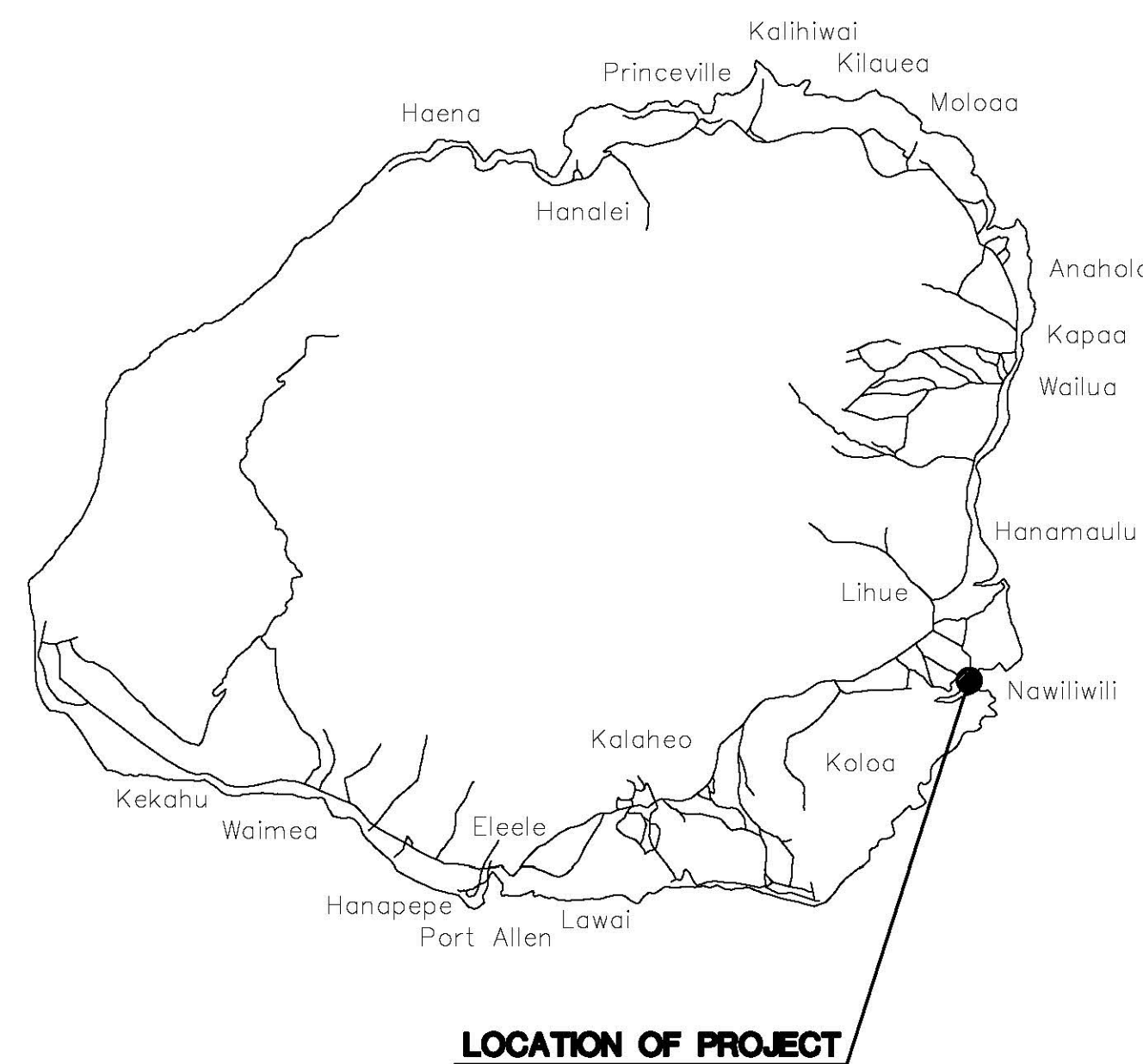


# REMOVAL OF SUPERFERRY RAMP NAWILIWILI HARBOR, KAUAI, HAWAII

FOR THE  
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HARBORS  
S70160

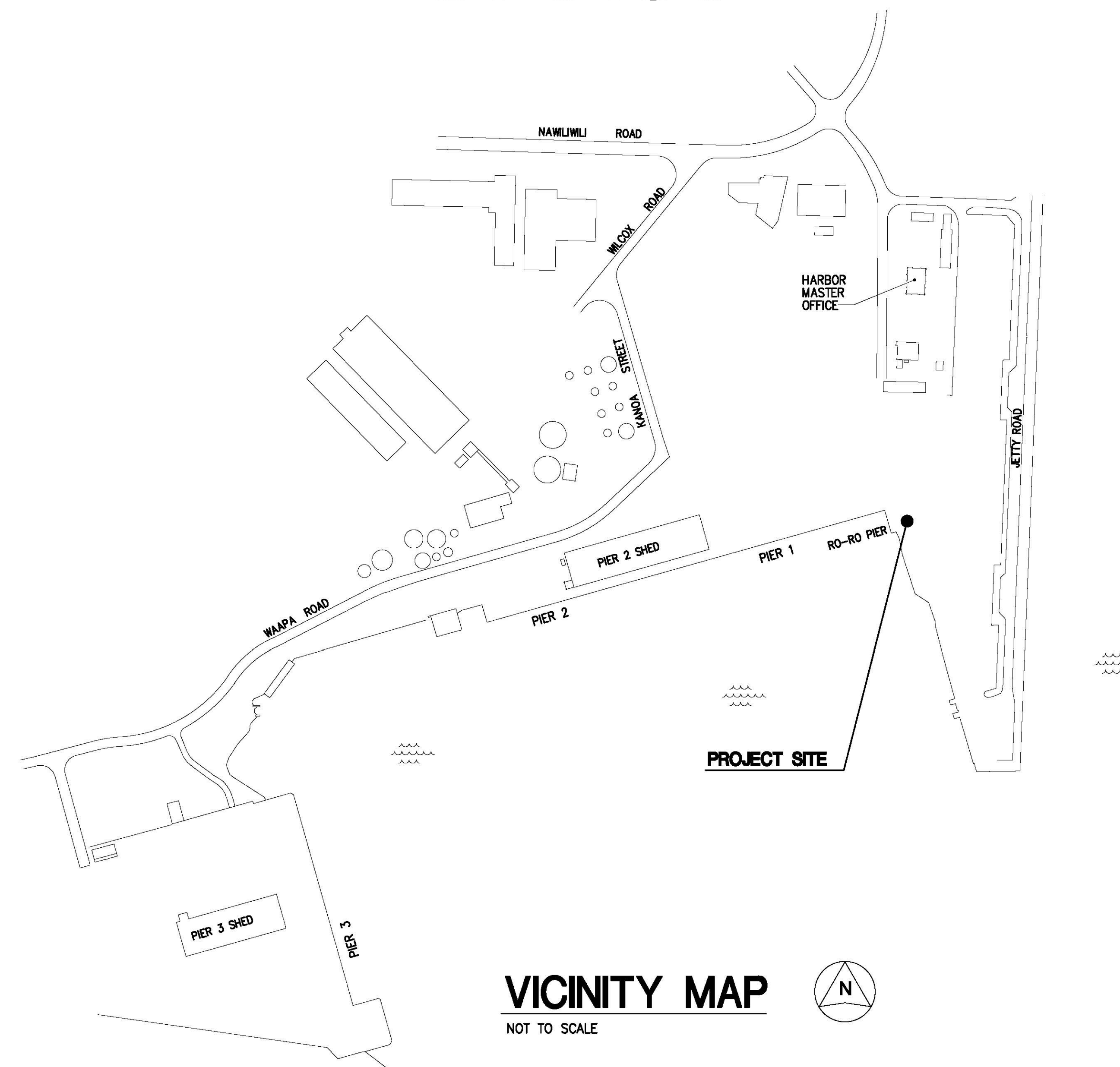
**CONSULTANTS:**

**MKE ASSOCIATES LLC**  
STRUCTURAL ENGINEER




**ISLAND OF KAUAI**

**LOCATION MAP**  
NOT TO SCALE



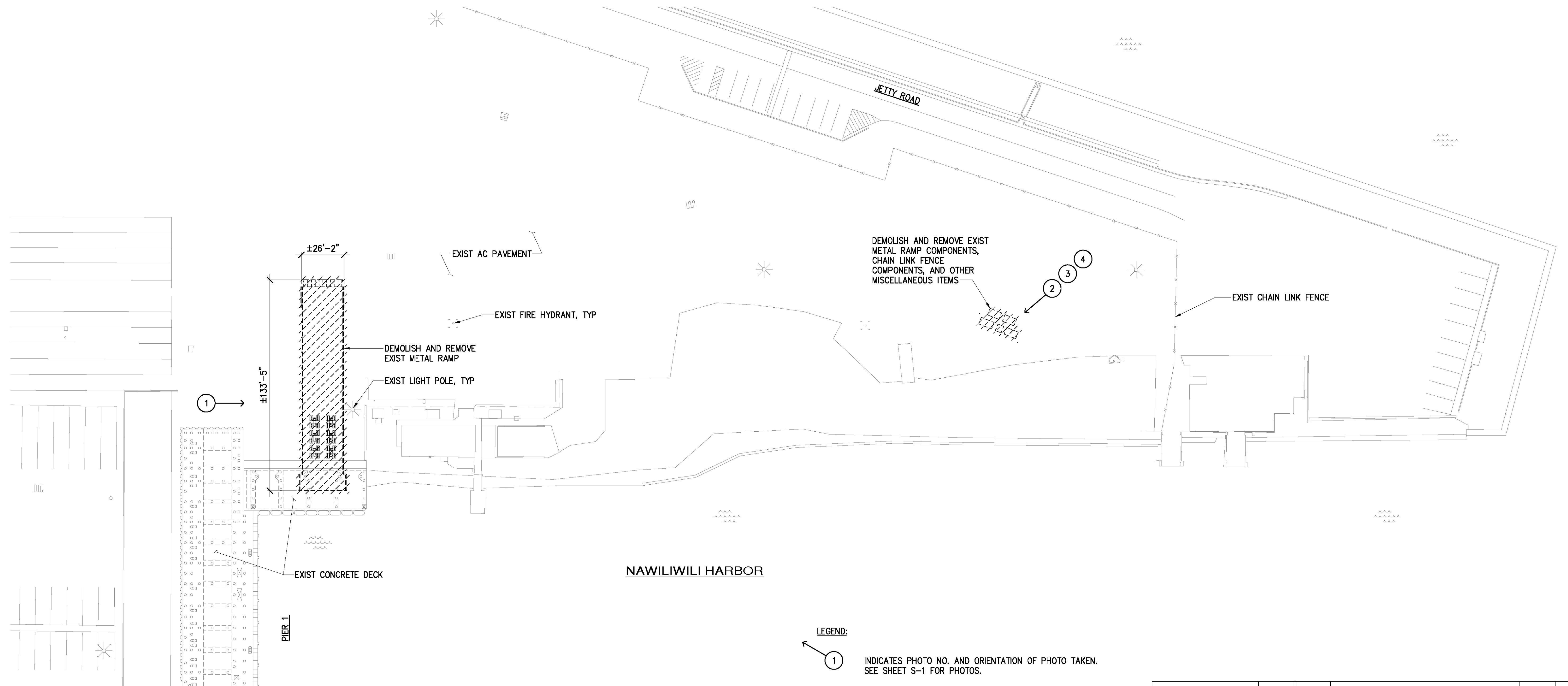
**VICINITY MAP**  
NOT TO SCALE



<b>DEPARTMENT OF TRANSPORTATION STATE OF HAWAII</b>		SHEET <b>T-1</b>
APPROVED BY: 	Oct 19, 2023	
FOR DIRECTOR OF TRANSPORTATION	DATE	1 OF 3 SHS

# INDEX TO DRAWINGS

SHEET NO.	TITLE
T-1	TITLE SHEET, LOCATION AND VICINITY MAPS
T-2	INDEX TO DRAWINGS AND SITE PLAN
S-1	GENERAL NOTES AND PHOTOS

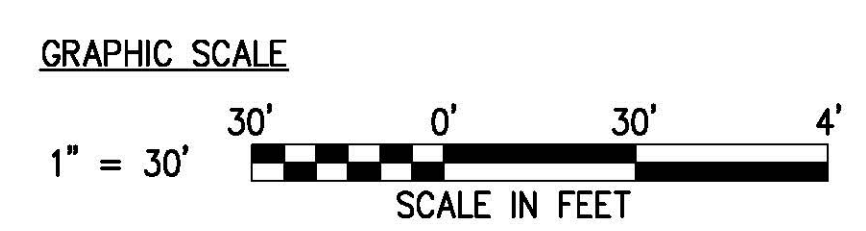


**NAWILIWILI HARBOR**

**LEGEND:**  
 ① INDICATES PHOTO NO. AND ORIENTATION OF PHOTO TAKEN. SEE SHEET S-1 FOR PHOTOS.

**NOTE:**  
 ITEMS SHOWN IN PHOTOS 3 AND 4 WILL BE MOVED BY HARBORS TO THE LOCATION SHOWN IN PHOTO 2 PRIOR TO CONSTRUCTION.

**SITE PLAN**  
 SCALE: 1" = 30'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
 EXP. 4-30-24  
*Grant J. Okunaka*  
 MKE ASSOCIATES LLC

REVISION	DATE	DESCRIPTION	BY	APPROVED
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS				
JOB TITLE REMOVAL OF SUPERFERRY RAMP NAWILIWILI HARBOR, KAUAI, HAWAII				
SHEET TITLE INDEX TO DRAWINGS AND SITE PLAN				
DESIGNED BY: NL	JOB NUMBER		SHEET	
DRAWN BY: DL	S70160		T-2	
CHECKED BY: GO	DATE: 09/2023		2 OF 3 SHTS.	
SCALE: AS SHOWN	JOB NUMBER		S70160	



**GENERAL NOTES:**

**GENERAL:**

1. WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE HAWAII STATE BUILDING CODE (AMENDED IBC, 2018 EDITION) AND THE HAWAII STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, 2005, FOR THE STATE OF HAWAII, UNLESS OTHERWISE INDICATED. HOWEVER, SHOULD THERE BE CONFLICTS, OR WHERE REFERENCE IS MADE TO PERFORMANCE CONFORMING TO OTHER STANDARDS THE MORE STRINGENT SHALL APPLY.
2. THE CONTRACTOR SHALL COMPARE PLANS, SPECIFICATIONS AND ALL OTHER CONTRACT DOCUMENTS WITH EACH OTHER AND REPORT IN WRITING TO THE HARBORS CONSTRUCTION ENGINEER ALL INCONSISTENCIES AND OMISSIONS.
3. THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AND VERIFY FIELD CONDITIONS AND SHALL COMPARE SUCH FIELD MEASUREMENTS AND CONDITIONS WITH THE DRAWINGS BEFORE COMMENCING WORK. REPORT IN WRITING TO THE HARBORS CONSTRUCTION ENGINEER ALL INCONSISTENCIES AND OMISSIONS.
4. CONTRACTOR SHALL RESOLVE ANY DISCREPANCIES AND QUESTIONS PRIOR TO THE START OF WORK. NO EXTRA PAYMENT SHALL BE ALLOWED ON ACCOUNT OF WORK MADE NECESSARY BY THE CONTRACTORS FAILURE TO VISIT THE SITE AND/OR FAILURE TO RESOLVE DISCREPANCIES AND QUESTIONS.
5. THE CONTRACTOR SHALL PROTECT ALL UTILITIES AND STRUCTURES IN AND ADJACENT TO THE PROJECT SITE. ANY DAMAGE SHALL BE REPAIRED TO THE SATISFACTION OF THE HARBORS CONSTRUCTION ENGINEER AND PAID FOR BY THE CONTRACTOR.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES.
7. THE CONTRACTOR SHALL COORDINATE HIS/HER WORK WITH OTHER CONTRACTORS WITHIN THE PROJECT AREA. THE CONTRACTOR SHALL ALSO COORDINATE WITH THE HARBORS KAUAI DISTRICT MANAGER AND CONSTRUCTION ENGINEER FOR AN APPROVED STAGING AND STORAGE AREA AND FOR RESTRICTIONS OF HARBORS OPERATIONS OVER REPAIR AREAS.
8. THE CONTRACTOR SHALL REMOVE ALL DEBRIS RESULTING FROM HIS/HER WORK AS REQUIRED FOR PUBLIC HEALTH AND SAFETY AND TO THE SATISFACTION OF THE HARBORS CONSTRUCTION ENGINEER. SHOULD THE STATE PERFORM ANY OF THE ABOVE WORK DUE TO NON-PERFORMANCE BY THE CONTRACTOR, THE CONTRACTOR AGREES TO REIMBURSE THE STATE FOR ALL COSTS INCURRED PLUS A FIFTY-SIX PERCENT SURCHARGE.
9. HARBOR OPERATIONS TAKE PRECEDENCE OVER CONSTRUCTION ACTIVITY. THE CONTRACTOR MUST WORK AROUND HARBOR OPERATIONS SO THAT THE PIER WILL REMAIN OPERATIONAL. WEEKEND WORK MAY BE REQUIRED AND SHALL BE COORDINATED WITH THE HARBORS CONSTRUCTION ENGINEER AND KAUAI DISTRICT IN ADVANCE.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR METHODS OF CONSTRUCTION, WORKMANSHIP AND JOB SAFETY. THE CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AND BRACING AS REQUIRED FOR STABILITY OF STRUCTURAL MEMBERS AND SYSTEMS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING SAFETY MEASURES TO PROTECT HIS/HER WORKERS, THE PIER, TENANTS, AND STRUCTURES.
11. ALL WORK SPECIFIED IN THE CONTRACT BUT NOT LISTED SEPARATELY SHALL BE CONSIDERED INCIDENTAL AND WILL NOT BE PAID FOR SEPARATELY.
12. NOTES AND DETAILS ON THE PLANS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. SHOULD THERE BE CONFLICTS BETWEEN THE REQUIREMENTS OF THE PLANS OR SPECIFICATIONS, THE MORE STRINGENT SHALL APPLY.
13. THE CONTRACTOR SHALL COMPLY WITH THE CLEAN WATER ACT AND THE STATE HARBORS STORMWATER MANAGEMENT PROGRAM. NO POLLUTANT IS ALLOWED TO BE DISCHARGED DIRECTLY OR INDIRECTLY THROUGH THE HARBORS SMALL MS4 OR OTHER POTENTIAL PATHWAY INTO HARBOR WATERS.
14. THE CONTRACTOR WILL BE RESPONSIBLE FOR REGULATORY FINES OR PENALTIES THAT MAY BE IMPOSED BY ENVIRONMENTAL REGULATORY AGENCIES (EPA AND/OR STATE DOH) IN THE EVENT OF VIOLATIONS.
15. THE CONTRACTOR SHALL SUBMIT A SITE-SPECIFIC BEST MANAGEMENT PRACTICES (BMP) PLAN AND HEALTH AND SAFETY PLAN TO THE HARBORS CONSTRUCTION ENGINEER PRIOR TO THE START OF ANY CONSTRUCTION WORK. THE SITE-SPECIFIC BMP PLAN SHALL COMPLY WITH TEMPORARY WATER POLLUTION DUST, AND EROSION CONTROL ARTICLE IN THE SPECIFICATIONS AND PROPOSAL.
16. IN CASE OF SPILL, LEAK OR OTHER RELEASE CONTAINING A HAZARDOUS SUBSTANCE OR OIL, THE CONTRACTOR SHALL NOTIFY APPROPRIATE FACILITY PERSONNEL, EMERGENCY RESPONSE AGENCIES, AND REGULATORY AGENCIES FOLLOWING NOTIFICATION PROCEDURES, AND SHALL NOTIFY THE HARBORS CONSTRUCTION ENGINEER AND ENVIRONMENTAL HOTLINE (808-587-1962) IMMEDIATELY (I.E., WITHIN 24 HOURS). SUCH CONTACT INFORMATION MUST BE IN LOCATIONS THAT ARE READILY ACCESSIBLE AND AVAILABLE.

**DEMOLITION:**

1. THE CONTRACTOR SHALL PLACE SEDIMENT CONTROL DEVICES, BOOMS, TARPULINS, STAGING, SCREENS AND OTHER DEVICES AS NECESSARY TO PREVENT AIR BORNE MATERIALS FROM LEAVING THE IMMEDIATE VICINITY OF THE SITE. THE CONTRACTOR SHALL CAPTURE AND DISPOSE OF ALL NEW GENERATED WASTES.
2. THE CONTRACTOR SHALL ABIDE BY ALL APPLICABLE FEDERAL, STATE AND LOCAL ENVIRONMENTAL PROTECTION STANDARDS, LAWS AND REGULATIONS. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, INCLUDING NOISE PERMIT, AS REQUIRED.
3. THE CONTRACTOR SHALL ENSURE THAT DEMOLITION DEBRIS MEETS LANDFILL REQUIREMENTS. FOR EXAMPLE, LONGER ITEMS SHALL BE CUT INTO MANAGEABLE LENGTHS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING, HANDLING, TRANSPORTING AND DISPOSAL OF ALL DEMOLITION DEBRIS FROM THE SUBJECT PROPERTY AT NO ADDITIONAL COST TO THE STATE. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
5. CONTRACTOR SHALL SUBMIT A BEST MANAGEMENT PLAN (BMP) FOR REVIEW AND APPROVAL BY THE HARBORS ENGINEERING BRANCH. THE BMP PROCEDURES SHALL INCLUDE A DESCRIPTION OF METHODS AND PROCEDURES THAT WILL BE FOLLOWED FOR ENVIRONMENTAL PROTECTION AND SOLID WASTE MANAGEMENT. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
6. PROVIDE BARRIERS WHERE APPROPRIATE TO SAFEGUARD WORKERS AND NEIGHBORING OCCUPANTS FROM EXPOSURE TO HAZARDOUS MATERIAL, AIRBORNE, OR OTHERWISE. SUCH MEASURES SHALL INCLUDE THE PROCEDURES AND METHODS DESCRIBED IN THE SPECIFICATIONS AND COMPLIANCE WITH REGULATIONS OF APPLICABLE FEDERAL, STATE AND LOCAL AGENCIES.



1 PHOTO



2 PHOTO



3 PHOTO



4 PHOTO

<p>GRANT J. OKUNAKA LICENSED PROFESSIONAL ENGINEER No. 13001-S HAWAII, U.S.A.</p> <p>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION EXP. 4-30-24 <i>Grant Okunaka</i> MKE ASSOCIATES LLC</p>	REVISION	DATE	DESCRIPTION	BY	APPROVED
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