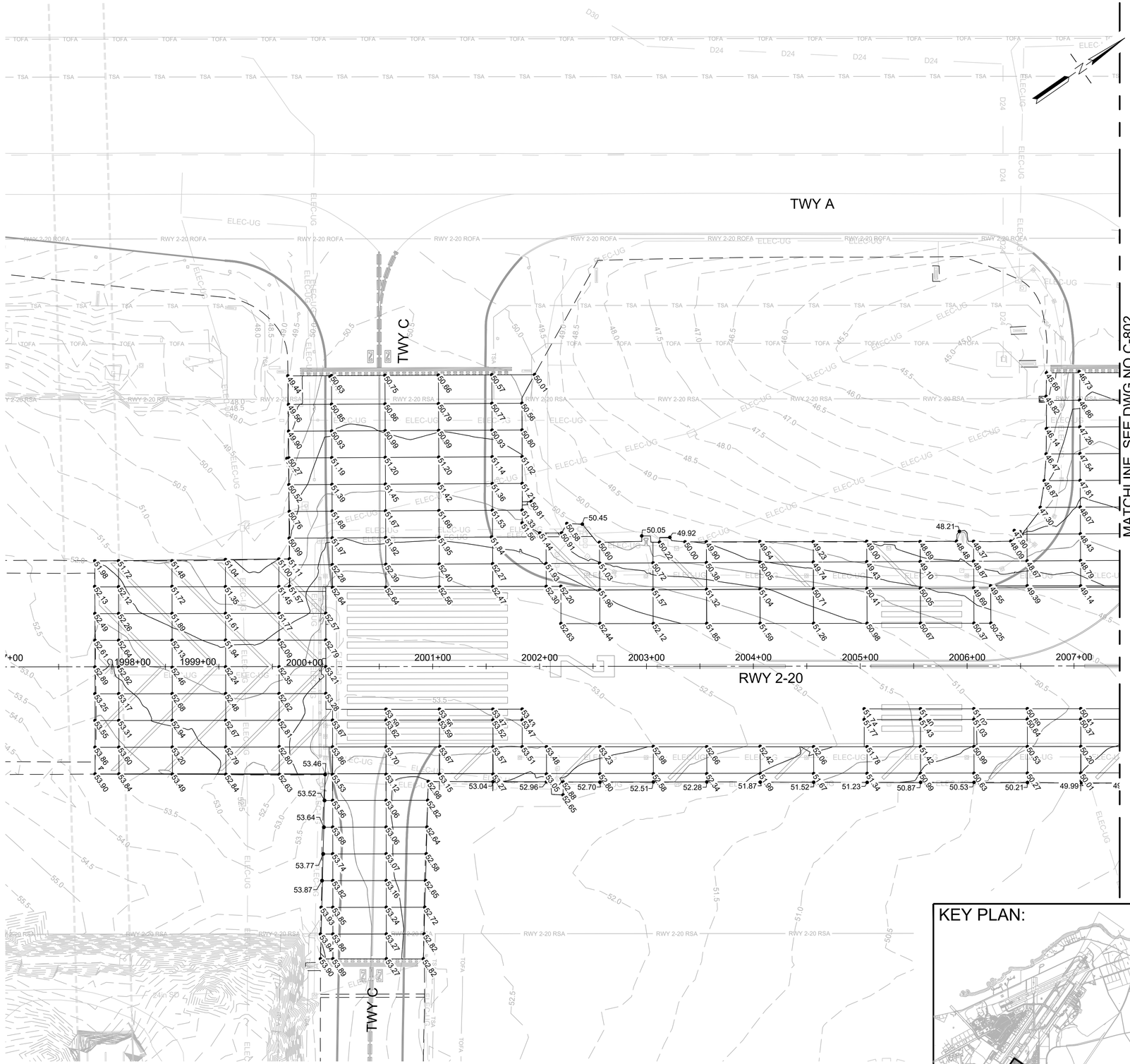
LEGEND:

PROPOSED MAJOR CONTOUR

PROPOSED MINOR CONTOUR

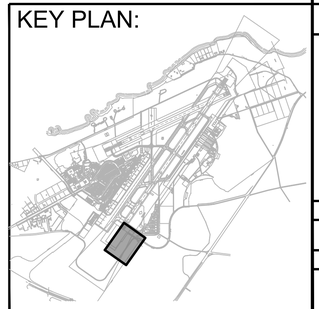
50.5 EXISTING CONTOUR

47.86 47.40 48.29 47.89 SPOT ELEVATION ON 50' X 25' GRID



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

KEY PLAN:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
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.")

Brent Nakaoka 04/30/2026
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

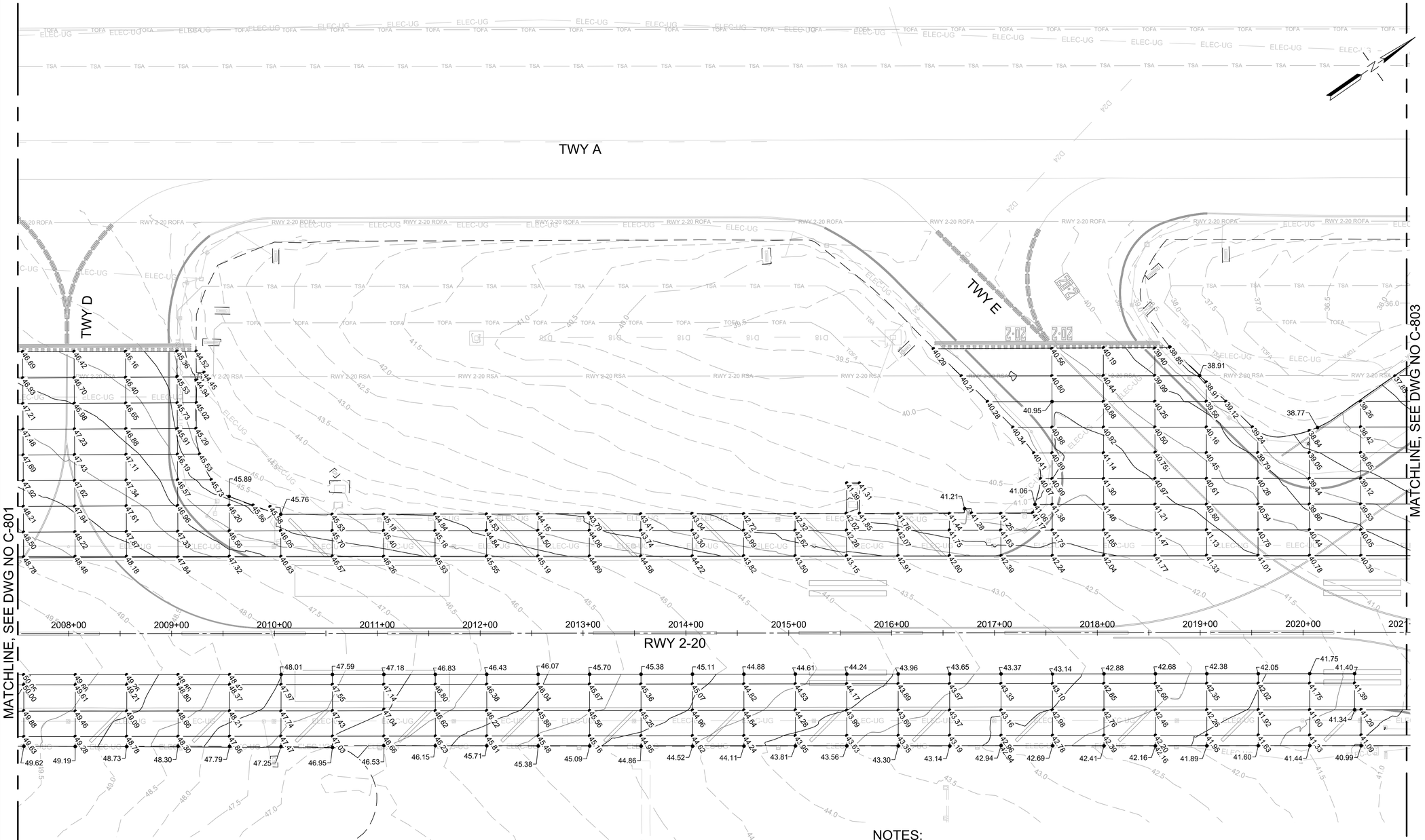
SHEET TITLE:

SPOT ELEVATION PLAN 1

DATE :
08/10/2026
SHEET :
47 OF 74 SHEETS

DWG. NO.
C-801

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25_AM1022-25_04?_C-801.DWG



LEGEND:

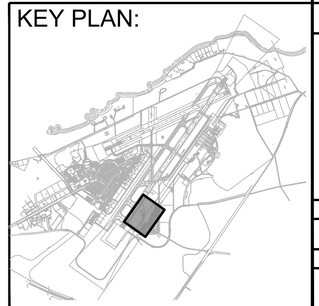
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- 45.5 EXISTING CONTOUR
- SPOT ELEVATION ON 50' X 25' GRID (47.86, 47.40, 46.29, 47.89)

NOTES:

1. SEE PAVING PLANS FOR COORDINATE LAYOUT.
2. LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE AND PROVIDED FOR REFERENCE ONLY. THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR SHALL REMOVE ALL SILT AND DEBRIS, RESULTING FROM THEIR WORK, WHICH ARE DEPOSITED ON DRAINAGE FACILITIES, ROADWAYS AND OTHER AREAS.
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SCALE: 50' 0 1" = 50'-0"

KEY PLAN:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka 04/30/2028
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

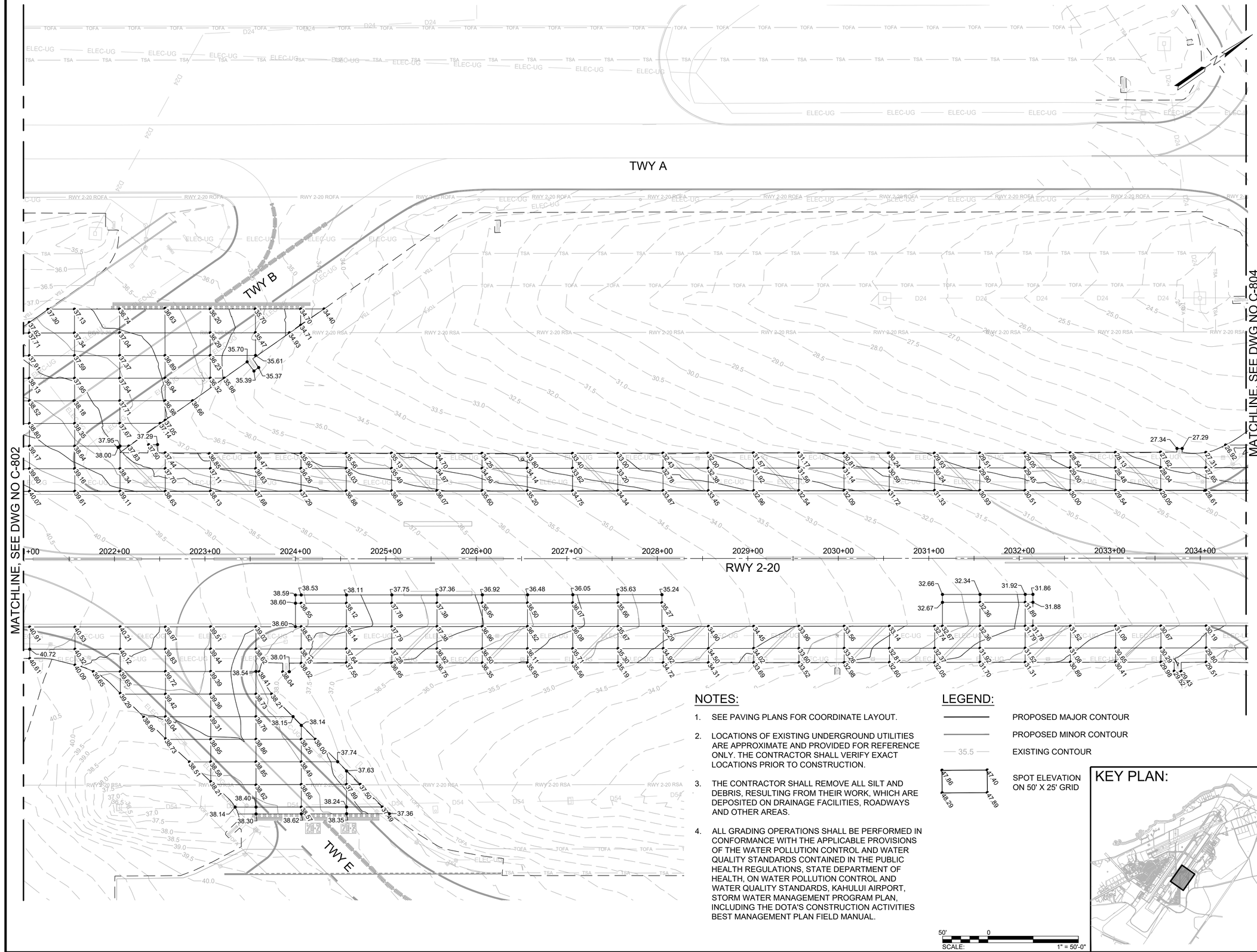
AM1022-25

SHEET TITLE:

SPOT ELEVATION PLAN 2

DATE :	DWG. NO.
08/10/2026	C-802
SHEET :	
48 OF 74 SHEETS	

K:\civil\3745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_04B_C-802.DWG



NOTES:

1. SEE PAVING PLANS FOR COORDINATE LAYOUT.
2. LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE AND PROVIDED FOR REFERENCE ONLY. THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS PRIOR TO CONSTRUCTION.
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LEGEND:

- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- 35.5 EXISTING CONTOUR
- 47.86 / 47.40 / 46.29 / 47.89 SPOT ELEVATION ON 50' X 25' GRID

SCALE: 1" = 50'-0" (50' 0)

KEY PLAN:

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka 04/30/2026
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

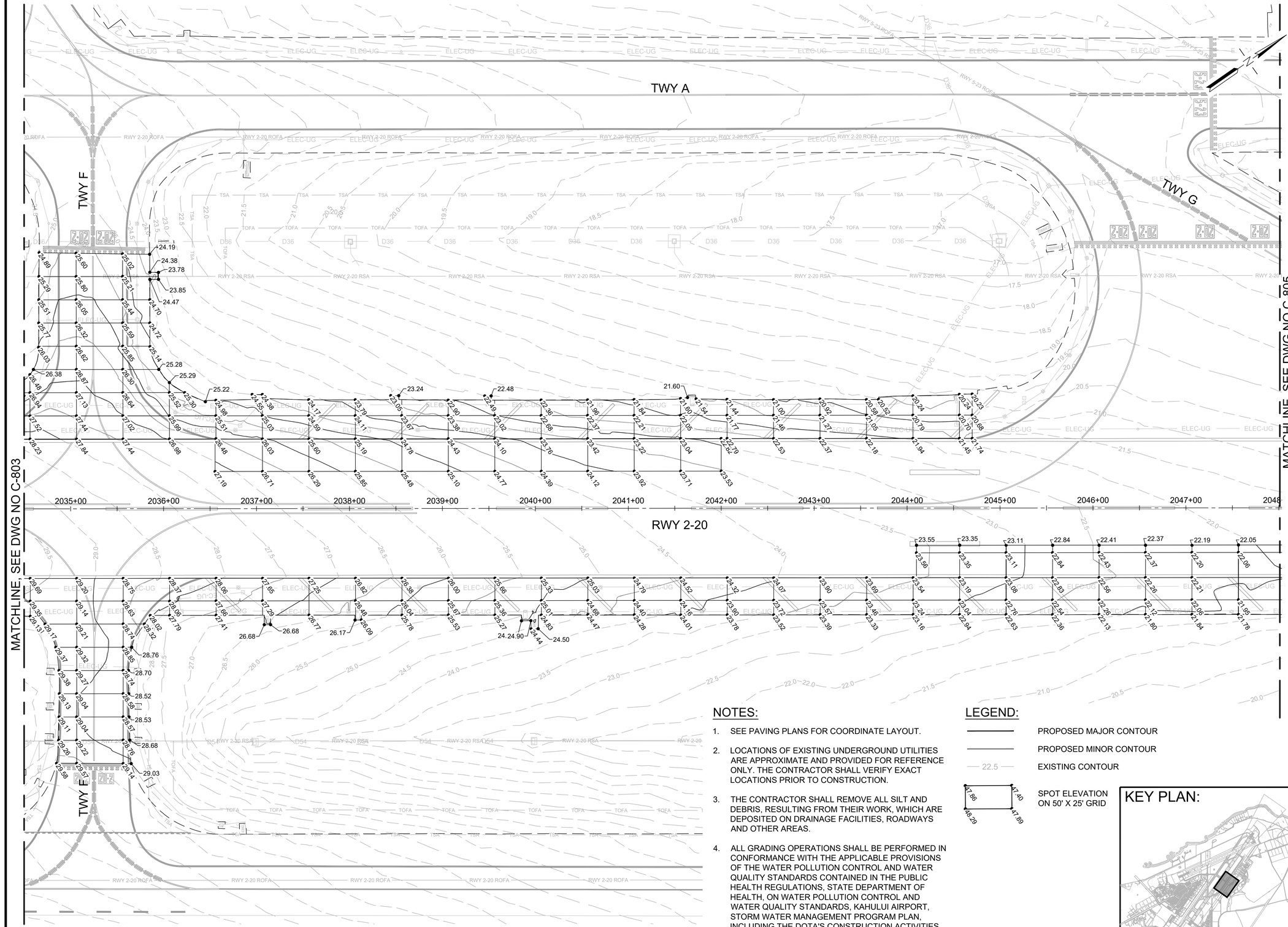
AM1022-25

SHEET TITLE:

SPOT ELEVATION PLAN 3

DATE :	DWG. NO.
08/10/2026	C-803
SHEET :	
49 OF 74 SHEETS	

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NOTES:

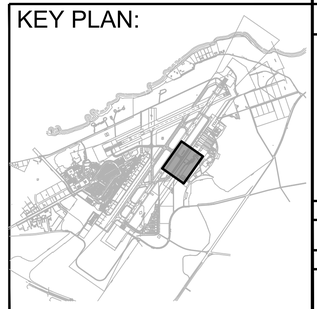
1. SEE PAVING PLANS FOR COORDINATE LAYOUT.
2. LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE AND PROVIDED FOR REFERENCE ONLY. THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR SHALL REMOVE ALL SILT AND DEBRIS, RESULTING FROM THEIR WORK, WHICH ARE DEPOSITED ON DRAINAGE FACILITIES, ROADWAYS AND OTHER AREAS.
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LEGEND:

- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- 22.5 — EXISTING CONTOUR
- 47.86 / 47.40 / 48.29 / 47.89 — SPOT ELEVATION ON 50' X 25' GRID

SCALE: 50' 0 — 1" = 50'-0"

KEY PLAN:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka — 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

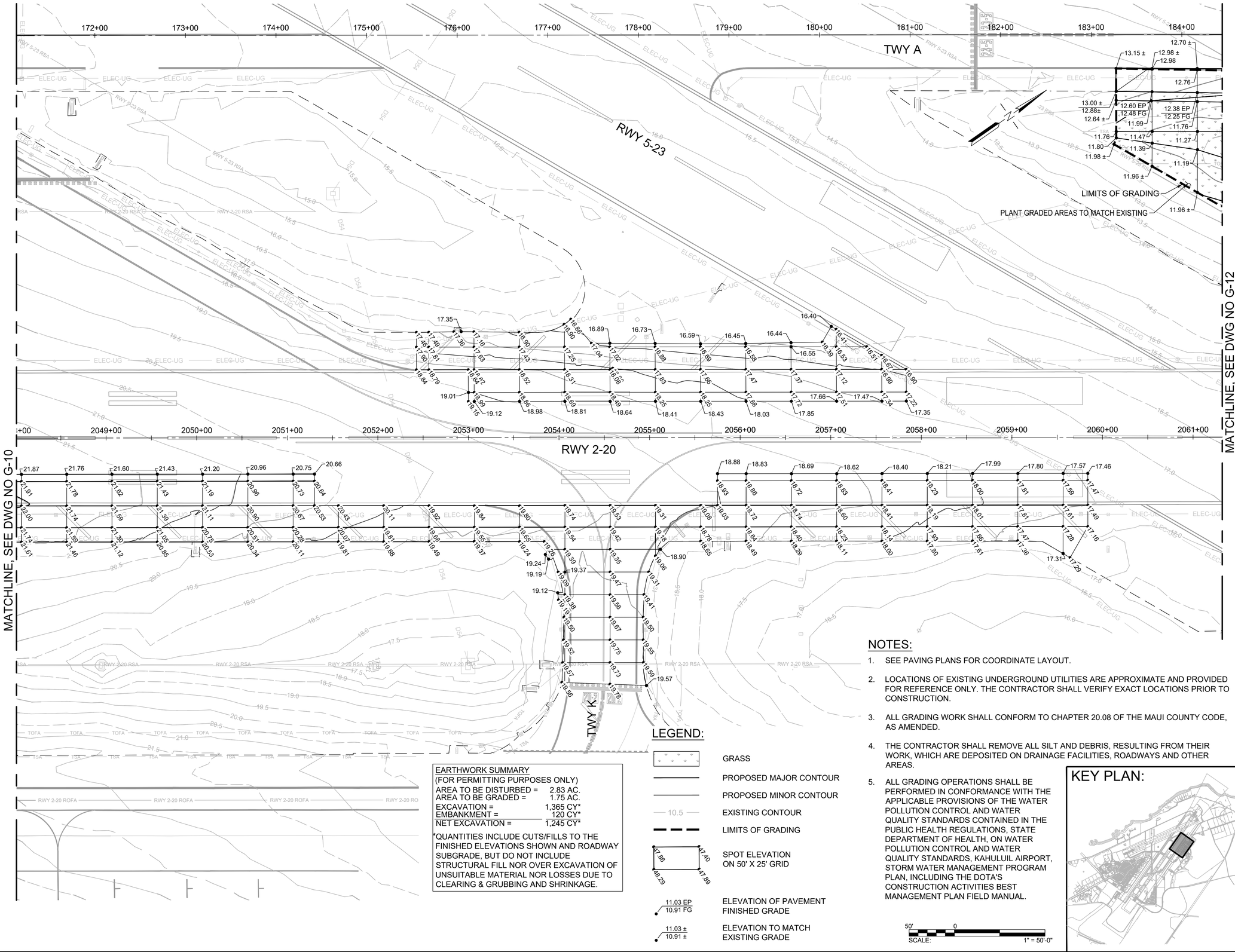
SPOT ELEVATION PLAN 4

DATE : **08/10/2026**

SHEET : 50 OF 74 SHEETS

DWG. NO. **C-804**

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25-AM1022-25_050_C-804.DWG



EARTHWORK SUMMARY

(FOR PERMITTING PURPOSES ONLY)

AREA TO BE DISTURBED =	2.83 AC.
AREA TO BE GRADED =	1.75 AC.
EXCAVATION =	1,365 CY*
EMBANKMENT =	120 CY*
NET EXCAVATION =	1,245 CY*

*QUANTITIES INCLUDE CUTS/FILLS TO THE FINISHED ELEVATIONS SHOWN AND ROADWAY SUBGRADE, BUT DO NOT INCLUDE STRUCTURAL FILL NOR OVER EXCAVATION OF UNSUITABLE MATERIAL NOR LOSSES DUE TO CLEARING & GRUBBING AND SHRINKAGE.

LEGEND:

- GRASS
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- 10.5 — EXISTING CONTOUR
- LIMITS OF GRADING
- 17.86 / 17.40 / 18.29 / 17.89 — SPOT ELEVATION ON 50' X 25' GRID
- 11.03 EP / 10.91 FG — ELEVATION OF PAVEMENT FINISHED GRADE
- 11.03 ± / 10.91 ± — ELEVATION TO MATCH EXISTING GRADE

NOTES:

1. SEE PAVING PLANS FOR COORDINATE LAYOUT.
2. LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE AND PROVIDED FOR REFERENCE ONLY. THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS PRIOR TO CONSTRUCTION.
3. ALL GRADING WORK SHALL CONFORM TO CHAPTER 20.08 OF THE MAUI COUNTY CODE, AS AMENDED.
4. THE CONTRACTOR SHALL REMOVE ALL SILT AND DEBRIS, RESULTING FROM THEIR WORK, WHICH ARE DEPOSITED ON DRAINAGE FACILITIES, ROADWAYS AND OTHER AREAS.
5. ALL GRADING OPERATIONS SHALL BE PERFORMED IN CONFORMANCE WITH THE APPLICABLE PROVISIONS OF THE WATER POLLUTION CONTROL AND WATER QUALITY STANDARDS CONTAINED IN THE PUBLIC HEALTH REGULATIONS, STATE DEPARTMENT OF HEALTH, ON WATER POLLUTION CONTROL AND WATER QUALITY STANDARDS, KAHULUIL AIRPORT, STORM WATER MANAGEMENT PROGRAM PLAN, INCLUDING THE DOTA'S CONSTRUCTION ACTIVITIES BEST MANAGEMENT PLAN FIELD MANUAL.

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

KEY PLAN:

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

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Brent Nakaoka — 04/30/2028
Signature — Lic. Exp. Date

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

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

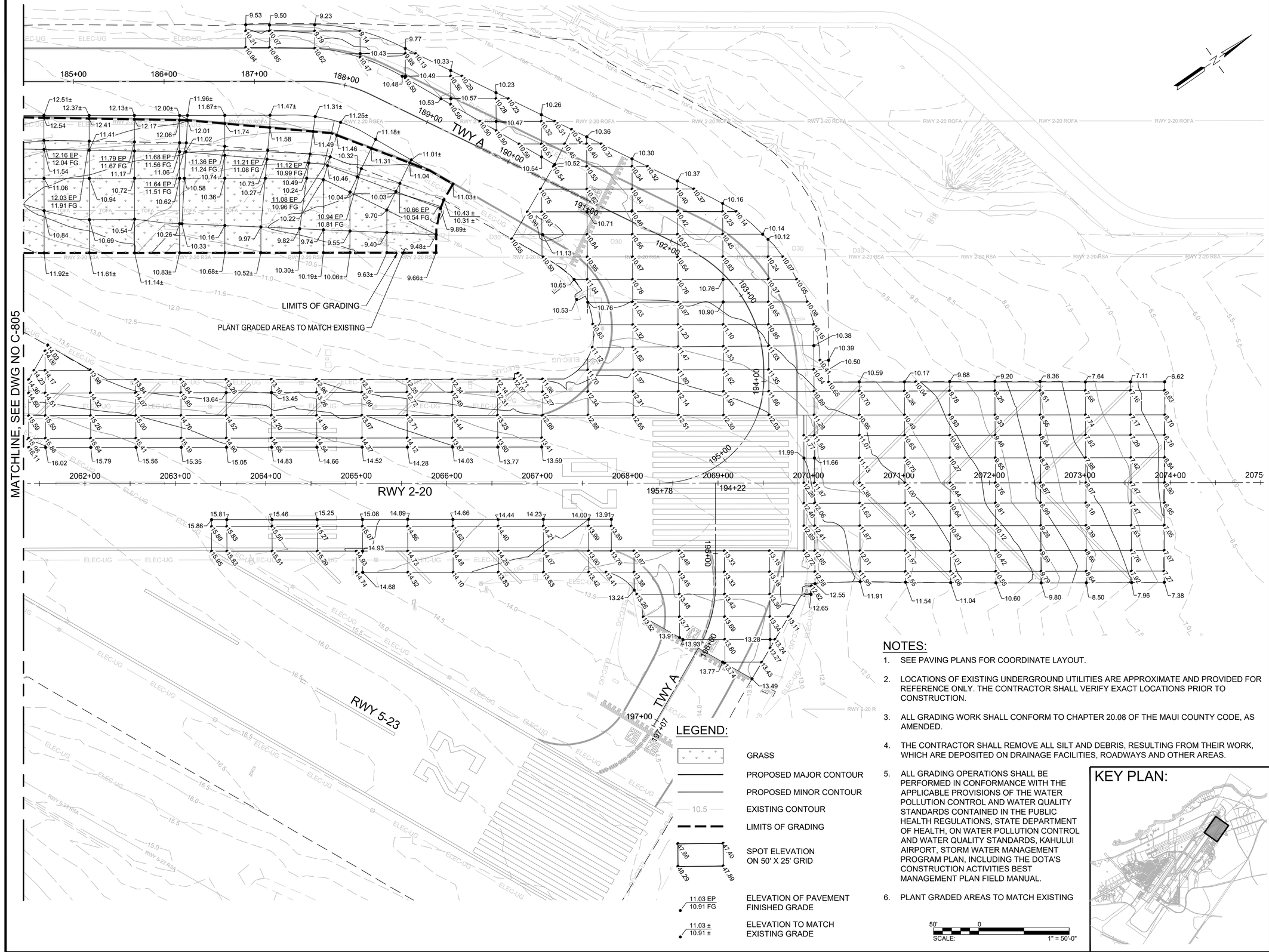
SPOT ELEVATION PLAN 5

DATE : **08/10/2026**

SHEET : 51 OF 74 SHEETS

DWG. NO. **C-805**

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\AM1022-25_051_C-805.DWG



LEGEND:

- GRASS
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- 10.5 — EXISTING CONTOUR
- LIMITS OF GRADING
- 47.96 / 47.40 / 46.29 / 47.89 — SPOT ELEVATION ON 50' X 25' GRID
- 11.03 EP / 10.91 FG — ELEVATION OF PAVEMENT FINISHED GRADE
- 11.03 ± / 10.91 ± — ELEVATION TO MATCH EXISTING GRADE

NOTES:

1. SEE PAVING PLANS FOR COORDINATE LAYOUT.
2. LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE AND PROVIDED FOR REFERENCE ONLY. THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS PRIOR TO CONSTRUCTION.
3. ALL GRADING WORK SHALL CONFORM TO CHAPTER 20.08 OF THE MAUI COUNTY CODE, AS AMENDED.
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6. PLANT GRADED AREAS TO MATCH EXISTING

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

KEY PLAN:

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
PROFESSIONAL ENGINEER
No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka 04/30/2028
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

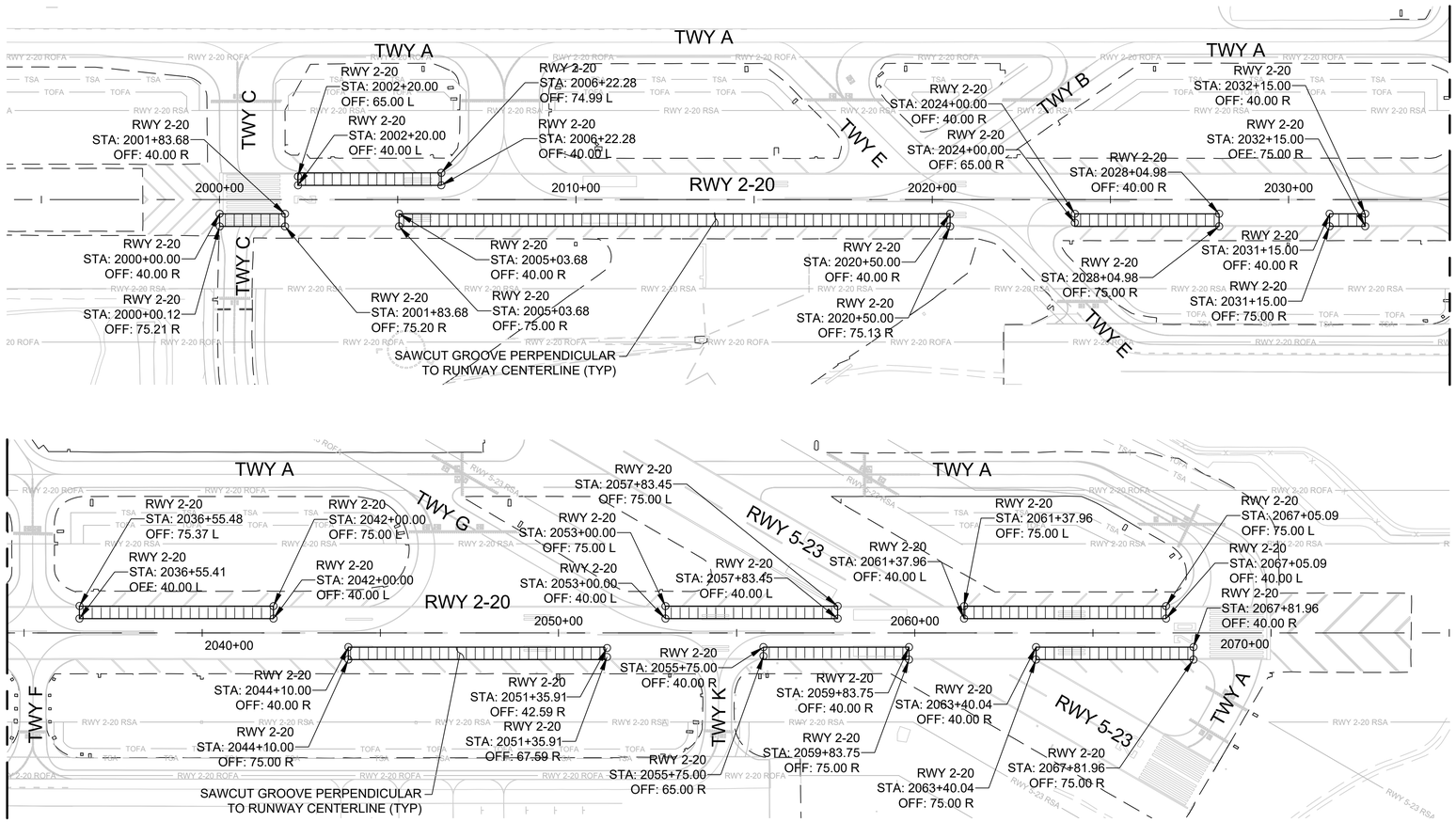
SPOT ELEVATION PLAN 6

DATE :
08/10/2026

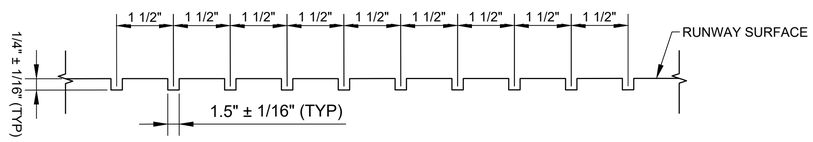
SHEET :
52 OF 74 SHEETS

DWG. NO.
C-806

K:\civil\23\45 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_052_C-806.DWG



GROOVING PLAN
SCALE: NTS



1 — SAWCUT GROOVING DETAIL
SCALE: NTS

NOTES:

1. RUNWAY GROOVING OPERATIONS TO MEET THE REQUIREMENTS PER SPECIFICATION 02621 SAW CUT GROOVES.
2. START RUNWAY GROOVE PLACEMENT ON EAST EDGE OF NEW AC PAVEMENT AS THE HIGHPOINT OF RUNWAY OCCURS ALONG THE EAST EDGELINE OF RUNWAY 2-20.
3. IF GROOVING MACHINE IS ABLE TO MATCH EXISTING RUNWAY GROOVES ON EAST EDGE OF NEW PAVEMENT, THEN GROOVE SHALL START AT THE INTERFACE WITH EXISTING GROOVES.
4. IF GROOVING MACHINE IS NOT ABLE TO MATCH EXISTING RUNWAY GROOVES, THEN SAW-CUT GROOVES MUST NOT BE CLOSER THAN 3 INCHES OR MORE THAN 6 INCHES FROM EXISTING GROOVES.
5. ALL OTHER GROOVING TOLERANCES PER SPECIFICATION 02621, SECTION 621-2.1.

200' 0 200' 400'
SCALE: 1" = 200'-0"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BRENT W.B. NAKAOKA
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No. 11106-C
HAWAII, U.S.A.

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Brent Nakaoka 04/30/2026
Signature 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

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20 PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

GROOVING PLAN AND DETAILS

DATE : **08/10/2026**

SHEET : 53 OF 74 SHEETS

DWG. NO. **C-901**

K:\civil\23745 Kahului 2-20\DRAWINGS\CONSTRUCTION DWGS\100_DWGS\AM1022-25\AM1022-25_053_C-901.DWG

ELECTRICAL SYMBOLS

DEMOLITION SYMBOL	EXISTING SYMBOL	NEW SYMBOL	DESCRIPTION
R1(D)	R1(E)	R1(N)	L-862 ELEVATED RUNWAY EDGE LIGHT, LED, HIGH INTENSITY, CLEAR FILTER; "R1" DENOTES LIGHT FIXTURE IDENTIFICATION NUMBER
R1(D)	R1(E)	R1(N)	L-862 ELEVATED RUNWAY EDGE LIGHT, LED, HIGH INTENSITY, YELLOW/CLEAR FILTER (HATCHED SIDE DENOTES YELLOW); "R1" DENOTES LIGHT FIXTURE IDENTIFICATION NUMBER
R1(D)	R1(E)	R1(N)	L-850C IN-PAVEMENT RUNWAY EDGE LIGHT, LED, HIGH INTENSITY, CLEAR FILTER, SEMI-FLUSH MOUNTED; "R1" DENOTES LIGHT FIXTURE IDENTIFICATION NUMBER
R1(D)	R1(E)	R1(N)	L-850C IN-PAVEMENT RUNWAY EDGE LIGHT, LED, HIGH INTENSITY, YELLOW/CLEAR FILTER HATCHED SIDE DENOTES YELLOW), SEMI-FLUSH MOUNTED; "R1" DENOTES LIGHT FIXTURE IDENTIFICATION NUMBER
R1(D)	R1(E)	R1(N)	L-862E ELEVATED THRESHOLD/END LIGHT, LED, MEDIUM INTENSITY, RED/GREEN FILTER (HATCHED SIDE DENOTES RED); "R1" DENOTES LIGHT FIXTURE IDENTIFICATION NUMBER
T1(D)	T1(E)	T1(N)	L-861T ELEVATED TAXIWAY EDGE LIGHT, LED, MEDIUM INTENSITY, BLUE FILTER, OMNI-DIRECTIONAL; "T1" DENOTES LIGHT FIXTURE IDENTIFICATION NUMBER
T1(D)	T1(E)	T1(N)	L-852T IN-PAVEMENT TAXIWAY EDGE LIGHT, LED, MEDIUM INTENSITY, BLUE FILTER, OMNI-DIRECTIONAL, SEMI-FLUSH MOUNTED; "T1" DENOTES LIGHT FIXTURE IDENTIFICATION NUMBER
S1(D)	S1(E)	S1(R) A B	L-858L RUNWAY/TAXIWAY DIRECTIONAL SIGN, LED; SIDES "A/B" INDICATED "S1" DENOTES SIGN IDENTIFICATION NUMBER
			MALSF STEADY BURNING APPROACH LIGHT, GREEN
			ELECTRICAL/COMMUNICATION HANDHOLE
			COMMUNICATION HANDHOLE
			L-867 LIGHT BASE
			ELECTRICAL PANEL
			CONDUIT DUCTBANK
– x — x — x –			RUNWAY/TAXIWAY CONDUIT
		1	BOX NOTE INDICATOR; NOTE 1 INDICATED
		A 1-2E	DUCT SECTION DESIGNATOR; SECTION "A" INDICATED WITH 1-2"E DUCT; E=ELECTRIC; SEE E-??? FOR DUCT SECTION DETAILS

NOTE: "X" DENOTES REMOVE EXISTING ITEM
FOR LIGHTS AND SIGNS, (D) DENOTES DEMOLISH, (E) DENOTES EXISTING TO REMAIN, (N) DENOTES NEW, (R) DENOTES RELOCATE EXISTING

ABBREVIATIONS

SYMBOL	DESCRIPTION
ADO	AIRPORTS DISTRICT OFFICE
AOA	AIRPORT OPERATIONS AREA
CCR	CONSTANT CURRENT REGULATOR
CKT	CIRCUIT
CMH	CIVIL MANHOLE
DEB	DIRECT EARTH BURIAL
DEMO	DEMOLISH
DWG	DRAWING
EC	ELECTRICAL HANDHOLE COVER
EMH	ELECTRICAL MANHOLE
EXIST.	EXISTING
FAA	FEDERAL AVIATION ADMINISTRATION
HH	HANDHOLE
ID	IDENTIFICATION
LF	LINEAR FEET
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MTD	MOUNTED
NAVAID	NAVIGATIONAL AID
NEC	NATIONAL ELECTRICAL CODE
NOTAM	NOTICE TO AIRMEN
PAPI	PRECISION APPROACH PATH INDICATOR
PCU	POWER AND CONTROL UNIT
PSI	POUNDS PER SQUARE INCH
REIL	RUNWAY END IDENTIFIER LIGHT
ROFA	RUNWAY OBJECT FREE AREA
RSA	RUNWAY SAFETY AREA
RWY	RUNWAY
TOFA	TAXIWAY OBJECT FREE AREA
TSA	TAXIWAY SAFETY AREA
TWY	TAXIWAY
TYP	TYPICAL

GENERAL NOTES:

1. PLANS DO NOT INDICATE COMPLETE EXISTING ELECTRICAL CONDITIONS. CONTRACTOR SHALL VISIT JOBSITE TO BECOME FAMILIAR WITH ALL EXISTING CONDITIONS AND EXTENT OF DEMOLITION AND NEW WORK PRIOR TO THE START OF WORK.
2. PRIOR TO THE START OF WORK, CONTRACTOR SHALL VISIT JOBSITE AND REPORT ANY DISCREPANCIES AND/OR DIFFERENCES IN DRAWINGS, IN RESPECT TO EXISTING CONDITION, TO THE ENGINEER.
3. CONTRACTOR SHALL RESOLVE ALL DISCREPANCIES AND QUESTIONS PRIOR TO THE START OF WORK. NO EXTRA PAYMENT SHALL BE ALLOWED ON ACCOUNT OF WORK MADE NECESSARY BY CONTRACTOR'S FAILURE TO VISIT THE SITE AND/OR FAILURE TO RESOLVE DISCREPANCIES AND QUESTIONS.
4. CONTRACTOR SHALL INVESTIGATE EACH AIRFIELD LIGHTING MANHOLE AFFECTED BY THE WORK AND PROVIDE DETAILED SCHEMATICS AND MANHOLE BUTTERFLY DIAGRAMS WITH PICTURES PRIOR TO DEMOLITION AND NEW WORK.
5. ALL POWER OUTAGES OF THE AIRFIELD LIGHTING SYSTEM AND NAVAIDS SHALL BE COORDINATED AND APPROVED BY THE ENGINEER. OUTAGES SHALL BE SCHEDULED AND LIMITED PER THE STATE AND AIRPORT'S REQUIREMENTS.
6. BEFORE ANY ELECTRICAL WIRING IS CUT, CONTRACTOR SHALL VERIFY USAGE OF WIRING TO ENSURE THAT REQUIRED AIRFIELD SERVICES ARE NOT DISCONTINUED.
7. RETURN ALL SALVABLE APPARATUS TO THE AIRPORT, AS DETERMINED BY THE ENGINEER, AT NO ADDITIONAL COST TO THE STATE. DISPOSE OF ALL UNWANTED MATERIALS.
8. FOR EXISTING CIRCUITS WHERE SOME ELECTRICAL ITEMS ARE REMOVED, PROVIDE ALL NECESSARY RACEWAYS, WIRES, BOXES, AND ETC. PER NEC REQUIREMENTS TO ENSURE ELECTRICAL CONTINUITY AND PROPER OPERATION OF REMAINING CIRCUIT COMPONENTS.
9. ALL ELECTRICAL EQUIPMENT ENCLOSURES AND EQUIPMENT MOUNTING HARDWARE FOR OUTDOOR INSTALLATION SHALL BE TYPE 316 STAINLESS STEEL, UNLESS OTHERWISE NOTED.
10. WORK SHALL BE DONE IN PHASES. SEE G-200 TO G-209 FOR PHASING PLANS. PROVIDE ALL EQUIPMENT, WIRING AND CONNECTIONS TO ENSURE CONTINUITY OF AIRFIELD LIGHTING SYSTEM TO REMAIN IN USE, AT NO ADDITIONAL COST TO THE STATE.
11. EXISTING AIRFIELD LIGHTING SYSTEM COMPONENTS NOT IN CONSTRUCTION SHALL REMAIN IN OPERATION AT ALL TIMES. PROVIDE TEMPORARY LIGHT FIXTURES, MARKERS, SIGNING, CONDUIT AND WIRING AS NECESSARY TO MAINTAIN OPERATION OF THE EXISTING AIRFIELD LIGHTING SYSTEM.
12. ALL EXISTING ELECTRICAL EQUIPMENT LOCATED WITHIN THE LIMITS OF WORK THAT ARE TO REMAIN SHALL BE PROTECTED IN PLACE. THIS INCLUDES HANDHOLES, MANHOLES, LIGHT FIXTURES, CONDUIT AND ALL OTHER ASSOCIATED EQUIPMENT.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BILLY J. ORNELLAS
LICENSED PROFESSIONAL ENGINEER
No. 11658-E
HAWAII, U. S. A.

2026.05.19

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.")

Signature 04/30/2026 Lic. Exp. Date

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

DSGN.	DRWN.	CHKD.	APPD.
RY	CAD	BJO	BJO

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20, PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

SYMBOL LIST, GENERAL NOTES

DATE :
08/10/2026

SHEET :
54 OF 74 SHEETS

DWG. NO.
E-001

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AIRFIELD LIGHTING SYSTEM NOTES:

1. THE ELECTRICAL INSTALLATION, AT A MINIMUM, SHALL MEET THE NEC AND LOCAL REGULATIONS.
2. CONTRACTOR SHALL ENSURE CONTINUOUS OPERATION OF ALL EXISTING SYSTEMS. EXCAVATION WILL BE BY SUCH METHOD THAT WILL ENSURE CONTINUED OPERATION OF THE EXISTING SYSTEM DURING INSTALLATION AND COMPLETION OF THE NEW WORK.
3. THE CONTRACTOR SHALL ASCERTAIN THAT ALL LIGHTING SYSTEM COMPONENTS FURNISHED (INCLUDING FAA APPROVED EQUIPMENT) ARE COMPATIBLE IN ALL RESPECTS WITH EACH OTHER AND THE REMAINDER OF THE NEW/EXISTING SYSTEM. ANY NON-COMPATIBLE COMPONENTS FURNISHED BY THE CONTRACTOR SHALL BE REPLACED AT NO ADDITIONAL COST TO THE AIRPORT SPONSOR WITH A SIMILAR UNIT THAT IS APPROVED BY THE ENGINEER AND COMPATIBLE WITH THE REMAINDER OF THE AIRPORT LIGHTING SYSTEM.
4. IN CASE THE CONTRACTOR ELECTS TO FURNISH AND INSTALL AIRPORT LIGHTING EQUIPMENT REQUIRING ADDITIONAL WIRING, TRANSFORMERS, ADAPTERS, MOUNTINGS, ETC., TO THOSE SHOWN ON THE DRAWINGS AND/OR LISTED IN THE SPECIFICATIONS, ANY COST FOR THESE ITEMS SHALL BE INCIDENTAL TO THE EQUIPMENT COST.
5. THE CONTRACTOR INSTALLED EQUIPMENT (INCLUDING FAA APPROVED) SHALL NOT GENERATE ANY ELECTROMAGNETIC INTERFERENCE IN THE EXISTING AND/OR NEW COMMUNICATIONS, WEATHER, AIR NAVIGATION, AND AIR TRAFFIC CONTROL EQUIPMENT. ANY EQUIPMENT GENERATING SUCH INTERFERENCE SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST WITH EQUIPMENT MEETING THE APPLICABLE SPECIFICATIONS AND NOT GENERATING ANY INTERFERENCE.
6. USE FAA APPROVED EQUIPMENT AS LISTED IN AC 150/5345-53D (CURRENT EDITION) AND IT'S LATEST ADDENDUM.
7. ANY AND ALL INSTRUCTIONS FROM THE ENGINEER TO THE CONTRACTOR REGARDING CHANGES IN, OR DEVIATIONS FROM, THE PLANS AND SPECIFICATIONS SHALL BE IN WRITING WITH COPIES SENT TO THE AIRPORT SPONSOR AND THE FAA FIELD OFFICE (AIRPORTS DISTRICT OFFICE (ADO)/AIRPORTS FIELD OFFICE (AFO)). THE CONTRACTOR SHALL NOT ACCEPT ANY VERBAL INSTRUCTIONS FROM THE ENGINEER REGARDING ANY CHANGES FROM THE PLANS AND SPECIFICATIONS.
8. A MINIMUM OF THREE COPIES OF INSTRUCTION MANUAL SHALL BE SUPPLIED WITH EACH TYPE OF EQUIPMENT. THE MANUALS DESCRIBING A MORE SOPHISTICATED TYPE OF EQUIPMENT SUCH AS REGULATORS, PAPI, REIL, ETC. AS A MINIMUM SHALL CONTAIN THE FOLLOWING:
   - (A) A DETAILED DESCRIPTION OF THE OVERALL EQUIPMENT AND ITS INDIVIDUAL COMPONENTS.
   - (B) THEORY OF OPERATION INCLUDING THE FUNCTION OF EACH COMPONENT
   - (C) INSTALLATION INSTRUCTIONS.
   - (D) START-UP INSTRUCTIONS.
   - (E) PREVENTATIVE MAINTENANCE REQUIREMENTS.
   - (F) CHART FOR TROUBLESHOOTING.
   - (G) COMPLETE POWER AND CONTROL DETAILED WIRING DIAGRAM(S), SHOWING EACH CONDUCTOR/CONNECTION/COMPONENT-"BLACK" BOXES ARE NOT ACCEPTABLE. THE DIAGRAM OR THE NARRATIVE SHALL SHOW VOLTAGES/CURRENTS/WAVE SHAPES AT STRATEGIC LOCATIONS TO BE USED WHEN CHECKING AND/OR TROUBLESHOOTING THE EQUIPMENT. WHEN THE EQUIPMENT HAS SEVERAL MODES OF OPERATION, SUCH AS SEVERAL BRIGHTNESS STEPS, THESE PARAMETERS SHALL BE INDICATED FOR ALL THE DIFFERENT MODES.
   - (H) PARTS LIST WHICH WILL INCLUDE ALL MAJOR AND MINOR COMPONENTS, SUCH AS RESISTORS, DIODES, ETC. IT SHALL INCLUDE A COMPLETE NOMENCLATURE OF EACH COMPONENT AND, IF APPLICABLE, THE NAME ITS MANUFACTURER AND THE CATALOG NUMBER.
   - (I) SAFETY INSTRUCTIONS
9. UNLESS OTHERWISE NOTED, ALL UNDERGROUND FIELD POWER MULTIPLE AND SERIES CIRCUIT CONDUCTORS WHETHER DIRECT EARTH BURIAL (DEB) OR IN DUCT/CONDUIT SHALL BE FAA APPROVED TYPE L-824. INSULATION VOLTAGE AND SIZE SHALL BE AS SPECIFIED.
10. NO COMPONENTS OF PRIMARY CIRCUIT SUCH AS CABLE, CONNECTORS AND TRANSFORMERS SHALL BE BROUGHT ABOVE GROUND AT EDGE LIGHTS, SIGNS, REIL, PAPI, ETC.
11. THERE SHALL BE NO EXPOSED POWER/CONTROL CABLES BETWEEN THE POINT WHERE THEY LEAVE THE UNDERGROUND (DEB OR L-867 BASES) AND WHERE THEY ENTER THE EQUIPMENT (SUCH AS TAXIWAY SIGNS, PAPI, REIL, ETC. ENCLOSURES). THESE CABLES SHALL BE ENCLOSED IN RIGID CONDUIT OR IN FLEXIBLE WATER-TIGHT CONDUIT WITH FRANGIBLE COUPLING(S) AT THE GRADE OR THE HOUSING COVER, AS SHOWN IN APPLICABLE DETAILS.
12. THE JOINTS OF THE L-823 PRIMARY CONNECTORS SHALL BE WRAPPED WITH AT LEAST ONE LAYER OF RUBBER OR SYNTHETIC RUBBER TAPE AND ONE LAYER OF PLASTIC TAPE, ONE-HALF LAPPED, EXTENDING AT LEAST 1-1/2 INCHES ON EACH SIDE OF THE JOINT.
13. THE CABLE ENTRANCE INTO THE FIELD-ATTACHED L-823 CONNECTORS SHALL BE ENCLOSED BY A HEAT SHRINKABLE TUBING WITH CONTINUOUS INTERNAL ADHESIVE.
14. THE ID OF THE PRIMARY L-823 FIELD ATTACHED CONNECTORS SHALL MATCH THE CABLE OD TO PROVIDE A WATERTIGHT CABLE ENTRANCE. THIS ENTRANCE SHALL BE ENCAPSULATED IN A HEAT SHRINKABLE TUBING WITH CONTINUOUS, FACTORY APPLIED INTERNAL ADHESIVE.
15. L-823 TYPE II, TWO-CONDUCTOR SECONDARY CONNECTORS SHALL BE CLASS "A" (FACTORY MOLDED).
16. THERE SHALL BE NO SPLICES IN THE SECONDARY CABLE(S) WITHIN THE STEMS OF A RUNWAY/TAXIWAY EDGE/THRESHOLD LIGHTING FIXTURES AND THE WIREWAYS LEADING TO TAXIWAY SIGNS AND PAPI/REIL EQUIPMENT.
17. ELECTRICAL INSULATING GREASE SHALL BE APPLIED WITHIN THE L-823, SECONDARY, TWO CONDUCTOR CONNECTORS TO PREVENT WATER ENTRANCE. THESE CONNECTORS SHALL NOT BE TAPED.
18. A SLACK OF 3 FEET, MINIMUM, SHALL BE PROVIDED IN THE PRIMARY CABLE AT EACH TRANSFORMER/CONNECTOR TERMINATION.
19. DIRECTION OF PRIMARY CABLES SHALL BE IDENTIFIED BY COLOR CODING AS FOLLOWS WHEN FACING LIGHT WITH BACK FACING PAVEMENT: CABLE TO THE LEFT IS CODED RED AND CABLE TO THE RIGHT IS CODED BLUE. THIS APPLIES TO STAKE MOUNTED LIGHTS AND BASE MOUNTED LIGHTS WHERE THE BASE HAS ONLY ONE ENTRANCE.
20. L-867 BASES SHALL BE SIZE B, 24" DEEP, CLASS 1, UNLESS OTHERWISE NOTED.
21. BASE MOUNTED FRANGIBLE COUPLINGS SHALL NOT HAVE WEEP HOLES TO THE OUTSIDE. PLUGGED HOLES SHALL NOT BE ACCEPTABLE. THE COUPLING SHALL HAVE A 1/4" DIAMETER MINIMUM OR EQUIVALENT OPENING FOR DRAINAGE FROM THE SPACE AROUND THE SECONDARY CONNECTOR INTO THE L-867 BASE.
22. THE ELEVATION OF THE FRANGIBLE COUPLING GROOVE SHALL NOT EXCEED 1-1/2" ABOVE THE EDGE OF THE COVER IN CASE OF BASE-MOUNTED COUPLINGS.
23. WHERE THE FRANGIBLE COUPLING IS NOT AN INTEGRAL PART OF THE LIGHT FIXTURE STEM OR MOUNTING LEG, A BEAD OF SILICON SEAL MUST BE APPLIED COMPLETELY AROUND THE LIGHT STEM OR WIREWAY AT FRANGIBLE COUPLING TO PROVIDE A WATERTIGHT SEAL.
24. PLASTIC LIGHTING FIXTURE COMPONENTS SUCH AS LAMP HEADS, STEMS, FRANGIBLE COUPLINGS, BASE COVERS, AND BRACKETS SHALL NOT BE ACCEPTABLE UNLESS OTHERWISE NOTED. L-867 PLASTIC TRANSFORMER HOUSINGS SHALL BE ACCEPTABLE. A METAL THREADED FITTING SHALL BE SET IN FLANGE DURING CASTING PROCESS. BASE COVER BOLTS SHALL BE FABRICATED FROM 18-8 STAINLESS STEEL.
25. THE TOLERANCE FOR THE HEIGHT OF RUNWAY/TAXIWAY EDGE LIGHTS SHALL BE ± ONE (1) INCH. IN CASE OF BASE MOUNTED LIGHTS, THE SPECIFIED LIGHTING FIXTURE HEIGHT SHALL BE MEASURED BETWEEN THE TOP OF THE BASE FLANGE AND THE TOP OF THE LENS, AND INCLUDING THE BASE COVER, FRANGIBLE COUPLING, STEM, LAMP HOUSING AND LENS.
26. THE TOLERANCE FOR THE LATERAL SPACING (LIGHT LANE TO RUNWAY/TAXIWAY CENTERLINE) OF RUNWAY/TAXIWAY EDGE LIGHTS SHALL BE ± ONE (1) INCH. THIS ALSO APPLIES AT INTERSECTIONS TO LATERAL SPACING BETWEEN LIGHTS OF A RUNWAY/TAXIWAY AND THE INTERSECTING RUNWAY/TAXIWAY.
27. L-867 BASES MAY BE PRECAST. ENTRANCES INTO L-867 BASES SHALL BE PLUGGED FROM THE INSIDE WITH DUCT SEAL.
28. GALVANIZED/PAINTED EQUIPMENT/COMPONENT SURFACES SHALL NOT BE DAMAGED BY DRILLING, FILING, ETC. DRAIN HOLES IN METAL TRANSFORMER HOUSINGS SHALL BE MADE BEFORE GALVANIZING.
29. EDGE LIGHT NUMBERING TAGS SHALL BE FACING THE PAVEMENT OF THE ASSOCIATED RUNWAY OR TAXIWAY.
30. CABLE/SPLICE/DUCT MARKERS SHALL BE PRECAST CONCRETE OF THE SIZE SHOWN. LETTERS/NUMBERS/ARROWS FOR THE LEGEND TO BE IMPRESSED INTO THE TOPS OF THE MARKERS SHALL BE PRE-ASSEMBLED AND SECURED IN THE MOLD BEFORE THE CONCRETE IS POURED. LEGENDS INSCRIBED BY HAND IN WET CONCRETE ARE NOT ACCEPTABLE.
31. ALL UNDERGROUND CABLE RUNS SHALL BE IDENTIFIED BY CABLE MARKERS AT 200 FEET MAXIMUM SPACING WITH AN ADDITIONAL MARKER AT EACH CHANGE OF DIRECTION OF THE CABLE RUN. CABLE MARKERS SHALL BE INSTALLED ABOVE THE CABLE.
32. THE CABLE AND SPLICE MARKERS SHALL IDENTIFY THE CIRCUITS TO WHICH THE CABLE BELONG.
33. LOCATIONS OF ENDS OF ALL UNDERGROUND DUCTS SHALL BE IDENTIFIED BY DUCT MARKERS.
34. THE PREFERRED MOUNTING METHOD OF RUNWAY/TAXIWAY SIGNS IS BY THE USE OF SINGLE ROW OF LEGS. HOWEVER, TWO ROWS WILL BE ACCEPTABLE.
35. POWER TO SIGNS SHALL BE PROVIDED THROUGH BREAKAWAY CABLE CONNECTORS INSTALLED WITHIN THE FRANGIBLE POINT PORTION OF THE SIGN'S MOUNTING LEGS. THERE SHALL BE NO ABOVE GROUND ELECTRICAL CONNECTION BETWEEN SIGNS IN A SIGN ARRAY.
36. ALL POWER AND CONTROL CABLES IN MAN/HAND HOLES SHALL BE TAGGED. USE EMBOSSED STAINLESS STEEL STRIPS OR TAGS ATTACHED AT BOTH ENDS TO THE CABLE BY THE USE OF UV RESISTANT PLASTIC STRAPS. A MINIMUM OF TWO TAGS SHALL BE PROVIDED ON EACH CABLE IN A MAN/HAND HOLE - ONE AT THE CABLE ENTRANCE, AND ONE AT THE CABLE EXIT.
37. APPLY A CORROSION INHIBITING, ANTI-SEIZE COMPOUND TO ALL SCREWS, NUTS AND FRANGIBLE COUPLING THREADS.
38. THERE SHALL BE NO SPLICES BETWEEN THE ISOLATION TRANSFORMERS. L-823 CONNECTORS ARE ALLOWED AT TRANSFORMER LOCATIONS ONLY, UNLESS OTHERWISE NOTED.
39. CONCRETE USED FOR SLABS, FOOTINGS, BACKFILL AROUND TRANSFORMER HOUSINGS, MARKERS, ETC., MUST BE 3000 PSI MIN., AIR-ENTRAINED.
40. ALL GROUND CONNECTIONS TO GROUND RODS, BUSSES, PANELS, ETC. SHALL BE MADE WITH PRESSURE TYPE SOLDERLESS LUGS AND GROUND CLAMPS. SOLDERED OR BOLT AND WASHER TYPE CONNECTIONS ARE NOT ACCEPTABLE. CLEAN ALL METAL SURFACES BEFORE MAKING GROUND CONNECTIONS. GROUND ROD CONNECTIONS SHALL BE EXOTHERMICALLY WELDED.
41. TOPS OF GROUND RODS SHALL BE 6 INCHES BELOW GRADE.
42. THE RESISTANCE TO GROUND OF THE COUNTERPOISE SYSTEM, OR AT ISOLATION LOCATIONS, SUCH AS AIRPORT BEACON SHALL NOT EXCEED 10 OHMS.
43. THE CONTRACTOR SHALL REPLACE ALL EXISTING CONDUCTORS WITHIN THE LIMITS OF WORK. NEW AND EXISTING CONDUCTORS SHALL BE SPLICED AS NECESSARY TO MAINTAIN CONTINUITY AND OPERATION OF THE EXISTING AIRFIELD LIGHTING CIRCUITS. CONTRACTOR SHALL VERIFY AND DOCUMENT EXISTING AIRFIELD CIRCUITING.
44. THE CONTRACTOR SHALL PROVIDE NEW ISOLATION TRANSFORMERS WITH ALL AIRFIELD LIGHTING DEVICES SHOWN ON THE DRAWINGS.
45. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN EXCAVATING IN AREAS OF EXISTING UTILITIES. EXISTING UTILITIES SHALL BE LOCATED AND MARKED IN ADVANCE OF EXCAVATION IN ALL AREAS. ANY DAMAGE DONE TO KNOWN UTILITIES SHALL BE REPAIRED IMMEDIATELY BY THE CONTRACTOR AT THEIR OWN EXPENSE. THE LOCATION OF ANY UTILITIES SHOWN ON THE PLANS IS APPROXIMATE ONLY AND DEPTHS MAY NOT BE KNOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING OR REPAIRING ALL DAMAGE TO KNOWN UTILITIES AND AIRPORT PROPERTY.

SPECIAL NOTES:

1. THE CONTRACTOR SHALL MAINTAIN AVIATION SAFETY IN THE AIR OPERATIONS AREA (AOA) AT ALL TIMES DURING CONSTRUCTION ACTIVITY BY COMPLYING WITH FAA ADVISORY CIRCULAR 150/5370-2 (CURRENT EDITION), OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION.
2. IN ORDER TO MINIMIZE DISRUPTION TO AIRPORT OPERATIONS, ALL TRENCHING AND WORK INVOLVING HEAVY EQUIPMENT ON THE AIRFIELD SHALL BE PERFORMED DURING OFF-PEAK HOURS AT NIGHT. CONSTRUCTION OPERATIONS SHALL BE SCHEDULED SUCH THAT TAKEOFFS AND LANDINGS HAVE PRIORITY OVER CONSTRUCTION ACTIVITY. NO CONSTRUCTION SHALL BE PERFORMED WITHIN THE RUNWAY SAFETY AREA UNLESS THE RUNWAY IS CLOSED. REQUESTS FOR RUNWAY CLOSURES SHALL BE SUBMITTED AT LEAST TWO WEEKS IN ADVANCE TO ENSURE THAT PROPER "NOTICE TO AIRMEN" (NOTAM) CAN BE ISSUED. SCHEDULING OF CONSTRUCTION ACTIVITIES SHALL BE AGREED UPON IN DETAIL WITH THE AIRPORT MANAGER (OR HIS AUTHORIZED REPRESENTATIVE), CONSTRUCTION MANAGER AND FAA TOWER PERSONNEL. AT ANY TIME DURING CONSTRUCTION, THE CONTRACTOR MAY BE DIRECTED BY AIRPORT OPERATIONS TO PUSH BACK START TIMES, MOVE UP END TIMES, INTERRUPT WORK TEMPORARILY, OR CANCEL WORK ENTIRELY DURING EMERGENCY CONDITIONS AND OTHER UNFORESEEN EVENTS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR THE SERVICES OF EFFICIENT, QUALIFIED PERSONNEL EQUIPPED W/ 2-WAY RADIO EQPT FOR CONTINUOUS MONITORING AND COMMUNICATIONS WITH AIRPORT OPERATIONS. ALL PERSONNEL SHALL ATTEND AN AOA DRIVER TRAINING CLASS TO BECOME FAMILIAR WITH AIRFIELD SIGNS AND MARKINGS AND BE ABLE TO COMMUNICATE WITH AIRPORT OPERATIONS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING UP AND TAKING DOWN LIGHTED "X"s AT EACH END OF A CLOSED RUNWAY.
5. REFER TO THE SPECIFICATIONS, SECTION 8.21 OF THE SPECIAL PROVISIONS FOR VEHICLE/PERSONNEL REQUIREMENTS IN RESTRICTED AIR OPERATIONS AND MOVEMENT AREAS.
6. ANY DAMAGES TO EXIST CABLES AND/OR UTILITY LINES, WHETHER OR NOT SHOWN, SHALL BE REPAIRED AT NO COST TO THE STATE.
7. AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL REMOVE ALL EXCAVATED MATERIALS FROM THE RUNWAY AND TAXIWAY AREAS. UNLESS REQUIRED FOR SAFETY, THE CONTRACTOR SHALL CLEAN AND REMOVE ALL DEBRIS, UNINSTALLED MATERIALS, BARRICADES, ENCLOSURES AND OTHER OBSTACLES TO NORMAL OPERATIONS.
8. USE OF STEEL PLATES TO COVER OPEN TRENCHES SHALL NOT BE ALLOWED. CONTRACTOR SHALL FILL AND COMPACT ALL TRENCHES AT THE END OF EACH WORK DAY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

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2026.05.27

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Signature — 04/30/2026 Lic. Exp. Date

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

DSGN.	DRWN.	CHKD.	APPD.
RY	CAD	BJO	BJO

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20, PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

AIRFIELD LIGHTING SYSTEM NOTES

DATE :
08/10/2026
SHEET :
55 OF 74 SHEETS

DWG. NO.
E-002

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AIRFIELD LIGHTING EQUIPMENT NOTES:

1. LIGHTING CIRCUITS, HOME RUN CABLES AND POWER SERVICE CABLES SHALL BE MARKED AND IDENTIFIED AT ALL POINTS ACCESSIBLE TO THESE CIRCUITS. LOCATIONS SHALL INCLUDE, BUT NOT BE LIMITED TO, MANHOLES, HANDHOLES, ENTRANCES INTO DUCTS, WIREWAYS, PULL AND JUNCTION BOXES, BREAKOUT BOXES, AND EACH LIGHTING FIXTURE CAN. THE MARKING SHALL BE PERMANENT AND OF MATERIAL WHICH WILL NOT DETERIORATE DURING THE LIFE OF THE CABLE. THE MARKERS SHALL BE PERMANENTLY ATTACHED TO THE CABLE AND SHOULD NOT DAMAGE OR BE ABLE TO BE TORN FROM THE CABLE.

2. TRENCHES SHALL NOT BE LEFT OPEN WHEN A TAXIWAY IS OPERATIONAL, AND CONDUCTOR ENDS SHALL NOT REMAIN EXPOSED TO THE WEATHER.

3. THE CONTRACTOR SHALL STAKE OUT THE ROUTE FOR NEW CONDUITS AND OBTAIN ENGINEER APPROVAL BEFORE STARTING THE TRENCHING AT EACH SITE.

4. EXISTING AIRFIELD LIGHTING SHALL BE KEPT IN OPERATION DURING THE CONSTRUCTION UNLESS OTHERWISE SPECIFIED OR PRIOR APPROVAL HAS BEEN OBTAINED FROM THE ENGINEER. AIRFIELD LIGHTING INCLUDES ALL RUNWAY AND TAXIWAY LIGHTING ON ACTIVE PORTIONS OF RUNWAYS AND TAXIWAYS. PROVIDE A DETAILED PLAN FOR TEMPORARY SPLICES OF PRIMARY CABLE TO MAINTAIN CIRCUIT CONTINUITY FOR ENGINEER APPROVAL PRIOR TO INTERRUPTING ANY CIRCUIT.

5. ANY UNPROTECTED CABLE (DIRECT-BURIED) ENCOUNTERED THAT IS VERIFIED AS NOT ABANDONED IN PLACE SHALL BE PLACED IN SPLIT DUCT OF APPROPRIATE SIZE AND CONCRETE-ENCASED FOR ITS UNPROTECTED LENGTH THROUGH THE AREA OF CONSTRUCTION. CONTRACTOR SHALL TAKE ALL REASONABLE MEASURES TO AVOID HAVING TO CUT AND SPLICE DIRECT-BURIED CABLE. BE SURE TO NOTE SPLIT DUCT PORTIONS ON AS-BUILTS.

6. DAILY AS-BUILTS OF ALL ELECTRICAL INSTALLATIONS SHALL BE KEPT BY THE CONTRACTOR ON SITE. SUBMIT MONTHLY AS PART OF PAY REQUESTS.

7. ALL WORK REQUIRED TO ENTER A MANHOLE OR HANDHOLE TO PERFORM WORK INCLUDING PUMPING WATER, SAFETY EQUIPMENT AND CONFINED SPACE PERMIT SHALL BE INCIDENTAL TO THE PROJECT WITH NO SEPARATE PAYMENT. FOR EXISTING MANHOLES AND HANDHOLES, PUMP OUT WATER AND CLEAN OUT ANY DEBRIS, AND REPAIR ANY CRACKS OR "CHIPS" IN THE WALL. REPLACE ANY DAMAGED RACKS, AND VERIFY ALL GROUND CONNECTIONS IN MANHOLE/HANDHOLE. OBTAIN ENGINEERS APPROVAL PRIOR TO CORRECTING THESE DEFICIENCIES. ALL MANHOLES AND HANDHOLES ENTERED UNDER THIS WORK SHALL BE PHOTOGRAPHED PRIOR TO RECONFIGURATION AND AFTER RECONFIGURATION. AFTER RECONFIGURATION OF EXISTING MANHOLES AND HANDHOLES, PROVIDE BUTTERFLY TYPE DETAILS OF EACH INDICATING CONDUIT ENTRANCES AND CABLES INSTALLED IN EACH RESPECTIVE CONDUIT. ALL CABLES INSIDE MANHOLE OR HANDHOLE SHALL BE DE-ENERGIZED AND TAGGED OUT WHEN WORK IS BEING PERFORMED. WORK IN MANHOLE SHALL ONLY BE ALLOWED DURING DAYTIME HOURS.

8. EXISTING AND NEW PAVEMENT LIMITS ARE INDICATED FOR INFORMATIONAL PURPOSES ONLY. REFER TO CIVIL DRAWINGS FOR ACTUAL LOCATIONS AND DESIGN LAYOUT.

9. ALL CURRENT CARRYING COMPONENTS SHALL BE COPPER.

10. A GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR TO BE INCLUDED IN EACH POWER CONDUIT.

11. ALL NON-CURRENT CARRYING METALLIC PARTS OF DEVICES AND SYSTEMS, ENCLOSURES, OUTLET BOXES, SUPPORTS, ETC., SHALL BE BONDED THROUGH THE INTERIOR GROUNDING SYSTEM. FACE PLATES AND COVERS SHALL BE EFFECTIVELY GROUNDED PER MANUFACTURER'S UL LISTING.

12. CONDUIT SYSTEMS UNLESS OTHERWISE NOTED SHALL BE:
    A. ALL DERGROUND AFL CONDUITS TO BE SCHEDULE 40 PVC.
    B. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH PULL STRING.
    C. PVC CONDUIT SHALL NOT BE USED FOR ANY EXPOSED APPLICATIONS.

14. HNL MAINTENANCE SHALL HAVE RIGHT OF FIRST REFUSAL FOR ALL REMOVED EQUIPMENT. EQUIPMENT NOT REQUIRED BY AIRPORT SHALL BECOME THE RESPONSIBLY OF THE CONTRACTOR. DISPOSED AT CONTRACTOR'S OWN EXPENSE.

15. GROUNDING:
    A. CONTRACTOR SHALL FURNISH AND INSTALL GROUND WIRE IN EACH NEW 2" CONDUIT AND IN EXISTING CONDUIT. TERMINATE GROUND WIRE IN EACH NEW BASE CAN.
    B. CONTRACTOR SHALL FURNISH AND INSTALL A GROUND ROD AT EACH NEW BASE CAN AND LIGHT FIXTURE.
    C. TERMINATE A BARE COPPER WIRE BETWEEN GROUND ROD AND NEAREST COPPER WIRE.

16. CONTRACTOR SHALL PROVIDE NEW PULL STRING FOR ALL CONDUITS.

17. INSPECTION TO BE PERFORMED PRIOR TO DEMOLITION AND REMOVAL:
    A. PERFORM A VISUAL INSPECTION WITH ENGINEER TO CONFIRM THAT FIXTURES TO BE REUSED ARE NOT DAMAGED AND WORKING. ANY DEFICIENCIES SHALL BE NOTED IN WRITING WITHIN 7 DAYS OF INSPECTION PERIOD. CONTRACTOR SHALL STORE FIXTURES INDOORS AND PROTECT THEM FROM DAMAGE. FIXTURES DAMAGED DURING THE STORAGE AND REINSTALLATION PROCESS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE AIRPORT.
    B. CONTRACTOR SHALL OPEN EXISTING HANDHOLES/BASE CANS AND MANHOLES WHERE CABLE/CONDUIT WILL BE DEMOLISHED TO ASCERTAIN THE CIRCUIT OUTING AND CONFIRM THE CIRCUIT ROUTING SHOWN ON THE DRAWINGS. THIS IS REQUIRED TO ENSURE THAT CIRCUIT CONTINUITY IS MAINTAINED. PROVIDE DRAWING TO ENGINEER DETAILING ANY DISCREPANCIES AS WELL AS LOCATIONS WHERE ALTERNATIVE CABLE ROUTING WILL BE REQUIRED TO ENSURE THAT ALL CIRCUITS MAINTAIN THE REQUIRED CONNECTIVITY. THE FIELD INVESTIGATION SHALL BE INCIDENTAL TO THE PROJECT.

18. DEMOLITION AND REMOVAL NOTES:
    A. EXISTING FIXTURES & SIGNS TO BE SALVAGED AND NOT REQUIRING REINSTALLATION FOR THE AIRPORT SHALL BE DELIVERED TO THE AIRPORT MAINTENANCE YARD WRAPPED AND PALLETED, (INCLUDING TAPING THE FIXTURE CONNECTORS TOGETHER) TO ENSURE THEY ARE PROTECTED. ALL OTHER MATERIAL NOT REUSED ON THE PROJECT SHALL BE REMOVED BY THE CONTRACTOR AT CONTRACTOR'S OWN EXPENSE AND RISK.
    B. CABLE:
        a. CONTRACTOR SHALL REMOVE EXISTING CABLES AS DETAILED ON THE CONSTRUCTION DRAWINGS. DUCTBANK TO BE ABANDONED SHALL HAVE ALL CABLE REMOVED FROM INSIDE EACH CONDUIT WITH EACH CONDUIT CAPPED.
        b. REMOVE EXISTING CABLE AND PULL NEW CABLE WHENEVER NEW CABLE IS BEING INSTALLED IN SAME CONDUIT.
        c. CONTRACTOR SHALL ASSUME THAT CABLE LENGTH TO BE REMOVED EQUALS THE QUANTITY OF NEW CABLE TO BE INSTALLED UNDER THE APPROPRIATE 16108 BID ITEMS.
        d. EXISTING GROUND WIRE LOCATED IN EXISTING BASE CANS WHERE NEW CABLE IS BEING INSTALLED MAY BE REUSED.
    C. CONDUIT AND DUCTBANK:
        a. CONTRACTOR SHALL REMOVE EXISTING CONDUIT AND DUCTBANK AS DETAILED ON THE DRAWINGS. FOR CONDUIT OR DUCTBANK TO BE ABANDONED, REMOVE ALL EXISTING CABLES AND PROVIDE CAPS ON CONDUITS. FOR CONDUIT OR DUCTBANK TO BE REMOVED, PUMP OUT WATER FROM NEAREST HANDHOLES AND MANHOLES PRIOR TO REMOVAL.
        b. ASSUME EXISTING DUCTBANK IS APPROXIMATELY 4' TO 8' BELOW GRADE.
        c. CONDUITS TO BE ABANDONED SHALL BE CAPPED AT THE END WITH ALL CABLES REMOVED BACK TO NEAREST HANDHOLE OR BASE CAN.
        d. CONTRACTOR IS ADVISED THAT EXISTING ELECTRICAL CONDUIT INFRASTRUCTURE IS KNOWN TO CONTAIN ASBESTOS TRANSITE PIPE. ASBESTOS MATERIALS SHALL BE HANDLED AND DISPOSED OF IN ACCORDANCE WITH HAWAII DEPARTMENT OF HEALTH REGULATIONS. PAYMENT FOR THE HANDLING AND DISPOSAL OF ASBESTOS PIPING AND MATERIALS SHALL BE INCIDENTAL TO PRICE PAID FOR THE DEMOLITION OF EXISTING ELECTRICAL SYSTEMS.
    D. BASE CANS:
        a. REMOVE BASE CANS AND BACKFILL AS DETAILED ON THE DRAWINGS.

19. ALL ELECTRICAL MATERIALS AND COMPONENTS USED IN THIS PROJECT SHALL BE NEW UNLESS EXPLICITLY NOTED OTHERWISE.

20. RUNWAY GUARD LIGHT CIRCUITS, IF APPLICABLE, SHALL REMAIN ENERGIZED AT ALL TIMES WHEN CONTRACTOR IS PERFORMING WORK WITHIN THE MANHOLE OR HANDHOLE. LOCK OUT AND TAG OUT ALL OTHER CIRCUITS WITHIN MANHOLE, HANDHOLE LIGHT BASE CAN ETC. WHEN PERFORMING WORK WITHIN THE CONFINES OF THE STRUCTURE.

21. NEW AIRFIELD LIGHTING CABLE:
    A. CONTRACTOR SHALL PROVIDE 3' SLACK FOR EACH CIRCUIT AT EACH TRANSFORMER SO TRANSFORMER CAN BE EASILY PLACED ON THE PAVEMENT WHEN SERVICING TRANSFORMER.
    B. CONTRACTOR SHALL PROVIDE 12' SLACK FOR EACH CIRCUIT AT EACH HANDHOLE/MANHOLE.
    C. INSULATION RESISTANCE: FOR NEW CIRCUITS CONTRACTOR SHALL ENSURE A RESISTANCE OF 500 MEGAOHMS IS PROVIDED AS MEASURED IN THE VAULT FOR THE ENTIRE CIRCUIT PATH.
    D. CONTRACTOR SHALL PERFORM THESE INSULATION TESTS BEFORE FINAL ACCEPTANCE TESTING IS PERFORMED AND PROVIDE TEST RESULTS TO ENGINEER. RESISTANCE SHALL THEN BE MEASURED AGAIN AS PART OF FINAL ACCEPTANCE TESTING.
    E. COST FOR CABLE INSTALLATION SHALL BE BID SEPARATELY WITH THE APPROPRIATE BID ITEM IN 16108. COST FOR THE TRAINING IS INCIDENTAL TO THE PROJECT.

22. GROUND ROD:
    A. EACH NEW BASE (REGARDLESS OF WHERE INSTALLED) SHALL BE INSTALLED WITH A 1O' BY 3/4" DIAMETER GROUND ROD CONNECTED TO THE BASE CAN VIA A #6 GREEN GROUND WIRE CONNECTED TO THE EXTERNAL GROUND LUG OF THE BASE CAN.
    B. FURNISH ALL BASE CANS WITH EXTERNAL AND INTERNAL GROUND LUG.

23. TAXIWAY LIGHTS:
    A. TAXIWAY EDGE LIGHTS. CONTRACTOR SHALL FURNISH AND INSTALL NEW LED L-861T(L) LIGHTS WITH NEW TRANSFORMERS, BOLTS, WASHERS, SPLICES, BASE PLATE, FRANGIBLE COUPLING, POLE AND ALL ASSOCIATED APPURTENANCES.

24. RUNWAY LIGHTS:
    A. RUNWAY EDGE/THRESHOLD LIGHTS. CONTRACTOR SHALL FURNISH AND INSTALL NEW L-862/L-862E LIGHTS WITH NEW TRANSFORMERS, BOLTS, WASHERS, SPLICES, BASE PLATE, FRANGIBLE COUPLING, POLE AND ALL ASSOCIATED APPURTENANCES.
    B. RUNWAY IN-PAVEMENT EDGE LIGHTS. CONTRACTOR SHALL FURNISH AND INSTALL NEW L-850C EDGE LIGHTS WITH NEW TRANSFORMERS, BOLTS, WASHERS, SPLICES, AND ALL ASSOCIATED APPURTENANCES.

25. THE COST FOR REMOVING AND REINSTALLING ANY LIGHT FIXTURE OR COVER PLATE REQUIRED TO PULL NEW CABLE (INCLUDING NEW CIRCUIT TAG) SHALL BE INCIDENTAL TO THE PROJECT WITH NO SEPARATE PAYMENT.

26. BOLTS SHALL BE STAINLESS STEEL TAP BOLTS OF APPROPRIATE LENGTH TO PROVIDE FULL THREAD ENGAGEMENT.

27. LIGHT BASE CANS:
    A. CONTRACTOR SHALL OBTAIN THE SERVICES OF THE LIGHT BASE MFG. REPRESENTATIVE TO BE ON-SITE FOR A MINIMUM OF 3 DAYS DURING THE FIRST INSTALLATION OF THE BASE CANS TO PROVIDE TRAINING, INSPECTION, AND COMMISSIONING.
    B. SURVEY LOCATION OF NEW BASE CAN AND COORDINATE PLACEMENT AND SUBMIT LOCATIONS AS SHOP DRAWING.

28. TRANSFORMERS AND L-823 CONNECTORS.
    A. ALL NEW LIGHT FIXTURES SHALL BE SUPPLIED WITH NEW TRANSFORMER(S) PER MANUFACTURER RECOMMENDATIONS.
    B. NEW TRANSFORMERS SHALL BE FURNISHED WITH L-823 CONNECTORS.
    C. L-823 CONNECTORS SHALL BE AMERACE SUPER KITS OR APPROVED EQUAL. MANUFACTURER OF THE SPLICE KITS SHALL PROVIDE TRAINING FOR L-823 CONNECTORS ON-SITE. COST FOR TRAINING SHALL BE INCIDENTAL WITH NO SEPARATE PAYMENT. PROVIDE A MINIMUM OF 3 WEEKS NOTICE FOR TRAINING. ALL CONTRACTOR PERSONNEL WHO ARE TO PERFORM SPLICES SHALL BE TRAINED BY MANUFACTURER.

29. FINAL ACCEPTANCE TESTING:
    A. ALL WORK ASSOCIATED WITH FINAL ACCEPTANCE TESTING AND INSPECTION SHALL BE INCIDENTAL TO THE PROJECT WITH NO SEPARATE PAYMENT.
    B. CONTRACTOR SHALL TEST THE INSULATION RESISTANCE OF ALL CIRCUITS AT THE VAULT AND HANDHOLES AS REQUIRED.

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HAWAII, U. S. A.

2026.05.19

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Signature 04/30/2026 Lic. Exp. Date

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DSGN.	DRWN.	CHKD.	APPD.
RY	CAD	BJO	BJO

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20, PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

AIRFIELD LIGHTING EQUIPMENT NOTES

DATE :
08/10/2026

SHEET :
56 OF 74 SHEETS

DWG. NO.
E-003

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NOTES FOR TEMPORARY ELECTRICAL WORK:

1. ALL RUNWAY AND TAXIWAY LIGHTING, INCLUDING LIGHTED SIGNS, SHALL BE MAINTAINED UNLESS OTHERWISE APPROVED BY THE ENGINEER.

2. TEMPORARY CABLING MAY BE USED TO MAINTAIN CIRCUIT CONTINUITY, IN ACCORDANCE WITH SPECIFICATIONS. TEMPORARY CABLE INSTALLED ABOVE GROUND SHALL BE IN RIGID CONDUIT, FASTENED TO PAVEMENT AT MAXIMUM 1 Q' SPACING. SEE 4/E-502 FOR ADDITIONAL DETAILS. CABLE ACROSS SURFACES SHALL BE PLACED BEHIND BARRICADES USED TO CLOSE PORTIONS OF TAXIWAYS OR OTHER SURFACES.

3. TEMPORARY CABLE CONNECTIONS SHALL BE MADE AT LIGHT BASES OR HANDHOLES AS REQUIRED BY A PARTICULAR CONSTRUCTION PHASE OR SEQUENCE. THE PLAN FOR TEMPORARY CONNECTIONS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO INTERRUPTING A LIGHTING CIRCUIT OR POWER SERVICE. ALL CONNECTIONS FOR AIRFIELD LIGHTING CIRCUITS SHALL BE MADE WITH APPROPRIATE SIZE L-823 CONNECTORS.

4. CONTRACTOR SHALL CONFIGURE TEMPORARY MODIFICATIONS TO AIRFIELD LIGHTING CIRCUITS AND POWER FEEDERS AS REQUIRED BY HIS WORK AREA AND FOR MAINTAINING LIGHTING FOR ACTIVE SURFACES AND POWER TO FACILITIES.
   A. IDENTIFY THE CABLE FOR THE CIRCUIT TO BE MODIFIED IN A NEARBY LIGHT BASE, JUNCTION BOX, OR HANDHOLE.
   B. SUBMIT A SKETCH FOR EACH PROPOSED TEMPORARY MODIFICATION OR CIRCUIT RECONFIGURATION FOR ENGINEER APPROVAL PRIOR TO MODIFYING A CIRCUIT.
   C. TEST TO VERIFY THAT EACH TEMPORARY MODIFICATION IS AS INTENDED. CONTRACTOR SHALL CARRY WITH HIM APPROPRIATE CABLE, CONNECTORS, AND OTHER ITEMS NEEDED TO COMPLETE THE MODIFICATION AND TO MAKE ANY REPAIRS REQUIRED BY HIS ACTION.

5. IN TRANSITIONING FROM ONE AREA OF WORK TO THE NEXT, TEMPORARY CIRCUIT CONNECTIONS SHALL BE REMOVED IF NO LONGER REQUIRED, CIRCUITS SHALL BE RESTORED IN ACCORDANCE WITH REQUIREMENTS FOR THE NEXT PHASE OR FOR PERMANENT INSTALLATION, AS APPROPRIATE.

6. TEMPORARY ELECTRICAL WORK FOR MAINTAINING AIRFIELD LIGHTING CIRCUITS AND POWER SERVICE DURING CONSTRUCTION SHALL BE BID UNDER 16128 BID ITEM. CONTRACTOR SHALL DE-ENERGIZE LIGHTS TEMPORARILY BY DISCONNECTING THE TRANSFORMER ON THE PRIMARY SIDE AND PROVIDING TEMPORARY SPLICE CONNECTIONS TO ENSURE HOME-RUN CABLE CONTINUITY. CONTRACTOR SHALL NOT DE-ENERGIZE THE LIGHT BY DISCONNECTING THE FIXTURE ON THE SECONDARY SIDE WHILE THE PRIMARY IS CONNECTED.

7. THE CONTRACTOR SHALL BE READY TO PROVIDE TEMPORARY JUMPER CABLES NECESSARY TO RE-ENERGIZE THE AIRFIELD ELECTRICAL SYSTEM IN CASE OF COLLAPSED CONDUITS OR OTHER UNFORESEEN ISSUES THAT MAY PREVENT FULL RESTORATION OF THE AIRFIELD AT THE END OF THE SHIFT. TEMPORARY JUMPER CABLES SHALL BE INSTALLED WITHIN ABOVE GROUND CONDUITS AND ANCHORED FROM JET BLAST.

8. AT THE END OF EACH DAYLIGHT SHIFT, THE WORK AREA IN ACTIVE TRAVEL ROUTES SHALL BE RETURNED TO FULL OPERATIONAL CONDITIONS, INCLUDING RESTORING LIGHTING AND SIGNAGE TO ORIGINAL CONDITIONS. COORDINATE WITH ENGINEER AND OPERATIONS PERSONNEL TO VERIFY PROPER OPERATION OF AIRFIELD LIGHTING CIRCUITS AT THE END OF EACH SHIFT. FAILURE TO OPEN THE AIRFIELD ON TIME OR TO RETURN ALL RUNWAY AND TAXIWAY LIGHTING TO FULL OPERATIONAL CONDITION WILL RESULT IN LIQUIDATED DAMAGES.

9. IT IS RECOMMENDED THE CONTRACTOR STOP WORK AND ALLOW AT LEAST 30 MINUTES FOR ELECTRICAL TROUBLESHOOTING PRIOR TO THE REOPENING OF ACTIVE RUNWAYS/TAXIWAYS.

10. CONTRACTOR SHALL MAINTAIN ON HAND SUFFICIENT MATERIAL AND EQUIPMENT REQUIRED TO PROVIDE TEMPORARY LIGHTING AND CIRCUIT EXTENSIONS. MATERIAL AND EQUIPMENT SHALL INCLUDE, BUT NOT BE LIMITED TO, FIXTURES, TRANSFORMERS, BASES, CONDUIT, L-824 CABLE AND L-823 SPLICE KITS.

11. CONTRACTOR SHALL LABEL AND TAG TEMPORARY CABLE.

12. PROVIDE TEMPORARY POWER AND LIGHTING TO ENSURE CIRCUIT CONTINUITY AS SHOWN ON CIVIL CONSTRUCTION PHASING PLANS.

LOCATIONS OF UNDERGROUND UTILITIES:

1. THE LOCATIONS OF UNDERGROUND UTILITIES, CABLES, DUCTS, CONDUITS, ETC. AS INDICATED ON PLANS HAVE BEEN OBTAINED FROM EXISTING RECORDS AND ARE APPROXIMATE. NEITHER THE AIRPORT NOR THE ARCHITECT/ENGINEER ASSUMES ANY RESPONSIBILITY WHATEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION SHOWN. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIALS OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF HIS OPERATIONAL PLANS. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER. ANY SUCH MAINS AND/OR SERVICES DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED IMMEDIATELY AT HIS EXPENSE.

2. THE CONTRACTOR SHALL USE HAND EXCAVATION TO PROVIDE INVESTIGATIVE PITS TO IDENTIFY LOCATION OF EXISTING UTILITIES PRIOR TO ANY OTHER EXCAVATION ACTIVITIES.

3. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN EXCAVATING IN AREAS OF EXISTING UTILITIES. EXISTING UTILITIES SHALL BE LOCATED AND MARKED IN ADVANCE OF EXCAVATION IN ALL AREAS. ANY DAMAGE DONE TO KNOWN UTILITIES SHALL BE REPAIRED IMMEDIATELY BY THE CONTRACTOR AT HIS EXPENSE. THE LOCATION OF ANY UTILITIES SHOWN ON THE PLANS IS APPROXIMATE ONLY, AND DEPTHS MAY NOT BE KNOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING AND/OR REPAIRING ALL DAMAGE TO KNOWN UTILITIES AND AIRPORT PROPERTY.

4. DISTURBED AREAS OUTSIDE OF PAVEMENT AREAS SHALL BE RESTORED TO ORIGINAL SURFACE ELEVATIONS, RAKED SMOOTH AND HYDRO-SEEDED.

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Signature 04/30/2026 Lic. Exp. Date

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DSGN.	DRWN.	CHKD.	APPD.
RY	CAD	BJO	BJO

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20, PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

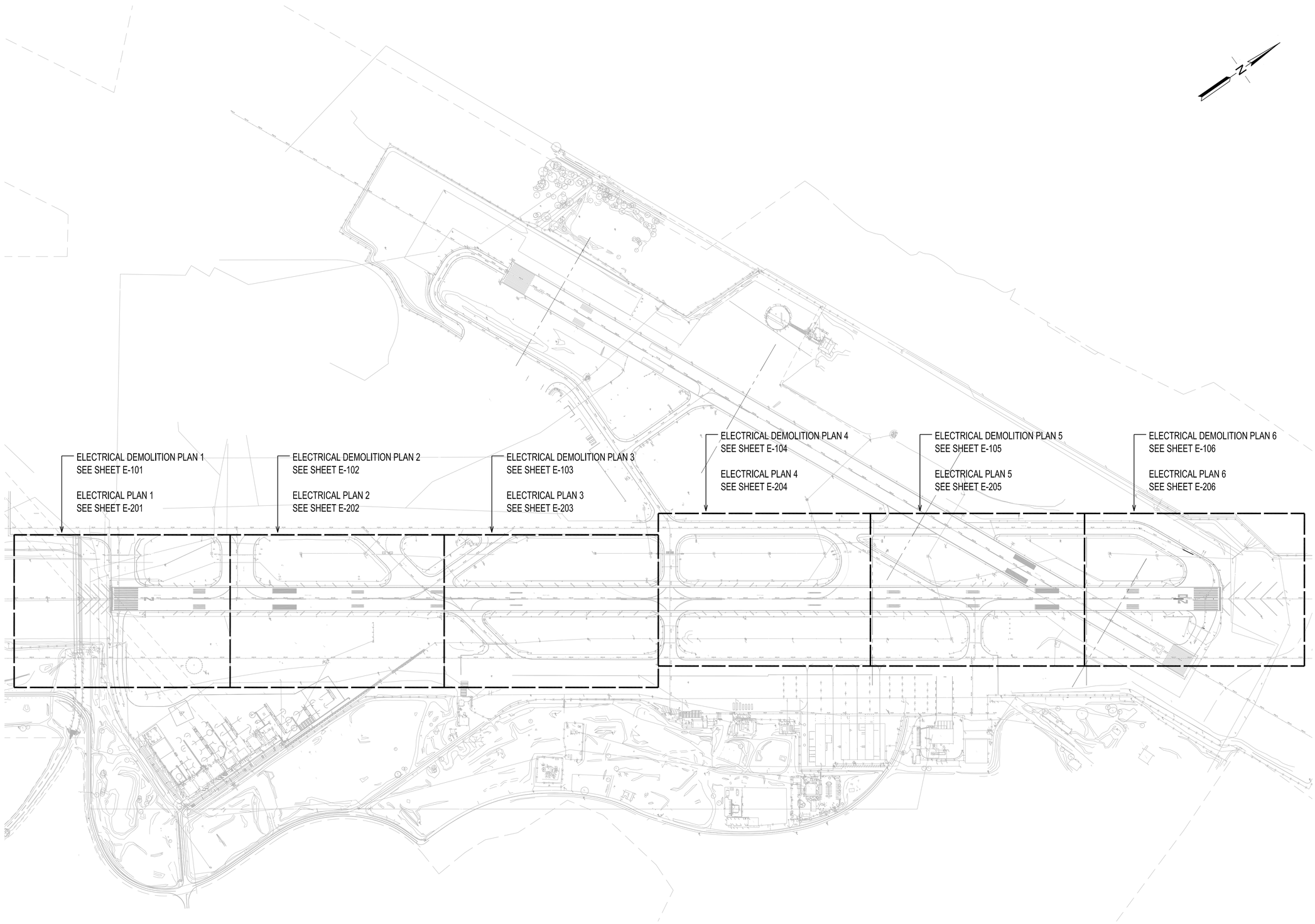
TEMPORARY ELECTRICAL NOTES

DATE :
08/10/2026

SHEET :
57 OF 74 SHEETS

DWG. NO.
E-004

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STATE OF HAWAII
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RESURFACE RUNWAY 2-20, PHASE 2

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KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

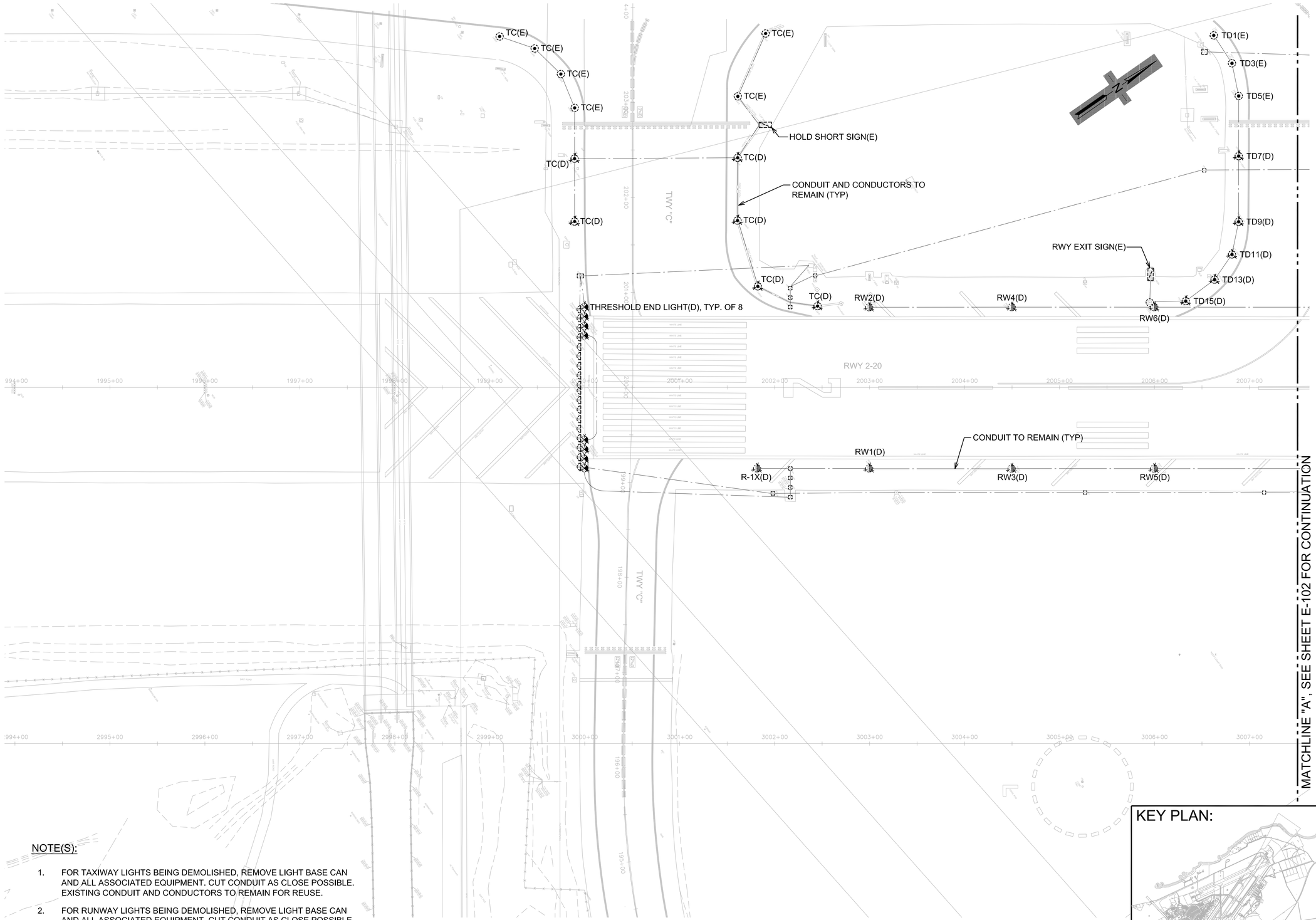
OVERALL ELECTRICAL SITE PLAN

DATE :
08/10/2026

SHEET :
58 OF 74 SHEETS

DWG. NO.
E-100

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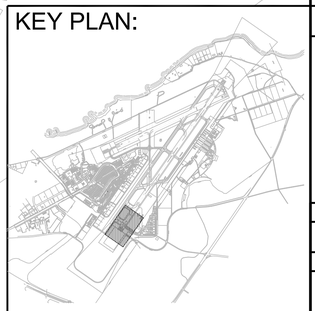


NOTE(S):

1. FOR TAXIWAY LIGHTS BEING DEMOLISHED, REMOVE LIGHT BASE CAN AND ALL ASSOCIATED EQUIPMENT. CUT CONDUIT AS CLOSE POSSIBLE. EXISTING CONDUIT AND CONDUCTORS TO REMAIN FOR REUSE.
2. FOR RUNWAY LIGHTS BEING DEMOLISHED, REMOVE LIGHT BASE CAN AND ALL ASSOCIATED EQUIPMENT. CUT CONDUIT AS CLOSE POSSIBLE. AND REMOVE CONDUCTORS. EXISTING CONDUIT TO REMAIN FOR REUSE.

50' 25' 0 50' 100' 150'
SCALE: 1"=50'

KEY PLAN:



STATE OF HAWAII
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04/30/2028

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KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

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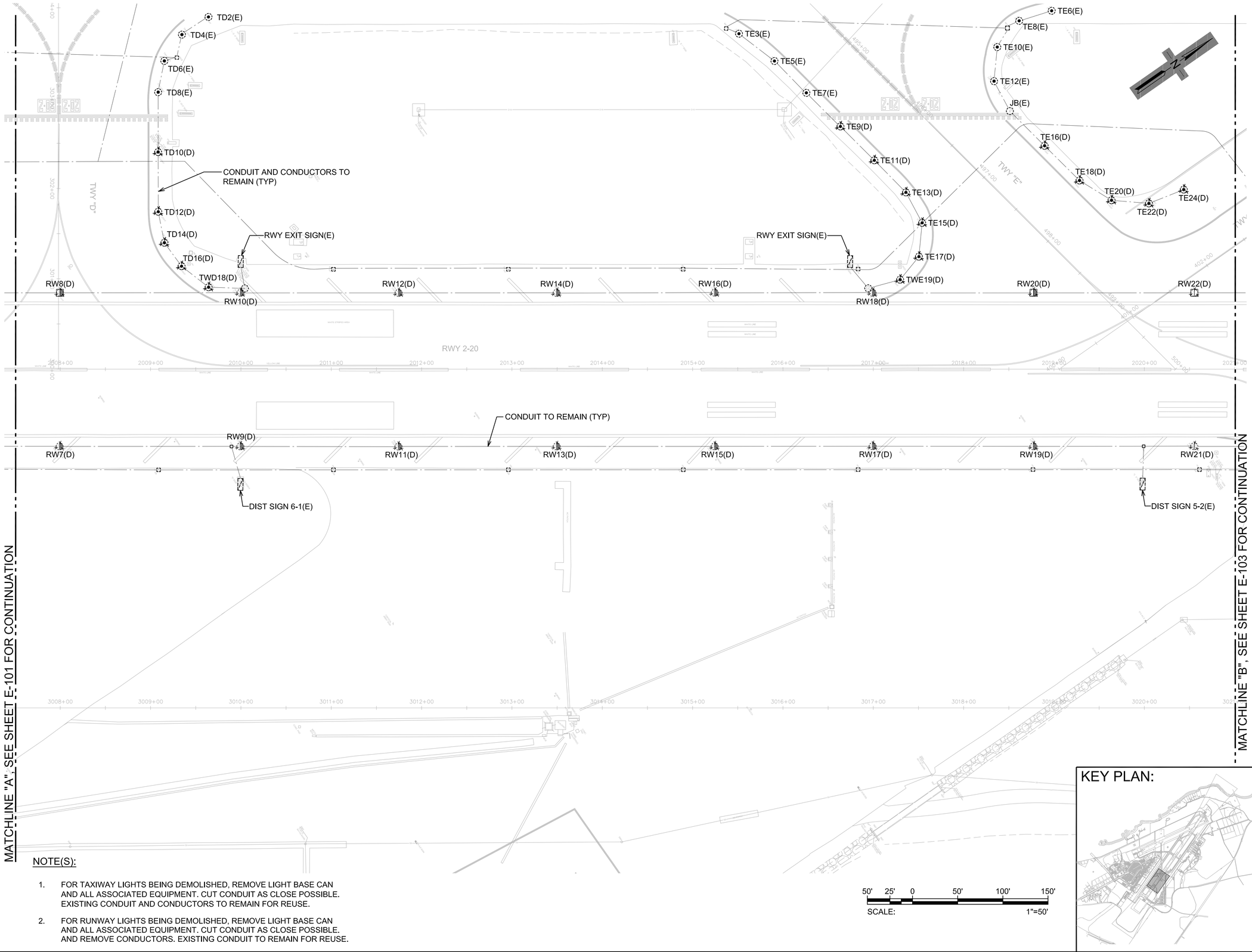
ELECTRICAL DEMOLITION PLAN 1

DATE :
08/10/2026

SHEET :
59 OF 74 SHEETS

DWG. NO.
E-101

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NOTE(S):

1. FOR TAXIWAY LIGHTS BEING DEMOLISHED, REMOVE LIGHT BASE CAN AND ALL ASSOCIATED EQUIPMENT. CUT CONDUIT AS CLOSE POSSIBLE. EXISTING CONDUIT AND CONDUCTORS TO REMAIN FOR REUSE.
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KEY PLAN:

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RY	CAD	BJO	BJO

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AUGUST 10, 2026
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RESURFACE RUNWAY 2-20, PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

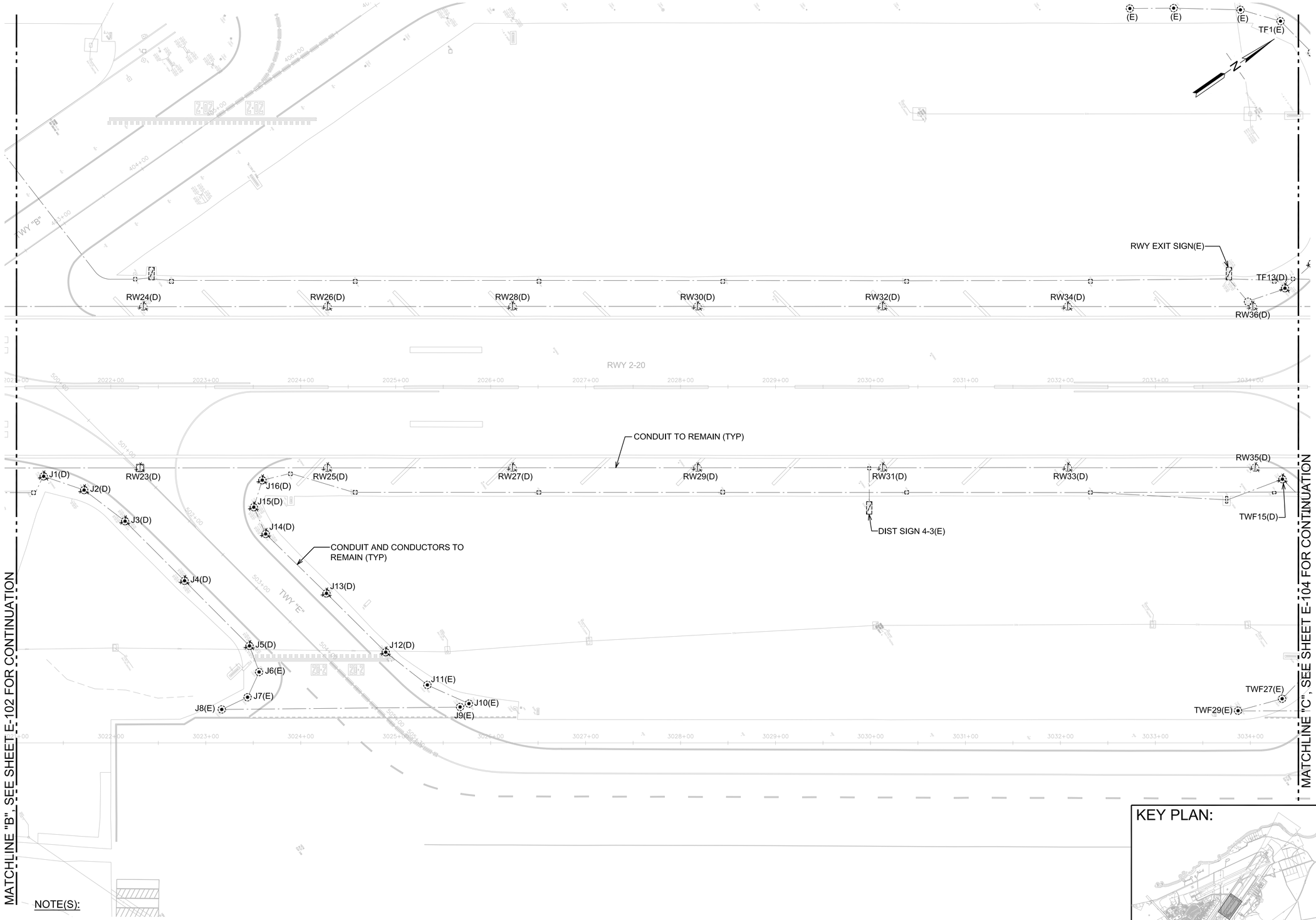
ELECTRICAL DEMOLITION PLAN 2

DATE :
08/10/2026

SHEET :
60 OF 74 SHEETS

DWG. NO.
E-102

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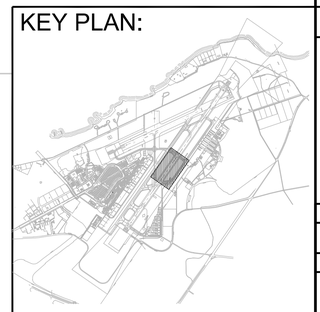


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AUGUST 10, 2026
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KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

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SHEET TITLE:

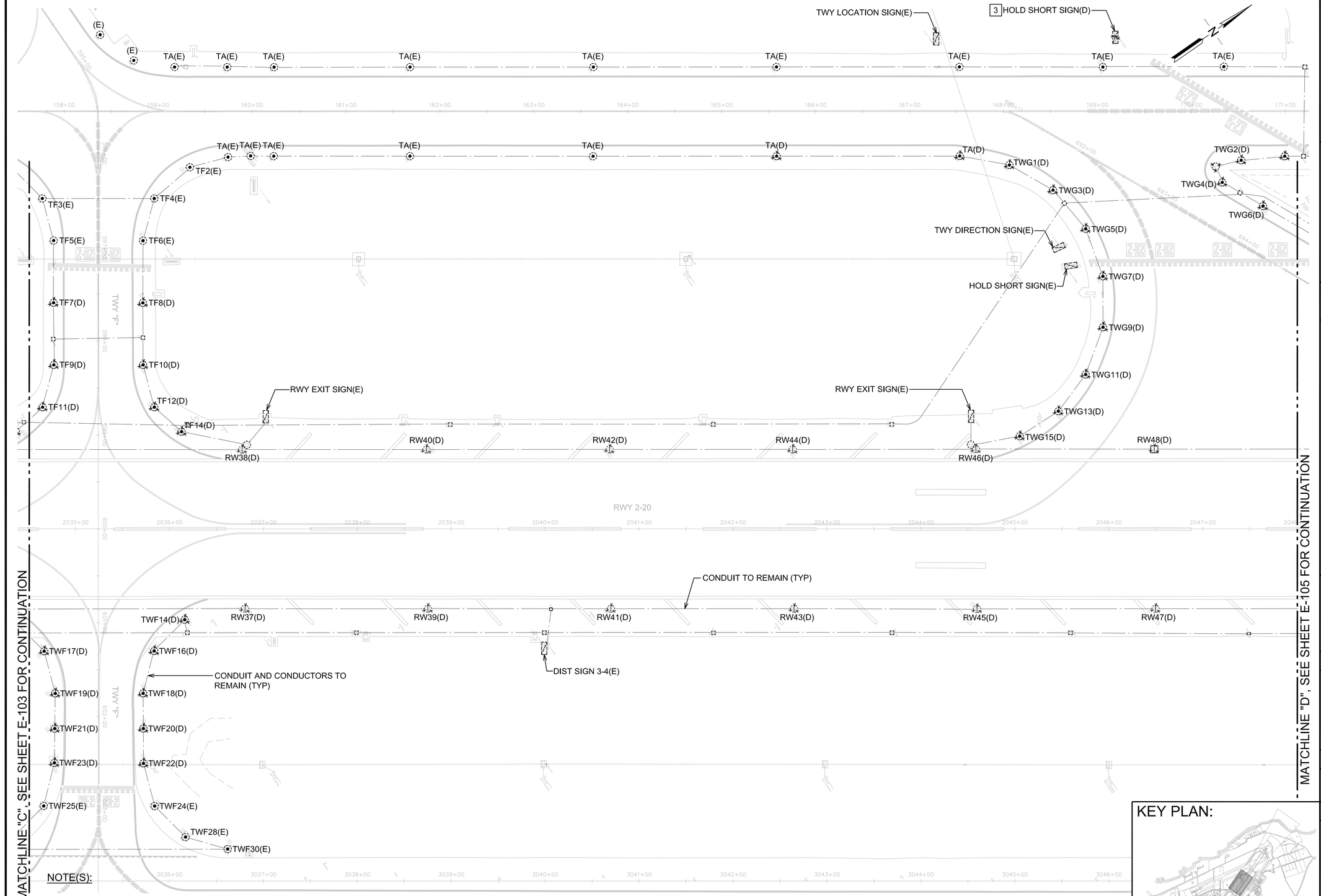
ELECTRICAL DEMOLITION PLAN 3

DATE :
08/10/2026

SHEET :
61 OF 74 SHEETS

DWG. NO.
E-103

Z:\ACAD\PROJECTS\225078\061_E-103_225078_RUNWAY 220_DEMO PLAN 03.DWG



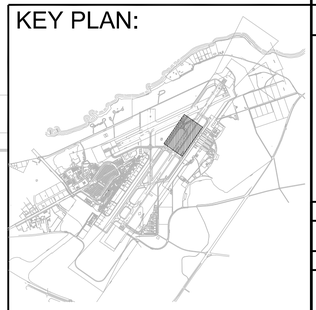
NOTE(S):

1. FOR TAXIWAY LIGHTS BEING DEMOLISHED, REMOVE LIGHT BASE CAN AND ALL ASSOCIATED EQUIPMENT. CUT CONDUIT AS CLOSE POSSIBLE. EXISTING CONDUIT AND CONDUCTORS TO REMAIN FOR REUSE.
2. FOR RUNWAY LIGHTS BEING DEMOLISHED, REMOVE LIGHT BASE CAN AND ALL ASSOCIATED EQUIPMENT. CUT CONDUIT AS CLOSE POSSIBLE. AND REMOVE CONDUCTORS. EXISTING CONDUIT TO REMAIN FOR REUSE.

[3] SALVAGE EXISTING SIGN FOR RELOCATION. DEMOLISH CONCRETE FOUNDATION AND FEEDERS.

50' 25' 0 50' 100' 150'
SCALE: 1"=50'

KEY PLAN:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BILLY J. ORNELLAS
LICENSED PROFESSIONAL ENGINEER
No. 11658-E
HAWAII, U. S. A.
2026.05.27

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.")

04/30/2028

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

DSGN.	DRWN.	CHKD.	APPD.
RY	CAD	BJO	BJO

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20, PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

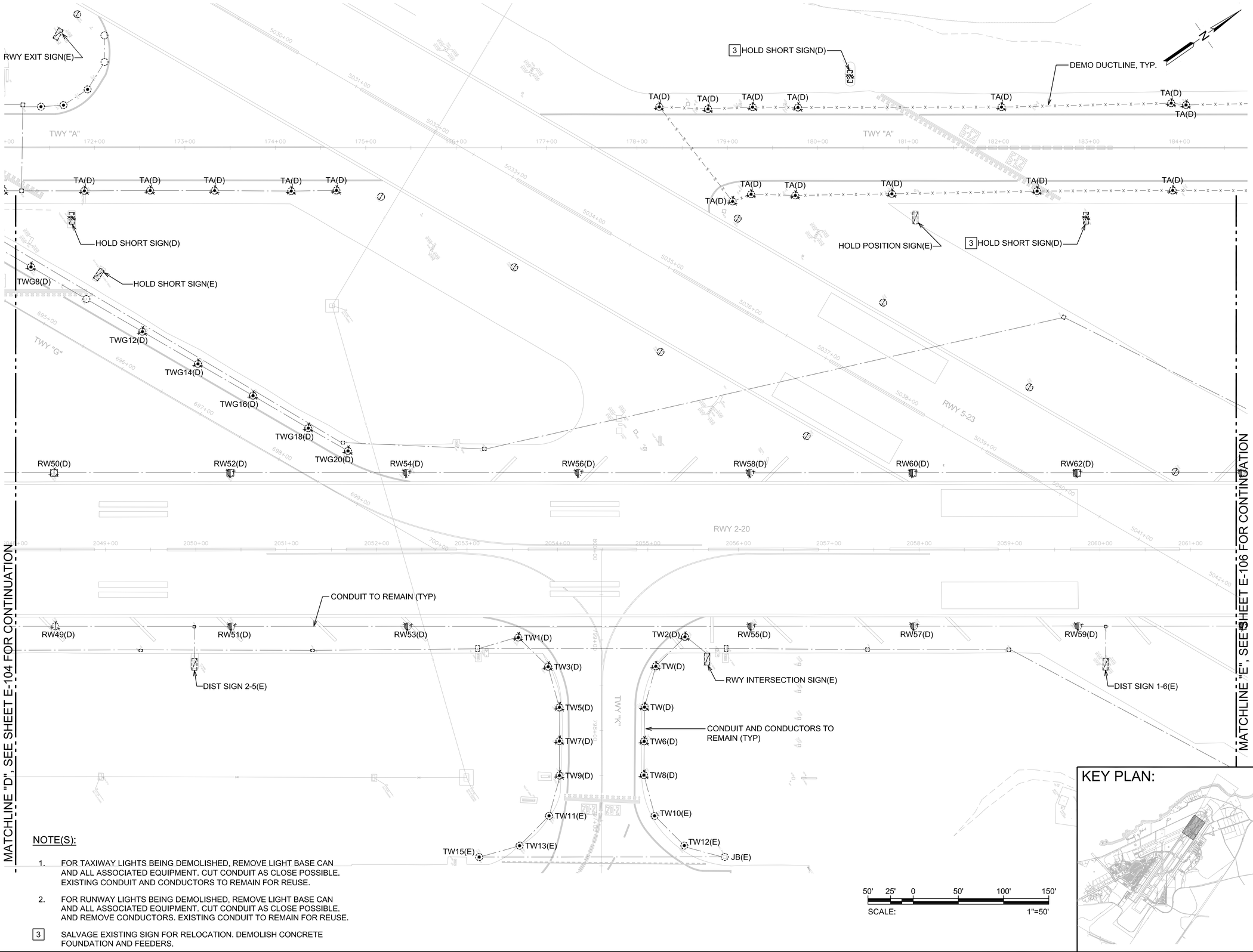
ELECTRICAL DEMOLITION PLAN 4

DATE :
08/10/2026

SHEET :
62 OF 74 SHEETS

DWG. NO.
E-104

Z:\ACAD\PROJECTS\225978\062_E-104_225978_RUNWAY 220_DEMO PLAN 04.DWG



NOTE(S):

1. FOR TAXIWAY LIGHTS BEING DEMOLISHED, REMOVE LIGHT BASE CAN AND ALL ASSOCIATED EQUIPMENT. CUT CONDUIT AS CLOSE POSSIBLE. EXISTING CONDUIT AND CONDUCTORS TO REMAIN FOR REUSE.
2. FOR RUNWAY LIGHTS BEING DEMOLISHED, REMOVE LIGHT BASE CAN AND ALL ASSOCIATED EQUIPMENT. CUT CONDUIT AS CLOSE POSSIBLE. AND REMOVE CONDUCTORS. EXISTING CONDUIT TO REMAIN FOR REUSE.

[3] SALVAGE EXISTING SIGN FOR RELOCATION. DEMOLISH CONCRETE FOUNDATION AND FEEDERS.

50' 25' 0 50' 100' 150'
SCALE: 1"=50'

KEY PLAN:

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BILLY J. ORNELLAS
LICENSED PROFESSIONAL ENGINEER
No. 11658-E
HAWAII, U. S. A.
2026.05.27

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04/30/2028

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

DSGN.	DRWN.	CHKD.	APPD.
RY	CAD	BJO	BJO

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20, PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

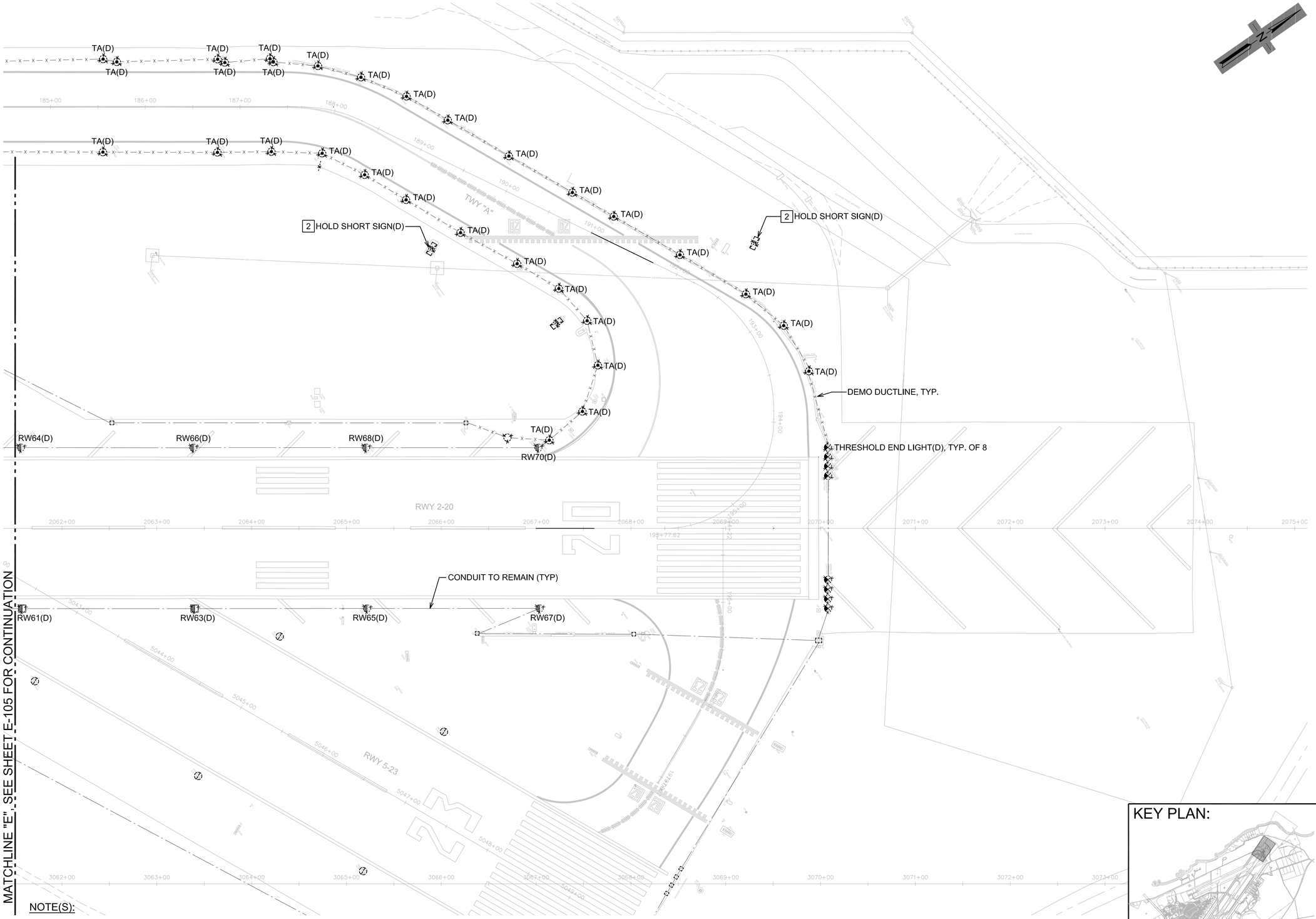
ELECTRICAL DEMOLITION PLAN 5

DATE :
08/10/2026

SHEET :
63 OF 74 SHEETS

DWG. NO.
E-105

Z:\ACAD\PROJECTS\225078\003_E-105_225078_RUNWAY 220_DEMO PLAN 05.DWG



NOTE(S):

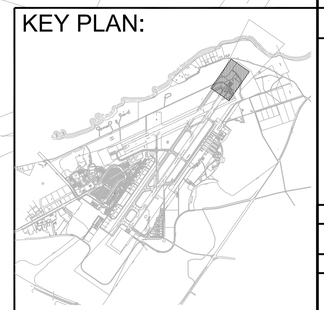
1. FOR RUNWAY LIGHTS BEING DEMOLISHED, REMOVE LIGHT BASE CAN AND ALL ASSOCIATED EQUIPMENT. CUT CONDUIT AS CLOSE POSSIBLE. AND REMOVE CONDUCTORS. EXISTING CONDUIT TO REMAIN FOR REUSE.

2 SALVAGE EXISTING SIGN FOR RELOCATION. DEMOLISH CONCRETE FOUNDATION AND FEEDERS.

50' 25' 0 50' 100' 150'

SCALE: 1"=50'

KEY PLAN:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BILLY J. ORNELLAS
LICENSED PROFESSIONAL ENGINEER
No. 11658-E
HAWAII, U. S. A.

2026.05.19

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04/30/2028

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

DSGN.	DRWN.	CHKD.	APPD.
RY	CAD	BJO	BJO

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20, PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

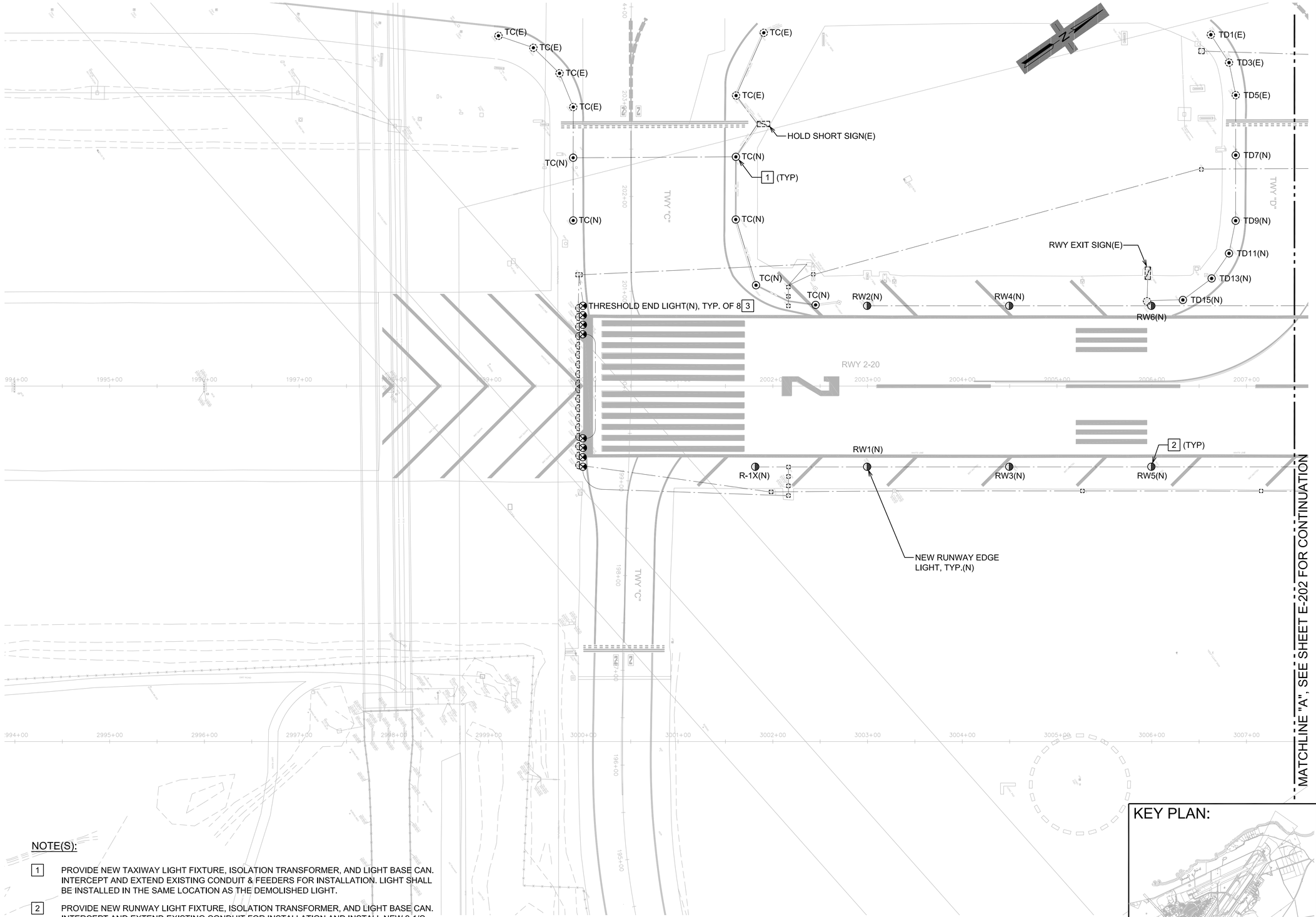
ELECTRICAL DEMOLITION PLAN 6

DATE :
08/10/2026

SHEET :
64 OF 74 SHEETS

DWG. NO.
E-106

Z:\ACAD\PROJECTS\225078\064_E-106_225078_RUNWAY 220_DEMO PLAN 06.DWG



NOTE(S):

1. PROVIDE NEW TAXIWAY LIGHT FIXTURE, ISOLATION TRANSFORMER, AND LIGHT BASE CAN. INTERCEPT AND EXTEND EXISTING CONDUIT & FEEDERS FOR INSTALLATION. LIGHT SHALL BE INSTALLED IN THE SAME LOCATION AS THE DEMOLISHED LIGHT.
2. PROVIDE NEW RUNWAY LIGHT FIXTURE, ISOLATION TRANSFORMER, AND LIGHT BASE CAN. INTERCEPT AND EXTEND EXISTING CONDUIT FOR INSTALLATION AND INSTALL NEW 2-1/C, #8, 5KV, L-824 CABLES. SEE SHEET E-304 FOR EXACT LOCATION.
3. PROVIDE NEW THRESHOLD END LIGHT FIXTURE, ISOLATION TRANSFORMER, AND LIGHT BASE CAN. INTERCEPT AND EXTEND EXISTING CONDUIT FOR INSTALLATION AND INSTALL NEW 2-1/C, #8, 5KV, L-824 CABLES. LIGHT SHALL BE INSTALLED IN THE SAME LOCATION AS THE DEMOLISHED LIGHT.

50' 25' 0 50' 100' 150'
SCALE: 1"=50'

KEY PLAN:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BILLY J. ORNELLAS
LICENSED PROFESSIONAL ENGINEER
No. 11658-E
HAWAII, U. S. A.

2026.05.19

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04/30/2028

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

DSGN.	DRWN.	CHKD.	APPD.
RY	CAD	BJO	BJO

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20, PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

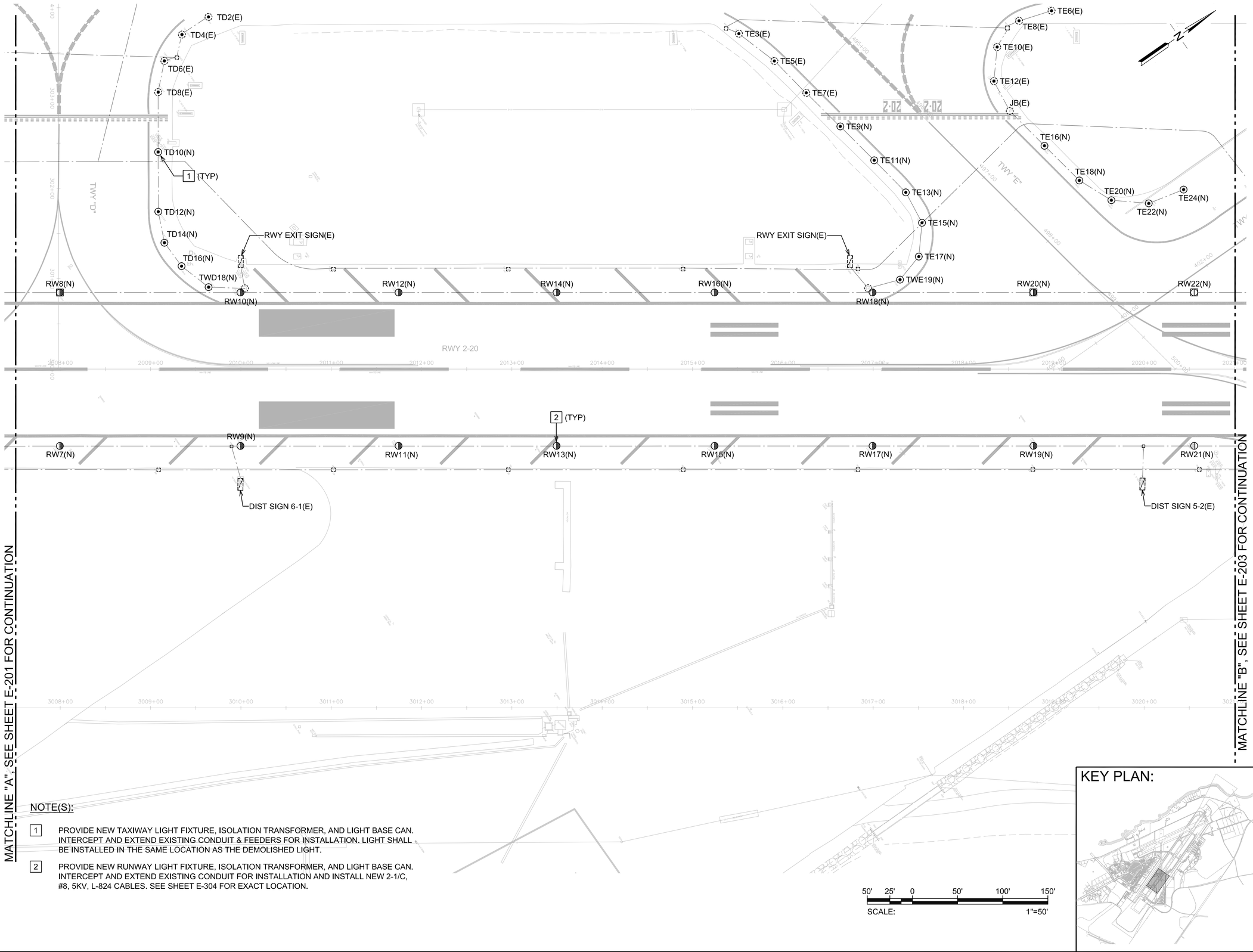
SHEET TITLE:

ELECTRICAL PLAN 1

DATE :
08/10/2026
SHEET :
65 OF 74 SHEETS

DWG. NO.
E-201

Z:\ACAD\PROJECTS\225078\085_E-201_225078_RUNWAY 2(0)_PLAN 01.DWG



NOTE(S):

1. PROVIDE NEW TAXIWAY LIGHT FIXTURE, ISOLATION TRANSFORMER, AND LIGHT BASE CAN. INTERCEPT AND EXTEND EXISTING CONDUIT & FEEDERS FOR INSTALLATION. LIGHT SHALL BE INSTALLED IN THE SAME LOCATION AS THE DEMOLISHED LIGHT.
2. PROVIDE NEW RUNWAY LIGHT FIXTURE, ISOLATION TRANSFORMER, AND LIGHT BASE CAN. INTERCEPT AND EXTEND EXISTING CONDUIT FOR INSTALLATION AND INSTALL NEW 2-1/C, #8, 5KV, L-824 CABLES. SEE SHEET E-304 FOR EXACT LOCATION.

50' 25' 0 50' 100' 150'
SCALE: 1"=50'

KEY PLAN:

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BILLY J. ORNELLAS
LICENSED PROFESSIONAL ENGINEER
No. 11658-E
HAWAII, U. S. A.

2026.05.27

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04/30/2028

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

DSGN.	DRWN.	CHKD.	APPD.
RY	CAD	BJO	BJO

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20, PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

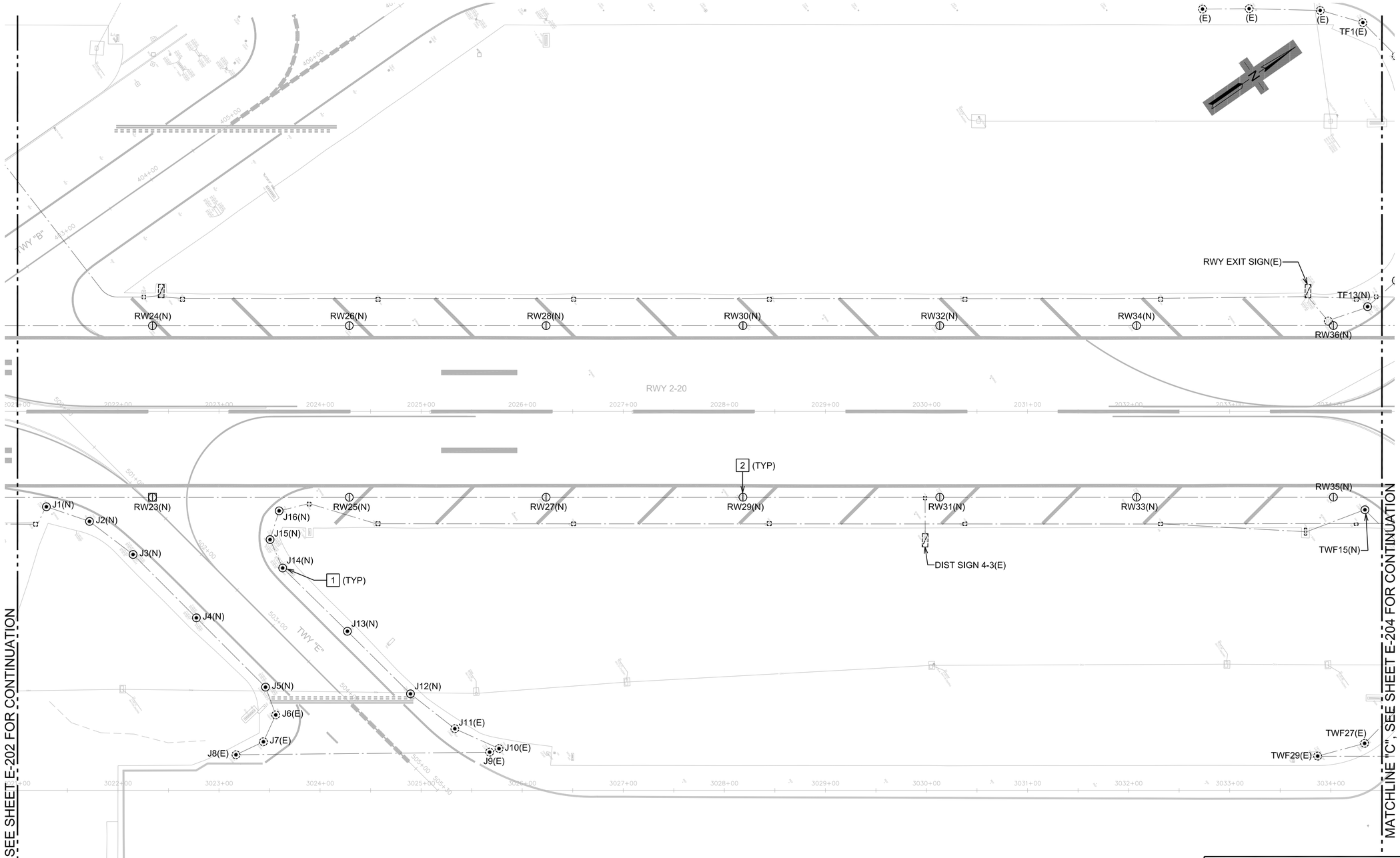
ELECTRICAL PLAN 2

DATE :
08/10/2026

SHEET :
66 OF 74 SHEETS

DWG. NO.
E-202

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NOTE(S):

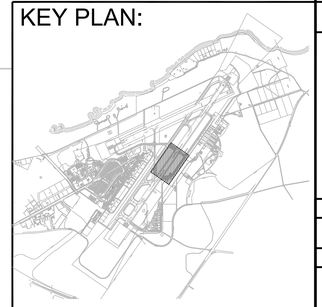
1 PROVIDE NEW TAXIWAY LIGHT FIXTURE, ISOLATION TRANSFORMER, AND LIGHT BASE CAN. INTERCEPT AND EXTEND EXISTING CONDUIT & FEEDERS FOR INSTALLATION. LIGHT SHALL BE INSTALLED IN THE SAME LOCATION AS THE DEMOLISHED LIGHT.

2 PROVIDE NEW RUNWAY LIGHT FIXTURE, ISOLATION TRANSFORMER, AND LIGHT BASE CAN. INTERCEPT AND EXTEND EXISTING CONDUIT FOR INSTALLATION AND INSTALL NEW 2-1/C, #8, 5KV, L-824 CABLES. SEE SHEET E-304 FOR EXACT LOCATION.

50' 25' 0 50' 100' 150'

SCALE: 1"=50'

KEY PLAN:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BILLY J. ORNELLAS
LICENSED PROFESSIONAL ENGINEER
No. 11658-E
HAWAII, U. S. A.

2026.05.19

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04/30/2028

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

DSGN.	DRWN.	CHKD.	APPD.
RY	CAD	BJO	BJO

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20, PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

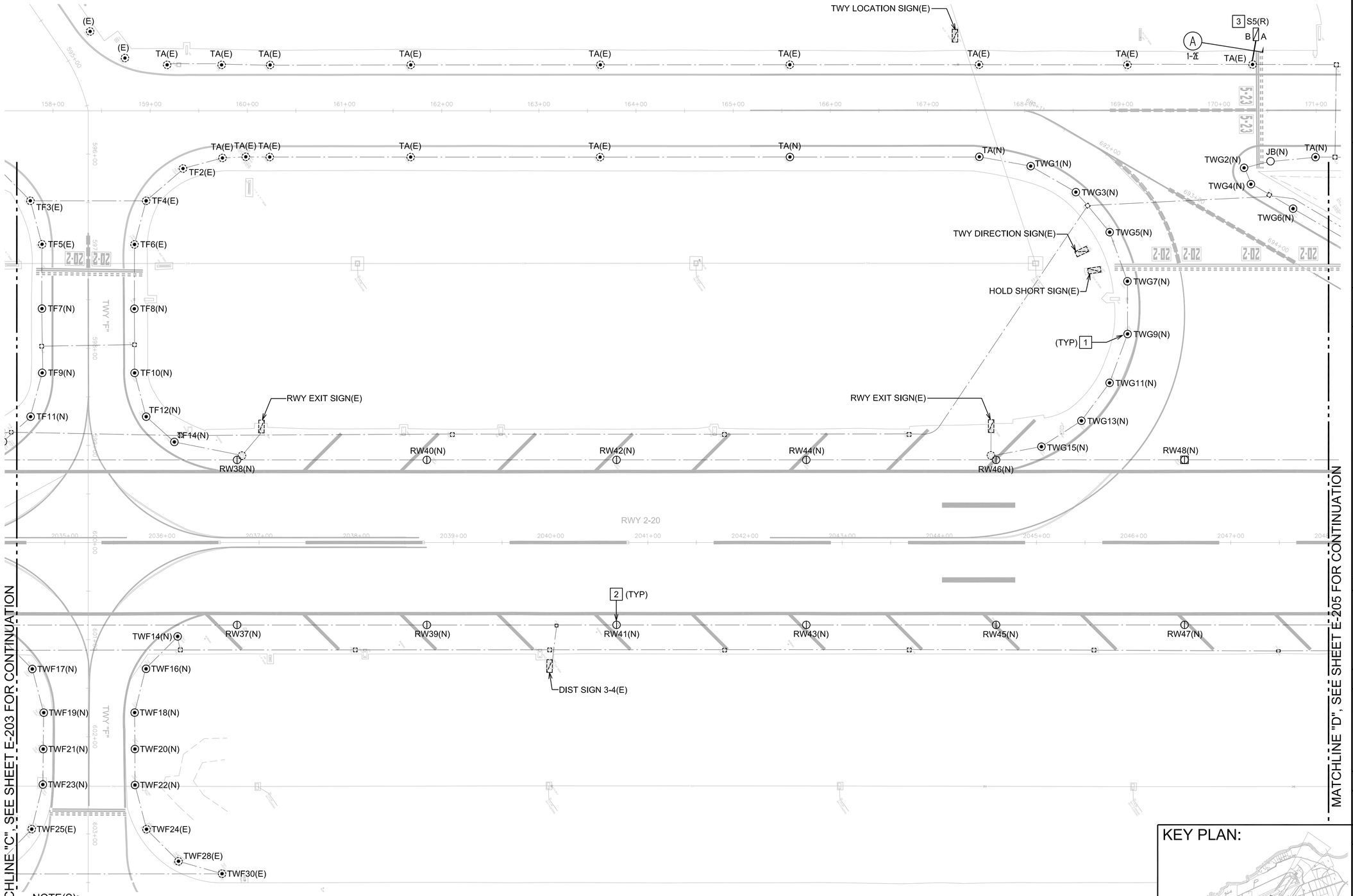
ELECTRICAL PLAN 3

DATE :
08/10/2026

SHEET :
67 OF 74 SHEETS

DWG. NO.
E-203

Z:\ACAD\PROJECTS\225978\067_E-203_225078_RUNWAY 220_PLAN 03.DWG

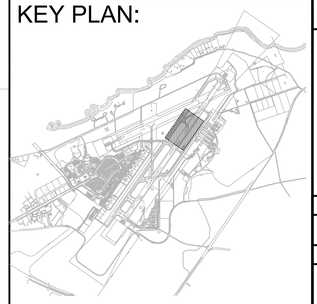


NOTE(S):

1. PROVIDE NEW TAXIWAY LIGHT FIXTURE, ISOLATION TRANSFORMER, AND LIGHT BASE CAN. INTERCEPT AND EXTEND EXISTING CONDUIT & FEEDERS FOR INSTALLATION. LIGHT SHALL BE INSTALLED IN THE SAME LOCATION AS THE DEMOLISHED LIGHT.
2. PROVIDE NEW RUNWAY LIGHT FIXTURE, ISOLATION TRANSFORMER, AND LIGHT BASE CAN. INTERCEPT AND EXTEND EXISTING CONDUIT FOR INSTALLATION AND INSTALL NEW 2-1/C, #8, 5KV, L-824 CABLES. SEE SHEET E-304 FOR EXACT LOCATION.
3. RELOCATED SIGN, PROVIDE NEW FOUNDATION, CONDUIT, AND WIRING. SEE SHEET E-304 FOR EXACT LOCATION.

SCALE: 1"=50'

KEY PLAN:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BILLY J. ORNELLAS
LICENSED PROFESSIONAL ENGINEER
No. 11658-E
HAWAII, U. S. A.

2026.05.19

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04/30/2028

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

DSGN.	DRWN.	CHKD.	APPD.
RY	CAD	BJO	BJO

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20, PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

ELECTRICAL PLAN 4

DATE :	DWG. NO.
08/10/2026	E-204
SHEET :	
68 OF 74 SHEETS	

Z:\ACAD\PROJECTS\225978\968_E-204_225978_RUNWAY 220_PLAN 04.DWG

RWY EXIT SIGN(E)

TWY "A"

TA(N) TA(N) TA(N) TA(N) TA(N)

1 (TYP)

TWG8(N)

HOLD SHORT SIGN(E)

TWY "G"

TWG12(N)

TWG14(N)

TWG16(N)

TWG18(N)

TWG20(N)

RW50(N) RW52(N) RW54(N) RW56(N) RW58(N) RW60(N) RW62(N)

RWY 5-23

RWY 2-20

2 (TYP)

RW49(N) RW51(N) RW53(N) RW55(N) RW57(N) RW59(N) RW61(N)

DIST SIGN 2-5(E)

DIST SIGN 1-6(E)

TW1(N) TW3(N) TW5(N) TW7(N) TW9(N) TW11(E) TW13(E) TW15(E)

TW2(N) TW(N) TW(N) TW6(N) TW8(N) TW10(E) TW12(E) JB(E)

TWY "K"

RWY INTERSECTION SIGN(E)

4 TWA36(N) 4 TWA34(N) 4 TWA32(N) 3 S4(R) B A 4 TWA30(N) 4 TWA28(N)

4 TWA39(N) 4 TWA41(N) 4 TWA37(N) 4 TWA35(N) 4 TWA33(N)

HOLD POSITION SIGN(E)

3 S3(R) B A

A 5 (TYP) 1-2E

MATCHLINE "D", SEE SHEET E-204 FOR CONTINUATION

MATCHLINE "E", SEE SHEET E-206 FOR CONTINUATION

NOTE(S):

1. PROVIDE NEW TAXIWAY LIGHT FIXTURE, ISOLATION TRANSFORMER, AND LIGHT BASE CAN. INTERCEPT AND EXTEND EXISTING CONDUIT & FEEDERS FOR INSTALLATION. LIGHT SHALL BE INSTALLED IN THE SAME LOCATION AS THE DEMOLISHED LIGHT.
2. PROVIDE NEW RUNWAY LIGHT FIXTURE, ISOLATION TRANSFORMER, AND LIGHT BASE CAN. INTERCEPT AND EXTEND EXISTING CONDUIT FOR INSTALLATION AND INSTALL NEW 2-1/C, #8, 5KV, L-824 CABLES. SEE SHEET E-304 FOR EXACT LOCATION.
3. RELOCATED SIGN, PROVIDE NEW FOUNDATION, CONDUIT, AND WIRING. SEE SHEET E-304 FOR EXACT LOCATION.
4. PROVIDE NEW TAXIWAY LIGHT FIXTURE, ISOLATION TRANSFORMER, LIGHT BASE CAN, CONDUIT, AND WIRING. SEE SHEET E-304 FOR EXACT LOCATION.
5. NEW 2"C, 2-1/C, #8, 5KV, L-824 CABLES.

50' 25' 0 50' 100' 150'

SCALE: 1"=50'

KEY PLAN:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BILLY J. ORNELLAS
LICENSED PROFESSIONAL ENGINEER
No. 11658-E
HAWAII, U. S. A.

2026.05.27

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04/30/2028

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

DSGN.	DRWN.	CHKD.	APPD.
RY	CAD	BJO	BJO

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20, PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

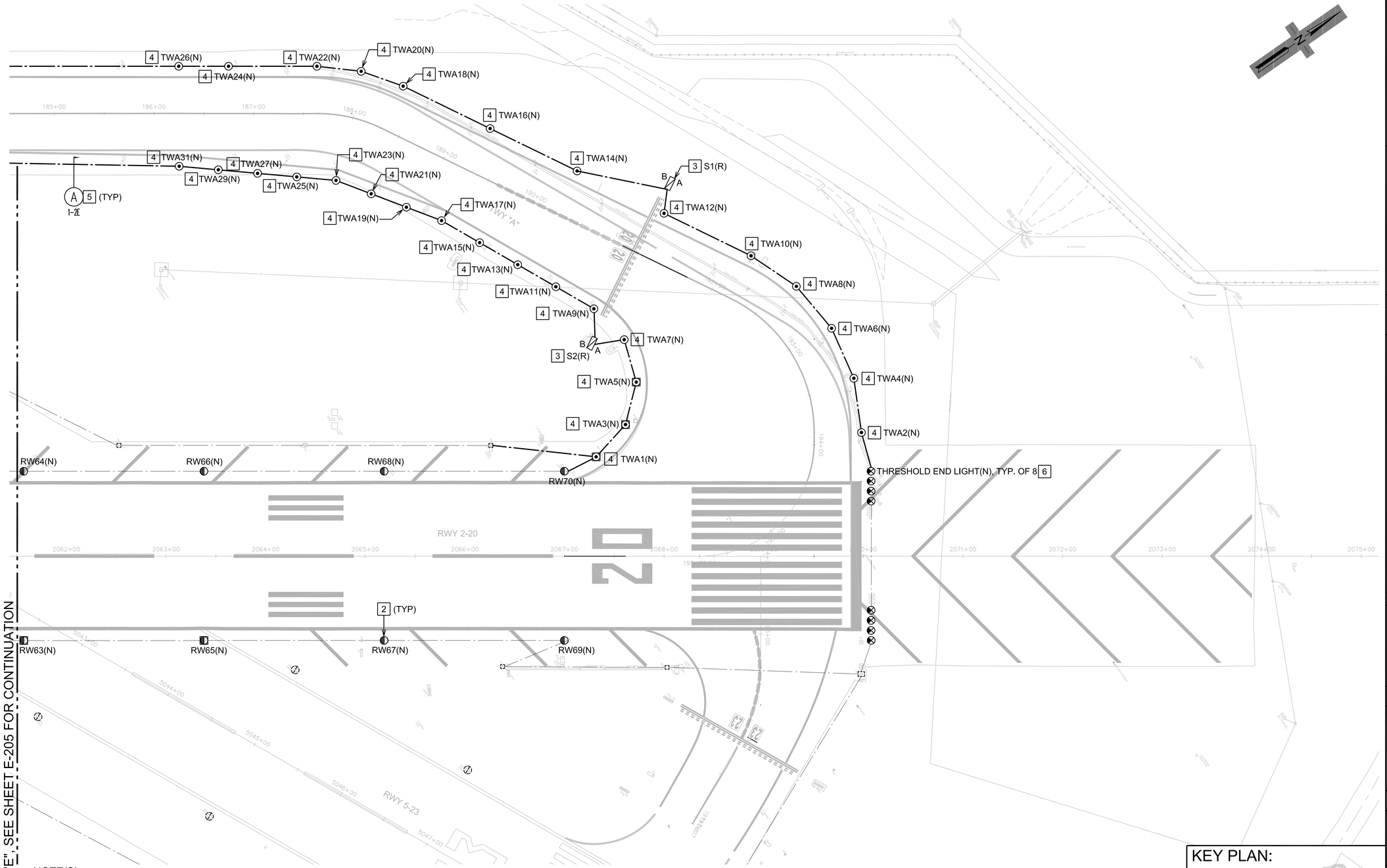
ELECTRICAL PLAN 5

DATE :
08/10/2026

SHEET :
69 OF 74 SHEETS

DWG. NO.
E-205

Z:\ACAD\PROJECTS\22507\069_E-205_22507S_RUNWAY 2-20_PLAN 05.DWG



NOTE(S):

1. PROVIDE NEW TAXIWAY LIGHT FIXTURE, ISOLATION TRANSFORMER, AND LIGHT BASE CAN. INTERCEPT AND EXTEND EXISTING CONDUIT & FEEDERS FOR INSTALLATION. LIGHT SHALL BE INSTALLED IN THE SAME LOCATION AS THE DEMOLISHED LIGHT.
2. PROVIDE NEW RUNWAY LIGHT FIXTURE, ISOLATION TRANSFORMER, AND LIGHT BASE CAN. INTERCEPT AND EXTEND EXISTING CONDUIT FOR INSTALLATION AND INSTALL NEW 2-1/C, #8, 5KV, L-824 CABLES. SEE SHEET E-304 FOR EXACT LOCATION.
3. RELOCATED SIGN, PROVIDE NEW FOUNDATION, CONDUIT, AND WIRING. SEE SHEET E-304 FOR EXACT LOCATION.
4. PROVIDE NEW TAXIWAY LIGHT FIXTURE, ISOLATION TRANSFORMER, LIGHT BASE CAN, CONDUIT, AND WIRING. SEE SHEET E-304 FOR EXACT LOCATION.
5. NEW 2"C, 2-1/C, #8, 5KV, L-824 CABLES.
6. PROVIDE NEW THRESHOLD END LIGHT FIXTURE, ISOLATION TRANSFORMER, AND LIGHT BASE CAN. INTERCEPT AND EXTEND EXISTING CONDUIT FOR INSTALLATION AND INSTALL NEW 2-1/C, #8, 5KV, L-824 CABLES. LIGHT SHALL BE INSTALLED IN THE SAME LOCATION AS THE DEMOLISHED LIGHT.

50' 25' 0 50' 100' 150'
SCALE: 1"=50'

KEY PLAN:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BILLY J. ORNELLAS
LICENSED PROFESSIONAL ENGINEER
No. 11658-E
HAWAII, U.S.A.

2026.05.19

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04/30/2028

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

DSGN.	DRWN.	CHKD.	APPD.
RY	CAD	BJO	BJO

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20, PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

ELECTRICAL PLAN 6

DATE :
08/10/2026

SHEET :
70 OF 74 SHEETS

DWG. NO.
E-206

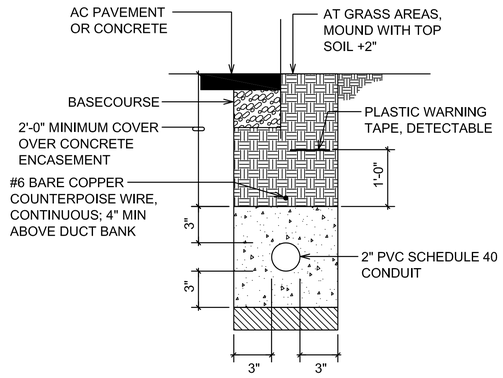
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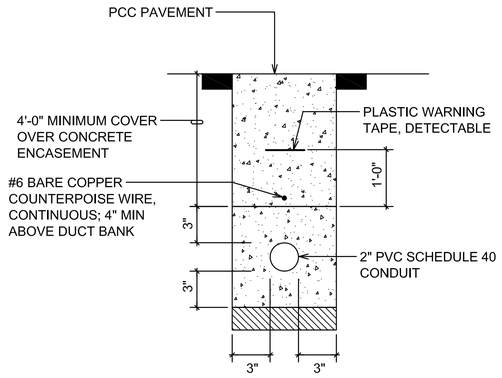
DUCT SECTION BACKFILL NOTES:

TYPE "A" BACKFILL - EARTH & GRAVEL. ROCK SIZE TO BE 1" MAX. & THE MIXTURE TO CONTAIN NOT MORE THAN 50% BY VOLUME OF ROCK PARTICLES. 95% COMPACTION.

TYPE "B" BACKFILL - EARTH & GRAVEL. MIXTURE MUST PASS A 1/2" MESH SCREEN & CONTAIN NOT MORE THAN 20% BY VOLUME OF ROCK PARTICLES. 95% COMPACTION.
NOTE - IF NORMAL MATERIAL AT BOTTOM OF TRENCH IS NOT TYPE "B", AN ADDITIONAL 3" SHALL BE EXCAVATED & TYPE "B" BACKFILL PROVIDED.

CONCRETE - 3" ENCASEMENT, 4000 psi COMPRESSIVE STRENGTH @ 28 DAYS.





SECTION (A)

NOTE: SEE CIVIL DRAWINGS FOR SURFACE RESTORATION DETAILS.

1 E-301 DUCT SECTION DETAILS
NOT TO SCALE

NOTES:

1. PROVIDE L-823 COMPLETE KIT CONNECTOR KIT TYPE AND STYLE OR APPROVED EQUAL.
2. RUBBER TYPE SHALL BE SCOTCH 130C OR APPROVED EQUAL.
3. VINYL TAPE SHALL BE SCOTCH SUPER 88 OR APPROVED EQUAL.
4. PROPERLY MATCH THE INSIDE DIAMETER OF CONNECTOR TO THE OUTSIDE DIAMETER OF THE CABLE.
5. CONNECTION OF CONDUCTORS MUST BE MADE USING CRIMP CONNECTORS AND A CRIMPING TOOL APPROVED BY THE CONNECTOR/LUG MANUFACTURER. THE TOOL MUST PRODUCE A COMPLETE CRIMP BEFORE IT CAN BE REMOVED. THE CRIMPING TOOL USED MUST BE LISTED BY THE L-823 KIT MANUFACTURER. MAKE THE NUMBER AND TYPE OF CRIMPS PER THE KIT MANUFACTURER'S INSTRUCTIONS.

2 E-301 TYPICAL SPLICE DETAIL
NOT TO SCALE

PLAN VIEWS

SECTION VIEW

3 E-301 CABLE AND DUCT MARKER DETAILS
NOT TO SCALE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BILLY J. ORNELLAS
LICENSED PROFESSIONAL ENGINEER
No. 11658-E
HAWAII, U. S. A.
2026.05.18

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.")

04/30/2028

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

DSGN.	DRWN.	CHKD.	APPD.
RY	CAD	BJO	BJO

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20, PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

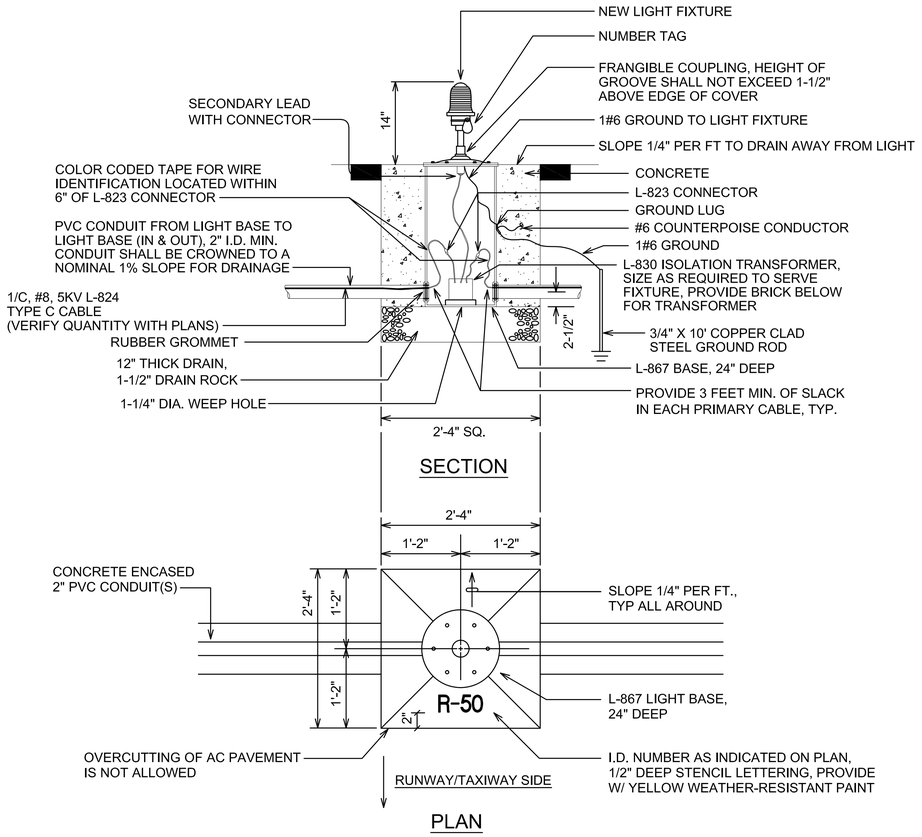
MISCELLANEOUS DETAILS

DATE :
08/10/2026

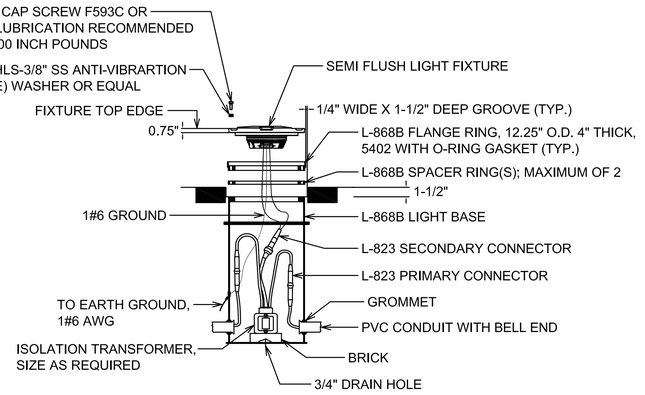
SHEET :
71 OF 74 SHEETS

DWG. NO.
E-301

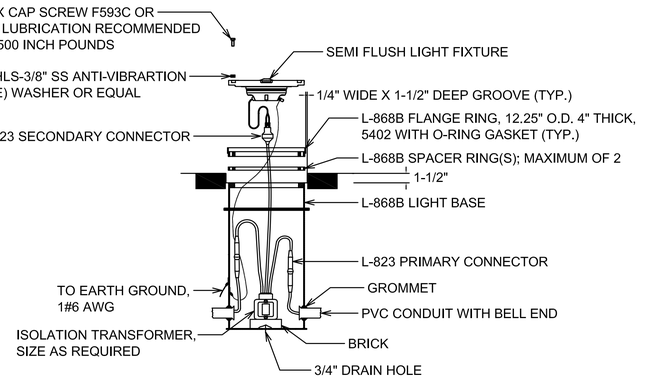
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1 E-302 RUNWAY/TAXIWAY EDGE/THRESHOLD LIGHT DETAIL
NOT TO SCALE



2 E-302 RUNWAY EDGE SEMI-FLUSH LIGHT DETAIL
NOT TO SCALE



3 E-302 TAXIWAY EDGE SEMI-FLUSH LIGHT DETAIL
NOT TO SCALE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BILLY J. ORNELLAS
LICENSED PROFESSIONAL ENGINEER
No. 11658-E
HAWAII, U.S.A.
2026.05.18

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04/30/2028

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

DSGN.	DRWN.	CHKD.	APPD.
RY	CAD	BJO	BJO

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS
AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20, PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

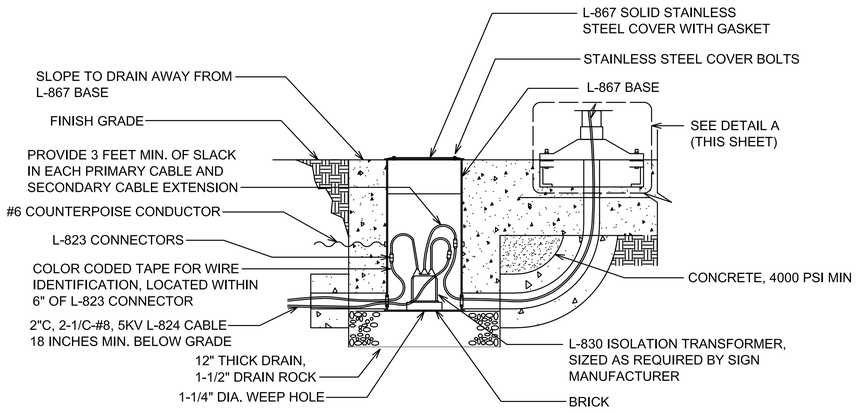
AM1022-25

SHEET TITLE:

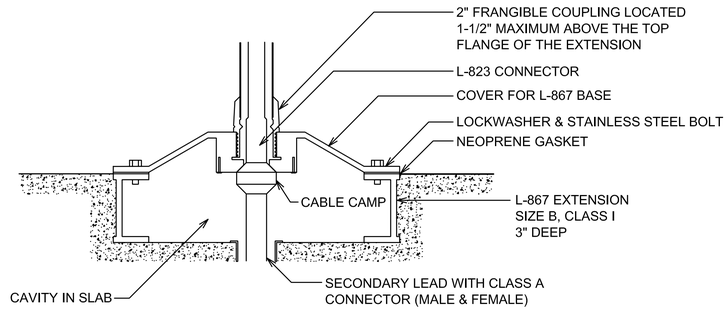
LIGHT FIXTURE DETAILS

DATE :	DWG. NO.
08/10/2026	E-302
SHEET :	
72 OF 74 SHEETS	

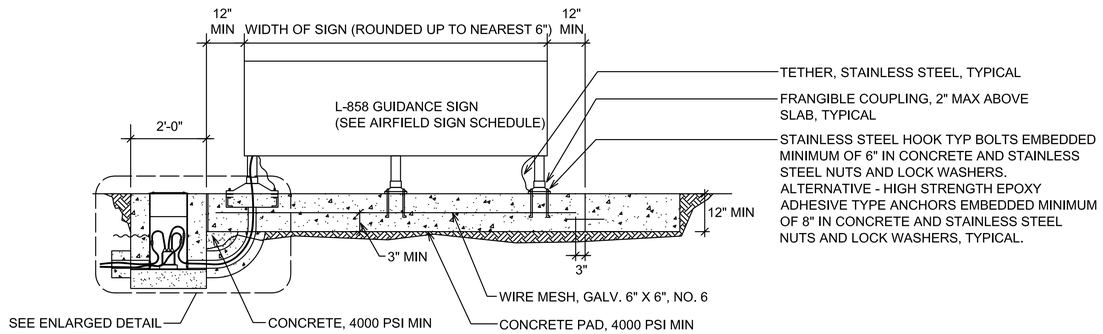
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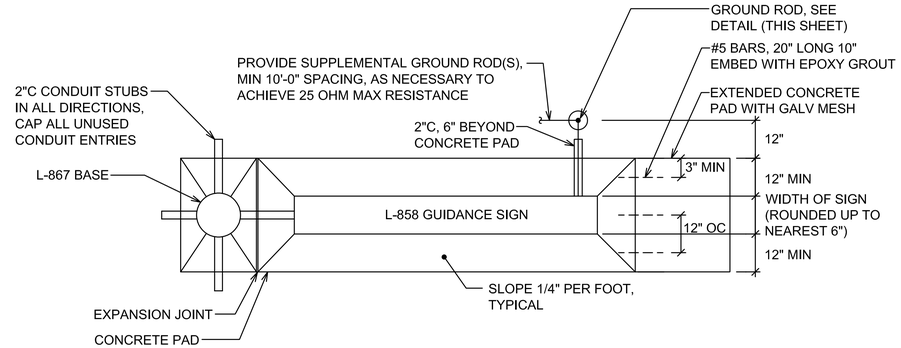
ENLARGED DETAIL



DETAIL A



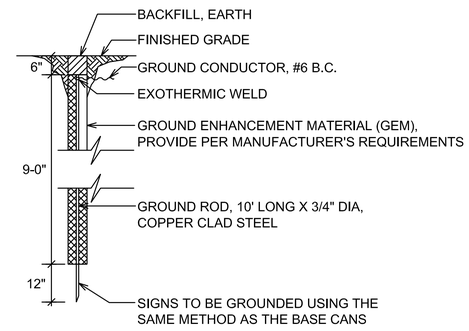
SECTION



PLAN

NOTE(S):

1. GUIDANCE SIGN SHALL COMPLY WITH THE REQUIREMENTS OF THE FAA CIRCULARS AC 150/5340-30 (LATEST EDITION) DESIGN AND INSTALLATION DETAILS FOR AIRPORT VISUAL AIDS AND AC 150/5345-44 SPECIFICATION FOR RUNWAY AND TAXIWAY SIGNS.
2. LOCATION OF GUIDANCE SIGNS SHALL BE 35-60' FROM EDGE OF TAXIWAY TO THE INSIDE EDGE OF THE SIGN.
3. GUIDANCE SIGNS SHALL BE LED UNLESS OTHERWISE INDICATED. SIZING OF TRANSFORMER SHALL BE PER MANUFACTURER'S REQUIREMENTS.
4. SEE E-602 AND E-603 FOR AIRFIELD GUIDANCE SIGN SCHEDULES.



GROUND ROD DETAIL

1 E-302A GUIDANCE SIGN DETAILS
NOT TO SCALE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BILLY J. ORNELLAS
LICENSED PROFESSIONAL ENGINEER
No. 11658-E
HAWAII, U.S.A.
2026.07.22

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04/30/2028

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

DSGN.	DRWN.	CHKD.	APPD.
RY	CAD	BJO	BJO

NO.	DATE	REVISIONS
1	08/07/26	ADDENDUM #1

CONSTRUCTION DOCUMENTS

August 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20, PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

GUIDANCE SIGN DETAILS

DATE : 08/10/2026

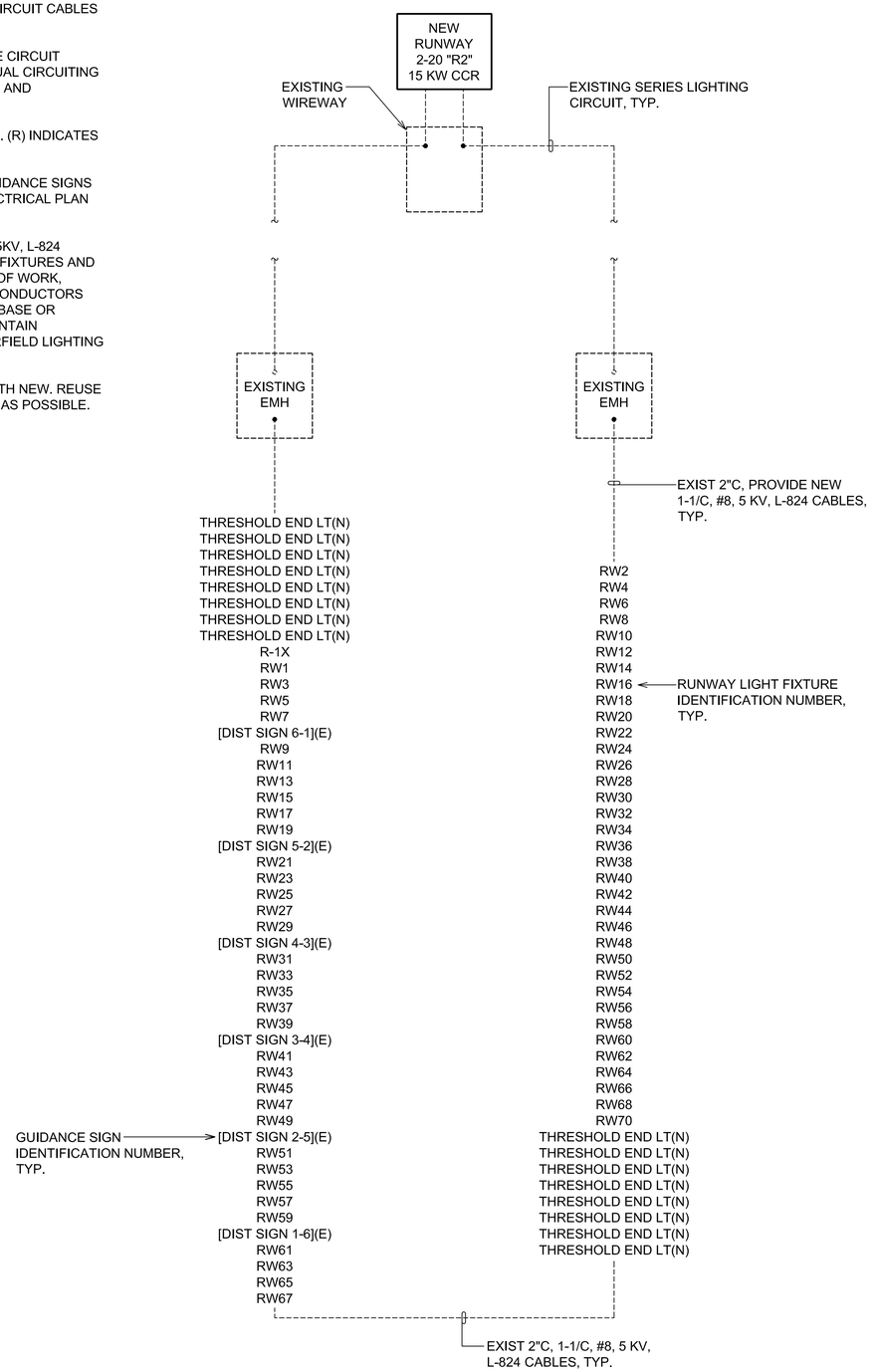
SHEET : 72A OF 74 SHEETS

DWG. NO. E-302A 1

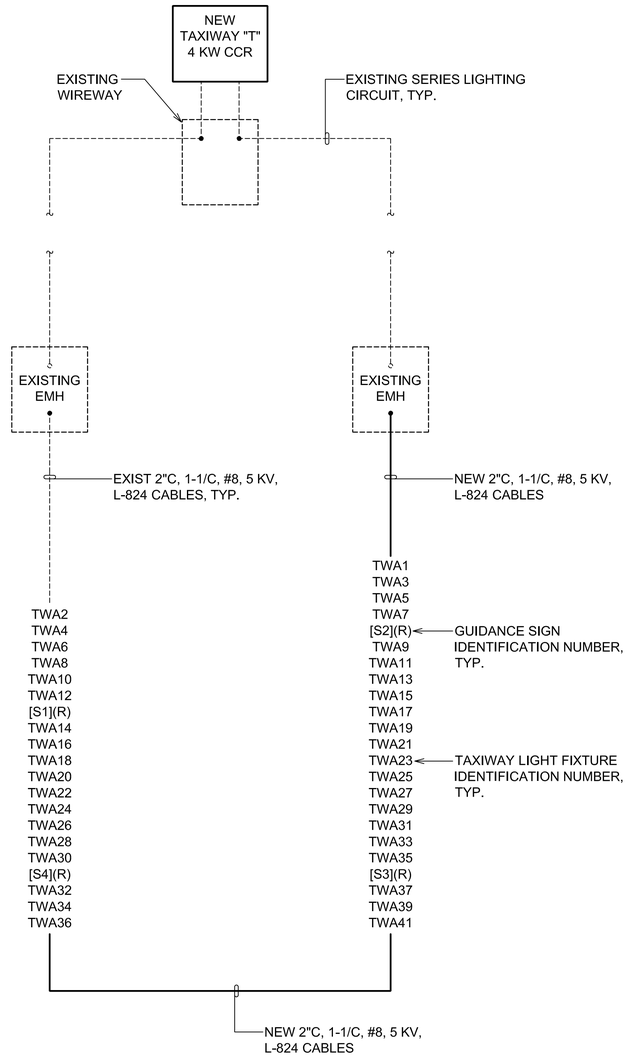
Z:\ACAD\PROJECTS\22507\6072A_E-302_225078_GUIDANCE_SIGN_DETAILS.DWG

NOTES:

1. CIRCUIT DIAGRAMS ARE SCHEMATIC. NOT ALL HANDHOLES/MANHOLES ARE SHOWN. CONTRACTOR SHALL VERIFY EXISTING CIRCUITING AND REPLACE EXISTING AIRFIELD LIGHTING SERIES CIRCUIT CABLES AS INDICATED IN THE PLANS.
2. CONTRACTOR SHALL UPDATE CIRCUIT DIAGRAMS TO REFLECT ACTUAL CIRCUITING OF AIRFIELD LIGHT FIXTURES AND GUIDANCE SIGNS.
3. (E) INDICATES EXISTING ITEM. (R) INDICATES RELOCATED ITEM.
4. ALL LIGHT FIXTURES AND GUIDANCE SIGNS MAY NOT BE SHOWN ON ELECTRICAL PLAN SHEETS.
5. PROVIDE NEW 2"C, 2-1/C, #8, 5KV, L-824 CABLES FOR ALL NEW LIGHT FIXTURES AND GUIDANCE SIGNS. AT LIMITS OF WORK, SPLICE NEW AND EXISTING CONDUCTORS AT NEAREST LIGHT FIXTURE BASE OR HANDHOLE/MANHOLE TO MAINTAIN CONTINUITY OF EXISTING AIRFIELD LIGHTING CIRCUIT.
6. REPLACE EXISTING CCR'S WITH NEW. REUSE EXISTING CONDUIT AS MUCH AS POSSIBLE.



1 E-303 RUNWAY 2-20 NEW CIRCUIT DIAGRAM
NOT TO SCALE



2 E-303 TAXIWAY "A" NEW CIRCUIT DIAGRAM
NOT TO SCALE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BILLY J. ORNELLAS
LICENSED PROFESSIONAL ENGINEER
No. 11658-E
HAWAII, U. S. A.
2026.05.18

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04/30/2028

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

DSGN.	DRWN.	CHKD.	APPD.
RY	CAD	BJO	BJO

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20, PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

CIRCUIT DIAGRAM

DATE :
08/10/2026
SHEET :
73 OF 74 SHEETS

DWG. NO.
E-303

Z:\ACAD\PROJECTS\225078\073_E-303_225078_CIRCUIT DIAGRAM.DWG

LIGHT FIXTURE SCHEDULE

LIGHT FIXTURE ID	LOCATION	TYPE	LIGHT BASE	FILTER/ LENS	CIRCUIT	STATION	OFFSET
R-1X	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2001+81.44	85.10R
RW1	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2002+99.59	85.09R
RW2	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2002+99.57	84.67L
RW3	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2004+49.57	85.08R
RW4	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2004+49.57	84.69L
RW5	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2005+99.57	85.06R
RW6	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2005+99.57	84.70L
RW7	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2007+99.57	85.05R
RW8	RUNWAY 2-20	L-850C	L-868B	W/Y	R2	2007+99.57	84.72L
RW9	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2009+99.57	85.03R
RW10	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2009+99.57	84.75L
RW11	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2011+74.51	85.02R
RW12	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2011+74.51	84.76L
RW13	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2013+49.44	85.00R
RW14	RUNWAY 2-20	L-862	L-868B	W/Y	R2	2013+49.44	84.78L
RW15	RUNWAY 2-20	L-862	L-868B	W/Y	R2	2015+24.38	84.99R
RW16	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2015+24.38	84.80L
RW17	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2016+99.32	84.97R
RW18	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2016+99.32	84.82L
RW19	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2018+77.35	84.96R
RW20	RUNWAY 2-20	L-850C	L-868B	W/Y	R2	2018+77.35	84.84L
RW21	RUNWAY 2-20	L-862	L-867B	W	R2	2020+55.37	84.95R
RW22	RUNWAY 2-20	L-850C	L-868B	W	R2	2020+55.37	84.86L
RW23	RUNWAY 2-20	L-850C	L-868B	W	R2	2022+34.19	84.93R
RW24	RUNWAY 2-20	L-862	L-867B	W	R2	2022+34.19	84.88L
RW25	RUNWAY 2-20	L-862	L-867B	W	R2	2024+28.93	84.92R
RW26	RUNWAY 2-20	L-862	L-867B	W	R2	2024+28.93	84.90L
RW27	RUNWAY 2-20	L-862	L-867B	W	R2	2026+23.67	84.90R
RW28	RUNWAY 2-20	L-862	L-867B	W	R2	2026+23.67	84.92L
RW29	RUNWAY 2-20	L-862	L-867B	W	R2	2028+18.41	84.88R
RW30	RUNWAY 2-20	L-862	L-867B	W	R2	2028+18.41	84.94L
RW31	RUNWAY 2-20	L-862	L-867B	W	R2	2030+13.15	84.87R
RW32	RUNWAY 2-20	L-862	L-867B	W	R2	2030+13.15	84.96L
RW33	RUNWAY 2-20	L-862	L-867B	W	R2	2032+7.89	84.85R
RW34	RUNWAY 2-20	L-862	L-867B	W	R2	2032+7.89	84.98L
RW35	RUNWAY 2-20	L-862	L-867B	W	R2	2034+2.63	84.84R
RW36	RUNWAY 2-20	L-862	L-867B	W	R2	2034+2.63	84.00L
RW37	RUNWAY 2-20	L-862	L-867B	W	R2	2036+77.34	84.82R
RW38	RUNWAY 2-20	L-862	L-867B	W	R2	2036+77.34	85.03L
RW39	RUNWAY 2-20	L-862	L-867B	W	R2	2038+72.62	84.80R
RW40	RUNWAY 2-20	L-862	L-867B	W	R2	2038+72.62	85.05L
RW41	RUNWAY 2-20	L-862	L-867B	W	R2	2040+67.89	84.78R
RW42	RUNWAY 2-20	L-862	L-867B	W	R2	2040+67.89	85.07L
RW43	RUNWAY 2-20	L-862	L-867B	W	R2	2042+63.17	84.77R
RW44	RUNWAY 2-20	L-862	L-867B	W	R2	2042+63.17	85.09L
RW45	RUNWAY 2-20	L-862	L-867B	W	R2	2044+58.44	84.75R
RW46	RUNWAY 2-20	L-862	L-867B	W	R2	2044+58.44	85.11L
RW47	RUNWAY 2-20	L-862	L-867B	W	R2	2046+52.43	84.74R
RW48	RUNWAY 2-20	L-850C	L-868B	W	R2	2046+52.43	85.14L
RW49	RUNWAY 2-20	L-862	L-867B	W	R2	2048+46.42	84.72R
RW50	RUNWAY 2-20	L-862	L-867B	W	R2	2048+46.42	85.16L
RW51	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2050+41.42	84.71R
RW52	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2050+40.42	85.18L
RW53	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2052+34.41	84.69R
RW54	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2052+34.41	85.20L
RW55	RUNWAY 2-20	L-850C	L-868B	W/Y	R2	2054+24.45	84.68R
RW56	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2054+24.45	85.22L
RW57	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2056+14.49	84.66R
RW58	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2056+14.49	85.24L
RW59	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2057+95.37	84.65R
RW60	RUNWAY 2-20	L-850C	L-868B	W/Y	R2	2057+95.37	85.26L
RW61	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2059+76.27	84.63R
RW62	RUNWAY 2-20	L-850C	L-868B	W/Y	R2	2059+76.27	85.28L
RW63	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2061+57.17	84.62R
RW64	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2061+57.17	85.30L
RW65	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2063+38.10	84.60R
RW66	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2063+38.10	85.32L
RW67	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2065+18.97	84.59R
RW68	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2065+18.97	85.33L
RW69	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2066+99.86	84.57R
RW70	RUNWAY 2-20	L-862	L-867B	W/Y	R2	2066+99.86	85.35L

LIGHT FIXTURE SCHEDULE

LIGHT FIXTURE ID	LOCATION	TYPE	LIGHT BASE	FILTER/ LENS	CIRCUIT	STATION	OFFSET
TWA1	TAXIWAY "A"	L-852T	L-868B	B	K3	2067+31.84*	99.83L*
TWA2	TAXIWAY "A"	L-861T	L-867B	B	K3	193+87.75	47.50L
TWA3	TAXIWAY "A"	L-852T	L-868B	B	K3	2067+61.30	132.17L*
TWA4	TAXIWAY "A"	L-861T	L-867B	B	K3	193.54.14	47.50L
TWA5	TAXIWAY "A"	L-852T	L-868B	B	K3	191+72.29	117.00R
TWA6	TAXIWAY "A"	L-861T	L-867B	B	K3	193+3.97	47.50L
TWA7	TAXIWAY "A"	L-861T	L-867B	B	K3	191+42.73	84.02R
TWA8	TAXIWAY "A"	L-861T	L-867B	B	K3	192+62.08	47.50L
TWA9	TAXIWAY "A"	L-861T	L-867B	B	K3	191+1.81	69.49R
TWA10	TAXIWAY "A"	L-861T	L-867B	B	K3	192+20.19	47.50L
TWA11	TAXIWAY "A"	L-861T	L-867B	B	K3	190+57.74	66.36R
TWA12	TAXIWAY "A"	L-861T	L-867B	B	K3	192+23.07	47.50L
TWA13	TAXIWAY "A"	L-861T	L-867B	B	K3	190+13.68	63.22R
TWA14	TAXIWAY "A"	L-861T	L-867B	B	K3	190+25.94	47.50L
TWA15	TAXIWAY "A"	L-861T	L-868B	B	K3	189+69.61	60.09R
TWA16	TAXIWAY "A"	L-861T	L-868B	B	K3	189+28.81	47.50L
TWA17	TAXIWAY "A"	L-861T	L-867B	B	K3	189+25.55	56.95R
TWA18	TAXIWAY "A"	L-861T	L-867B	B	K3	188+31.68	47.50L
TWA19	TAXIWAY "A"	L-861T	L-867B	B	K3	188+87.88	60.36R
TWA20	TAXIWAY "A"	L-861T	L-867B	B	K3	187+97.68	47.41L
TWA21	TAXIWAY "A"	L-861T	L-867B	B	K3	188+50.22	63.76R
TWA22	TAXIWAY "A"	L-861T	L-867B	B	K3	187+63.60	47.59L
TWA23	TAXIWAY "A"	L-861T	L-867B	B	K3	187+97.47	65.07R
TWA24	TAXIWAY "A"	L-861T	L-867B	B	K3	186+74.86	47.59L
TWA25	TAXIWAY "A"	L-861T	L-867B	B	K3	187+43.36	63.52R
TWA26	TAXIWAY "A"	L-861T	L-867B	B	K3	186+24.86	47.59L
TWA27	TAXIWAY "A"	L-861T	L-867B	B	K3	187+4.01	59.96R
TWA28	TAXIWAY "A"	L-861T	L-867B	B	K3	184+49.08	47.59L
TWA29	TAXIWAY "A"	L-861T	L-867B	B	K3	186+64.65	56.41R
TWA30	TAXIWAY "A"	L-861T	L-867B	B	K3	182+73.30	47.59L
TWA31	TAXIWAY "A"	L-861T	L-867B	B	K3	186+25.29	52.85R
TWA32	TAXIWAY "A"	L-861T	L-867B	B	K3	180+97.52	47.60L
TWA33	TAXIWAY "A"	L-861T	L-867B	B	K3	184+49.42	49.65R
TWA34	TAXIWAY "A"	L-861T	L-867B	B	K3	179+21.75	47.60L
TWA35	TAXIWAY "A"	L-861T	L-867B	B	K3	182+73.40	47.50R
TWA36	TAXIWAY "A"	L-861T	L-867B	B	K3	177+45.97	47.60L
TWA37	TAXIWAY "A"	L-861T	L-867B	B	K3	180+96.68	47.37R
TWA39	TAXIWAY "A"	L-861T	L-867B	B	K3	179+21.84	47.49R
TWA41	TAXIWAY "A"	L-861T	L-867B	B	K3	178+96.82	61.16R

NOTE: * DENOTES STATION AND OFFSET MEASURED FROM RUNWAY 2-20

AIRFIELD GUIDANCE SIGN SCHEDULE

SIGN ID	LOCATION	SIGN FACE	SIGN LEGEND						CIRCUIT INFORMATION	STATION	OFFSET
			FRONT "A" (LEFT TO RIGHT)			BACK "B" (LEFT TO RIGHT)					
		SEGMENT #	1	2	3	1	2	3			
S1	TAXIWAY A	LEGEND	A	(BLANK)	-	A	20	-	K3	191+15.35	77.06L
		COLOR	WHI/BLK	BLK	-	WHI/BLK	WHI/RED	-			
S2	TAXIWAY A	LEGEND	(BLANK)	A	-	20	A	-	K3	191.15.34	101.36R
		COLOR	BLK	WHI/BLK	-	WHI/RED	WHI/BLK	-			
S3	TAXIWAY A	LEGEND	A	23-5		A	(BLANK)	(BLANK)	K3	181+74.00	78.69L
		COLOR	WHI/BLK	WHITE/RED		WHI/BLK	BLK	BLK			
S4	TAXIWAY A	LEGEND	23-5		A	(BLANK)	(BLANK)	A	K3	181+74.06	77.87R
		COLOR	WHITE/RED		WHI/BLK	BLK	BLK	WHI/BLK			
S5	TAXIWAY A	LEGEND	A	(BLANK)	(BLANK)	A	5-23		T2	170+37.91	78.76L
		COLOR	WHI/BLK	BLK	BLK	WHI/BLK	WHITE/RED				

NOTE: SIGN ID FOR IDENTIFICATION PURPOSES ONLY. EXISTING SIGN MAY HAVE A DIFFERENT ID NUMBER.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS

BILLY J. ORNELIAS
LICENSED PROFESSIONAL ENGINEER
No. 11658-E
HAWAII, U. S. A.

2026.05.18

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.")

04/30/2028

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

DSGN.	DRWN.	CHKD.	APPD.
RY	CAD	BJO	BJO

NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

AUGUST 10, 2026
DATE

PROJECT TITLE :

RESURFACE RUNWAY 2-20, PHASE 2

AT
KAHULUI AIRPORT
KAHULUI, MAUI, HAWAII

PROJECT NO.:

AM1022-25

SHEET TITLE:

LIGHTING SCHEDULE

DATE :
08/10/2026

SHEET :
74 OF 74 SHEETS

DWG. NO.
E-304

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