

Closed out 4/29/08.

RAPID TRANSIT DIVISION Correspondence Routing

CityDART No.:	4/08-257432	Deliverable No.:		Task No.:		File No.:	8.46.8.8
Date Received:	4/16/08	Due Date:		DMC #			
Description:	Kaloi Substation Project (UH West Oahu); HECO proposal may have fixed rail implications						

Remarks:

(Handwritten initials: AC)

Seq	Action*	RTD	Name	Initials
1		Project Executive	Toru Hamayasu	<i>(Handwritten initials)</i>
LAST		Executive Assistant	Deanna Chang	
		Manager, Project Procedures		
		Manager, Real Estate Acquisition		
		Manager, Quality Assurance		
		Manager, Systems Safety & Security		
		Chief Public Information Officer	Elisa Yadao	
2		Chief Project Officer	Simon Zweighaft	SZ
		Project Development Director	Mike Schneider	
		Chief Administrative Officer	Wes Mott	
		Chief Architect	Doug Tilden	
3		Chief Facilities Engineer	Harvey Berliner	<i>(Handwritten initials)</i>
		Chief Systems Engineer	Jurgen Sumann	
		Chief of Project Controls		
		Controls Analyst	Carol Webb	
		Chief of Configurations Mgt		
		Chief of Transit Planning and Env Studies	Faith Miyamoto	
		Grants Manager	Phyllis Kurio	
		Chief of Environmental Planning	Susan Robbins	
		Chief of Transportation Planning		
		Chief of Land Use Planning	Sue Tilden	
		Transportation Planner	Kenneth Banao	
		Land Use Planner	Bruce Nagao	

***Action Codes**

- | | |
|-------------------------------|-------------------------|
| R -- Prepare Reply | D -- See Me to Discuss |
| I -- Information Only | A -- Appropriate Action |
| C -- Comments/Recommendations | F -- File |
| P -- Process for Payment | |

25743:

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET, 11TH FLOOR
HONOLULU, HAWAII 96813
Phone: (808) 768-8480 • Fax: (808) 523-4567
Web site: www.honolulu.gov

MUFI HANNEMANN
MAYOR



EUGENE C. LEE, P.E.
DIRECTOR

RUSSELL H. TAKARA, P.E.
DEPUTY DIRECTOR

April 14, 2008

08 APR 14 P 2: 23
RECEIVED

Mr. Ken T. Morikami, Manager
Hawaiian Electric Company, Inc.
P.O. Box 2750
Honolulu, Hawaii 96840

Dear Mr. Morikami:

Subject: Kaloi Substation Project (University of Hawaii West Oahu Campus)
HECO Work Order Number: EE013223

Thank you for your letter dated March 7, 2008, and for giving us the opportunity to review the proposed underground installation of 46kV circuits for the above project.

The Department of Design and Construction does not have any comments on the matter; however, we noticed that the Hawaiian Electric Company, Inc. proposal may have fixed rail implications.

Should you have any questions, please contact Russell Takara, Deputy Director, at 768-8481.

Very truly yours,


Eugene C. Lee, P.E.
Director

ECL:lt (256732)

c: Department of Transportation Services w/enclosure ✓



RECEIVED
MAR 12 9 50 AM '08

08 MAR 11 PM 12:27

March 7, 2008

Ken T. Morikami
Manager
Engineering Department

Mr. Eugene Lee, Director
Department of Design and Construction
City and County of Honolulu
650 South King Street, 11th Floor
Honolulu, HI 96813

Eugene
Dear Mr. Lee:

**Re: Kaloi Substation Project (University of Hawaii West Oahu Campus)
HECO Work Order Number: EE013223**

In accordance with Hawaii Revised Statute 269-27.6(3), Hawaiian Electric Company, Inc. (HECO) is required to check with government agencies or other parties if they are willing to pay for the additional costs of undergrounding the subject lines.

This project involves the installation of two 46kV circuits totaling approximately 27,280 circuit feet (5.16 mile) from steel pole P29 located at the potential intersection of the North-South Road and Roosevelt Avenue to P54A along North-South Road, underbuilt on the existing Waiiau-CIP 138kV Lines, Part 1. The 46kV circuits will then continue underground across North-South Road to the proposed Kaloi Substation located off of Farrington Highway. Refer to attached drawing. The estimated cost for this portion of the project is approximately \$4,882,422.

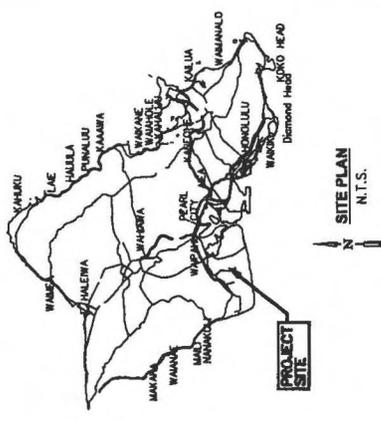
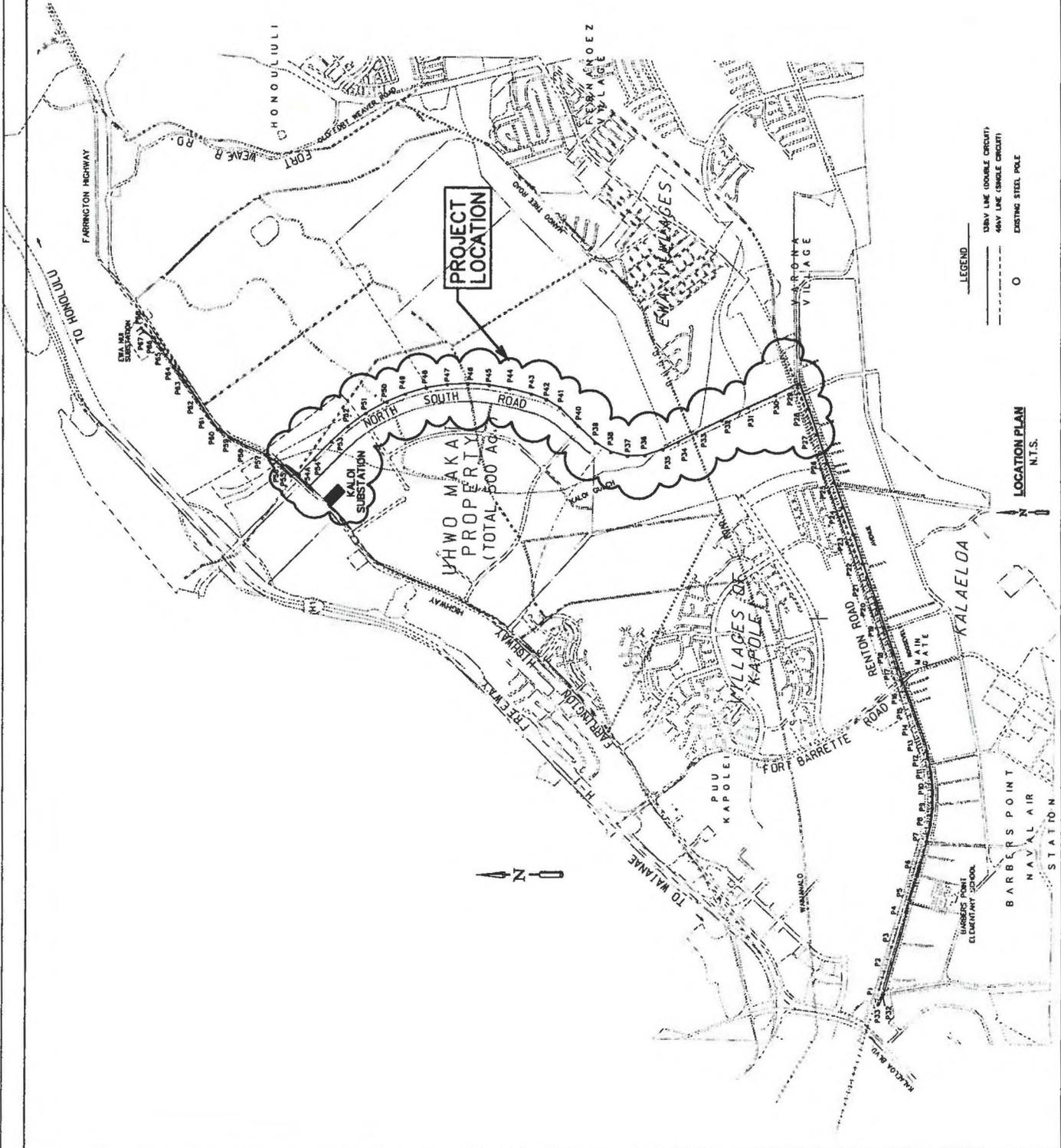
An alternative underground route is being proposed due to restrictions imposed by the State of Hawaii Department of Transportation on future trenching of North-South Road. As such, the alternative underground route will require the installation of one 46kV circuit totaling 15,300 circuit feet through Kapolei town from HECO's existing CEIP Substation to the Kaloi Substation. In addition, a 46kV circuit totaling approximately 9,940 circuit feet will be required from Kamokila Substation to the proposed Kaloi Substation. Refer to the attached drawing. The estimated cost for this underground alternative is approximately \$12,203,912.

Please notify HECO by **April 15, 2008** if the City and County of Honolulu is willing to pay for the additional costs of undergrounding the subject lines.

Thank you for your attention on this matter. Kathy Yonamine is the Project Manager assigned to this project. If you have any questions, please contact her at 543-7194.

Sincerely,

Enclosure



DATE	NO.	DESCRIPTION	BY	CHK'D BY
KALO'I SUBSTATION LAYOUT MAP				
48KV/23KV LINES				
DESIGNED BY	DATE	SCALE		
CHECKED BY				
APPROVAL				
CONSULTING ENGINEER MARITIM ELECTRIC CO., INC. REGISTERED ENGINEER			KEY SHT 1 0	
DATE: 12-19-98 ASB BY 73377-00 GRID: 3254				

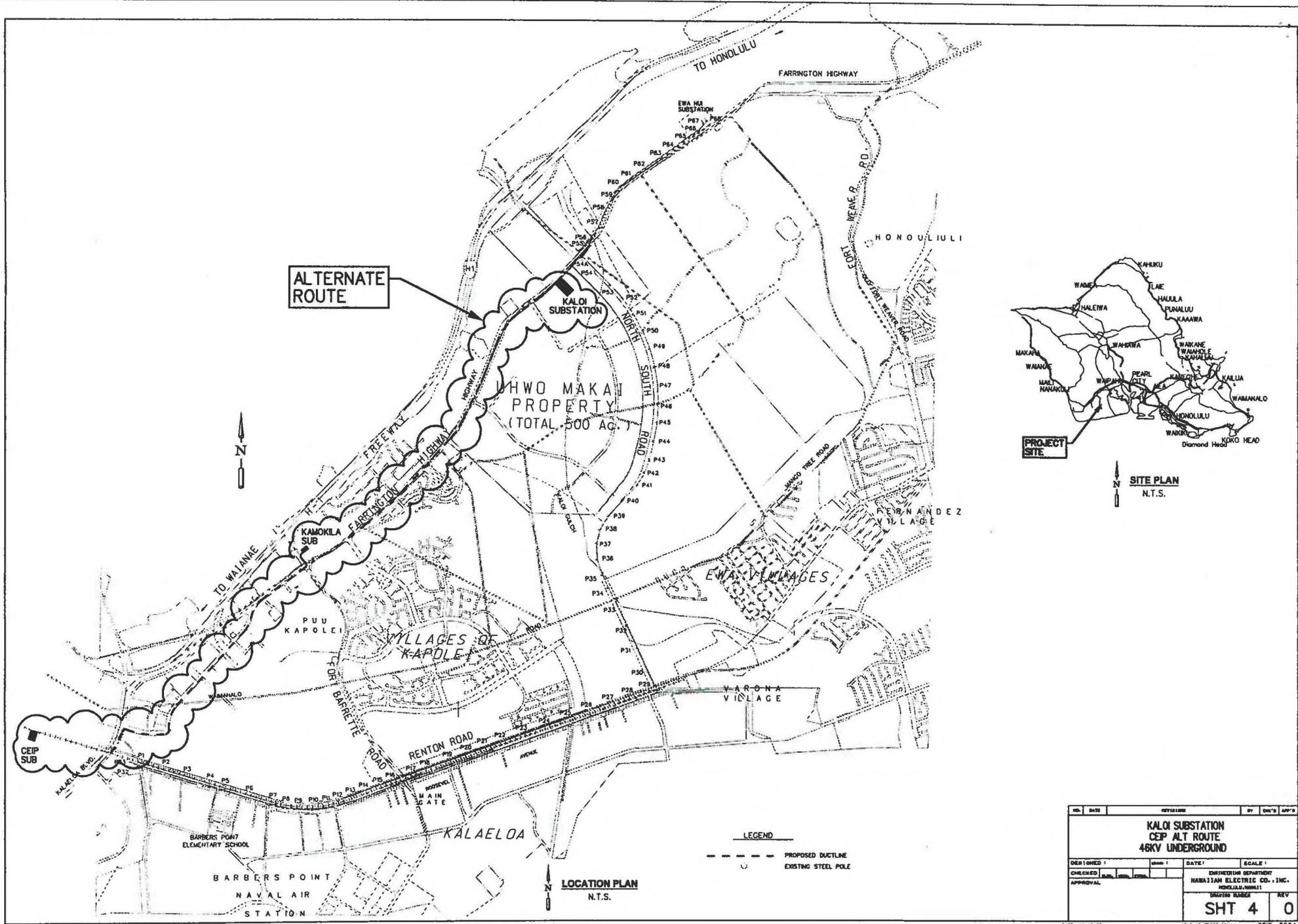
LEGEND

— 138KV LINE (DOUBLE CIRCUIT)

— 48KV LINE (SINGLE CIRCUIT)

○ EXISTING STEEL POLE

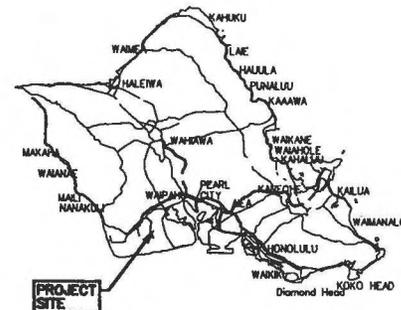
LOCATION PLAN
N.T.S.



ALTERNATE ROUTE

UHWO MAKAI PROPERTY
(TOTAL 500 AC.)

LOCATION PLAN
N.T.S.



SITE PLAN
N.T.S.

LEGEND
 - - - - - PROPOSED DUCTLINE
 O EXISTING STEEL POLE

NO.	DATE	REVISED	BY	CHK'D	APP'D
KALO SUBSTATION CEIP ALT ROUTE 46KV UNDERGROUND					
DESIGNED	DATE	SCALE			
CHECKED	DATE	SCALE			
APPROVAL			DIW/DEPARTMENT HAWAIIAN ELECTRIC CO., INC. HONOLULU, HAWAII		
SHT 4		REV			
0		REV			