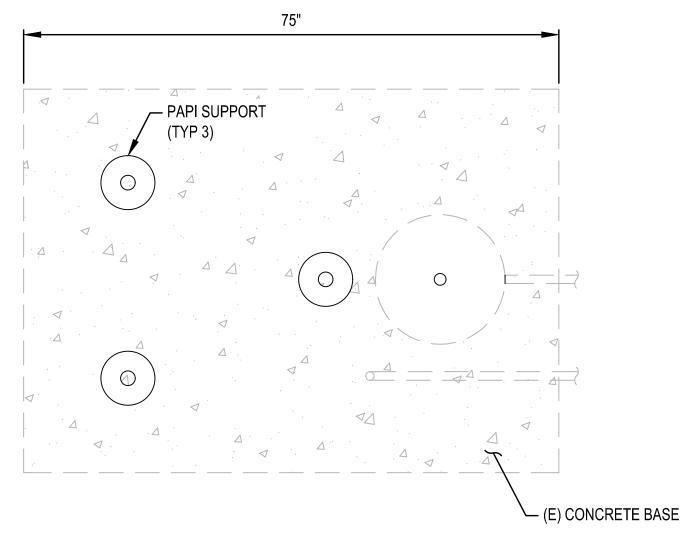


### **SECTIONAL UNIT VIEW - TYPICAL**

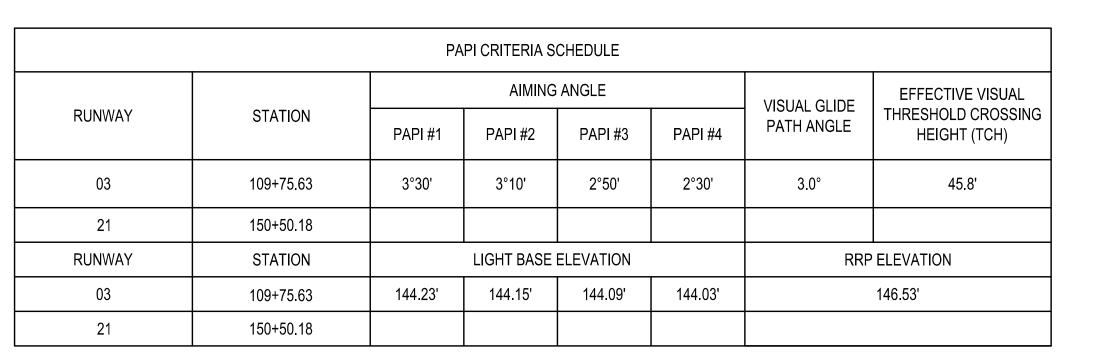


#### PAPI INSTALLATION DETAIL PLAN VIEW



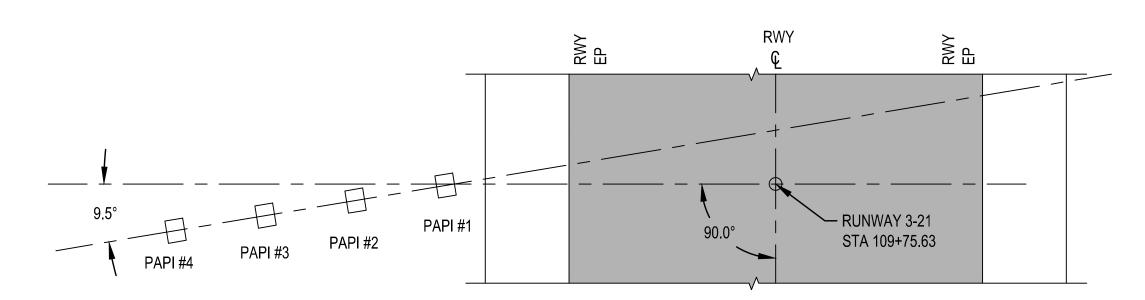
#### NOTES:

- 1. PAPI SUPPORT LOCATIONS ON (E) CONCRETE BASE AND CONDUIT PENETRATIONS SHALL BE COORDINATED IN THE FIELD.
- 2. AIMING ANGLE OF UNITS SHALL BE PER PAPI CRITERIA SCHEDULE
- 3. PAPI IS LOCATED SO THAT LENS IS AT RUNWAY REFERENCE POINT (RRP).
- 4. THE (RRP) IS AT THE FRONT, CENTER LIGHT EMITTING SURFACE OF THE PAPI LIGHT UNIT.



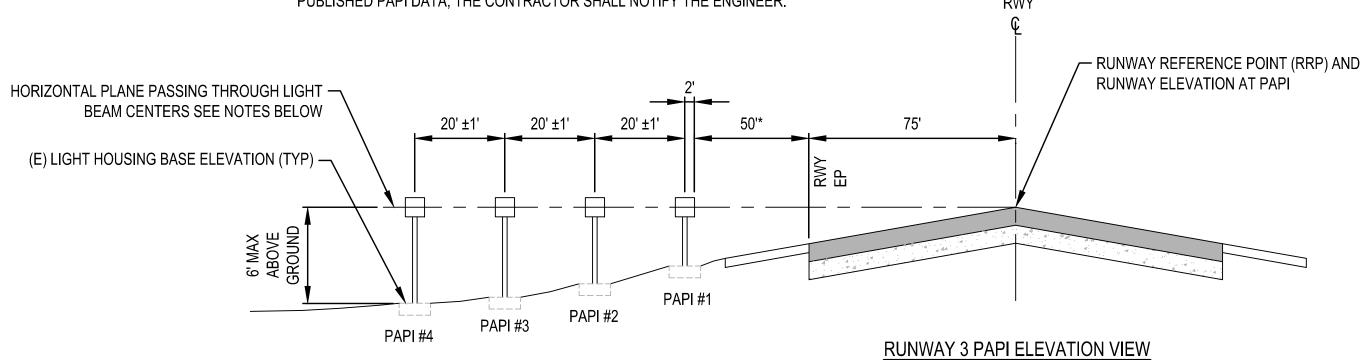
# NOTES:

PAPI LIGHT BASE ELEVATIONS AS SHOWN SHALL BE FIELD VERIFIED AND NOT TO EXCEED 3" FROM ADJACENT PAVEMENT SURFACES.



**RUNWAY 3 PAPI PLAN VIEW** 

THE PUBLISHED DATA FOR THE RWY 3 END PAPI INDICATES AN OFFSET OF 9.5 DEGREES EAST OF CENTERLINE, 3 DEGREE GLIDE ANGLE, AND 45.8' THRESHOLD CROSSING HEIGHT. PRIOR TO THE STARTING WORK, THE CONTRACTOR SHALL DOCUMENT THE EXISTING HORIZONTAL AND VERTICAL AIMING ANGLES FOR EACH EXISTING PAPI FIXTURE, AND INSTALL THE NEW PAPI FIXTURES ON THE EXISTING FOUNDATIONS AND MATCH THE PREVIOUS HORIZONTAL AND VERTICAL AIMING ANGLES. IF THERE IS A SIGNIFICANT DIFFERENCE BETWEEN THE EXISTING AND PUBLISHED PAPI DATA, THE CONTRACTOR SHALL NOTIFY THE ENGINEER.



## NOTES:

PAPI IS LOCATED SO THAT THE CENTER OF LENSES ARE LEVEL WITH RWY CENTERLINE AT RRP (RUNWAY REFERENCE POINT), WITHIN FOLLOWING TOLERANCES:

±1 FOOT OF RWY ELEVATION (LENS OR BEAM INTERCEPT PLANE WITH RWY CENTERLINE AT RRP) ±1 INCH BETWEEN LHAS (LENS CENTERS OF ONE LHA WITH LENS CENTERS OF ANOTHER) \* DIMENSION FROM RUNWAY EDGE IS MEASURED TO THE OUTSIDE EDGE OF THE PAPI UNIT

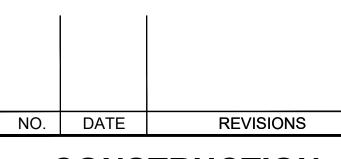
RUNWAY 3 PAPI @ STA: 109+75.63	$\overline{2}$
SCALE: N.T.S.	E3.09





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

# KEY PLAN / NOTES:



# CONSTRUCTION **DOCUMENTS**

JULY 2022

PROJECT TITLE:

**RELOCATE RUNWAY 3-21** 

AT LIHUE AIRPORT LIHUE, KAUAI, HAWAII

PROJECT NO.:

AK1031-14

SHEET TITLE:

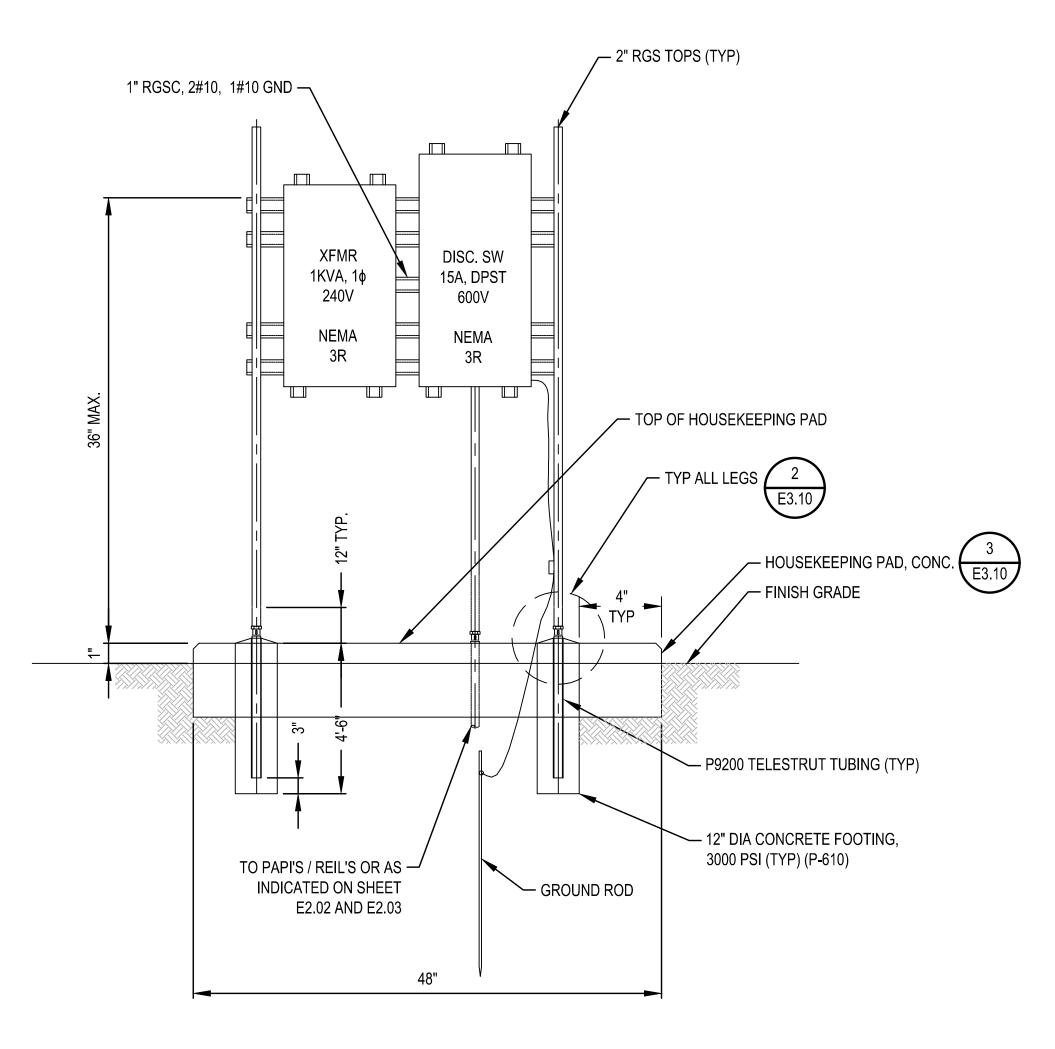
PAPI DETAILS 1 OF 2

DATE: 07/2022 SHEET

353 OF 376 SHEETS

E3.09

DWG. NO.



# **ELEVATION**

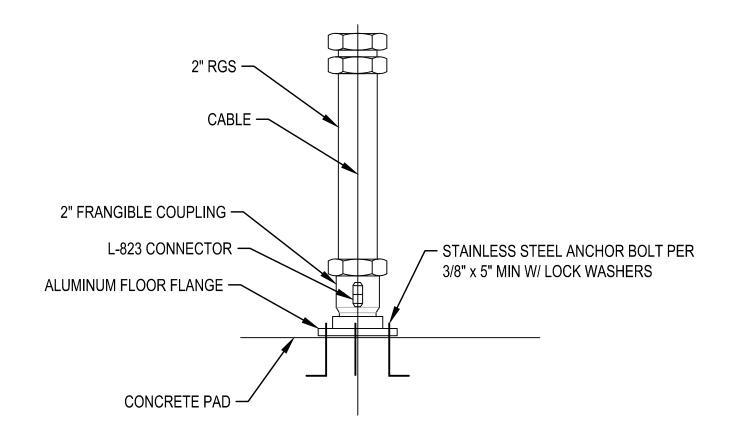
PAPI AND REIL POWER AND CONTROL SYSTEM DETAILS

SCALE: N.T.S.

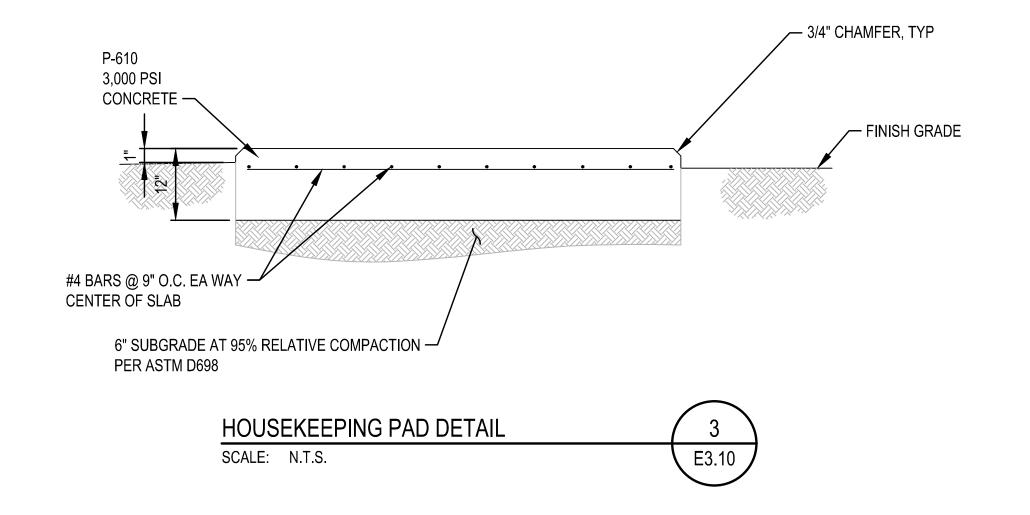
1
E3.10

# NOTES:

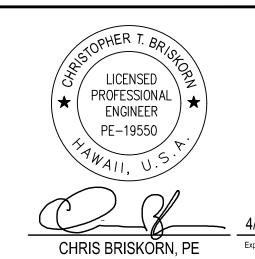
SEE SINGLE LINE DIAGRAMS ON SHEET E5.01 FOR ADDITIONAL REQUIREMENTS.











DSGN. DRWN. CHKD. APPD.

KEY PLAN / NOTES:

NO. DATE REVISIONS

# CONSTRUCTION DOCUMENTS

JULY 2022

PROJECT TITLE:

RELOCATE RUNWAY 3-21

AT LIHUE AIRPORT LIHUE, KAUAI, HAWAII

PROJECT NO.:

AK1031-14

SHEET TITLE:

PAPI DETAILS 2 OF 2

DATE: 07/2022 SHEET:

DWG. NO. **E3.10** 

354 OF 376 SHEETS