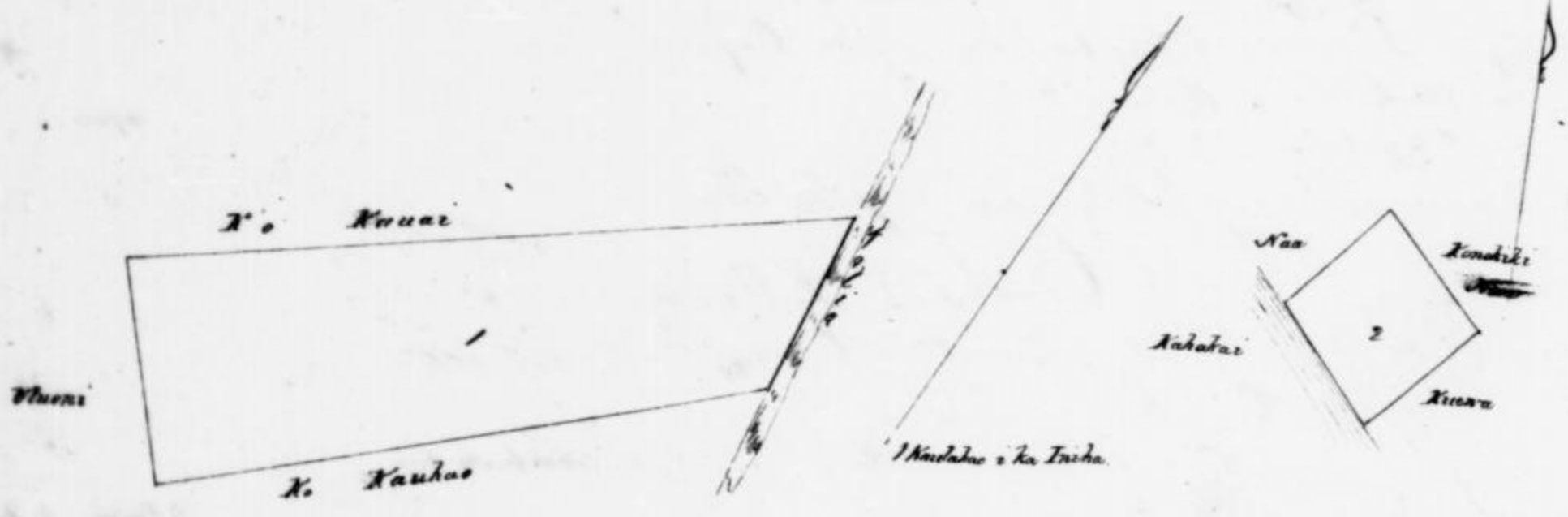


Kama 42° Hikina 128 fauku hiki i ke Kaulaao.
 Akau 44° 30' Hikina 360 " " i ke auwai o Kalio.
 Akau 9° Komohana 110 " - mas kapa auwai a hiki i kahi i komohana i
 Makala 40/100 Eka

J. W. Makalena
 Maia Sepatemaba 10, 1854.

Apaua 2 Ke kahuahala iloko o Komohana, Naitiki, Oahu.
 E hoemaka ma kahi hiki Akau e hiki ana Kama 45° Hikina i 1.60 kbb. ma ka palena ne Honohiki.
 Makala aku Kama 45° Komohana i 1.60 kbb. ma ka palena ne Kaulaao; Makala aku Akau 45° Komohana i 1.60 kbb. ma
 kahakahi. Makala aku Akau 45° Hikina i 1.60 kbb. ma ka palena ne Kaulaao a hiki i ke komohana ana.
 Ke 2, 56 kbb. huinaha.

W. L. Lee



Ukupaioa

W. L. Lee
 G. M. Robertson
 J. W. Smith

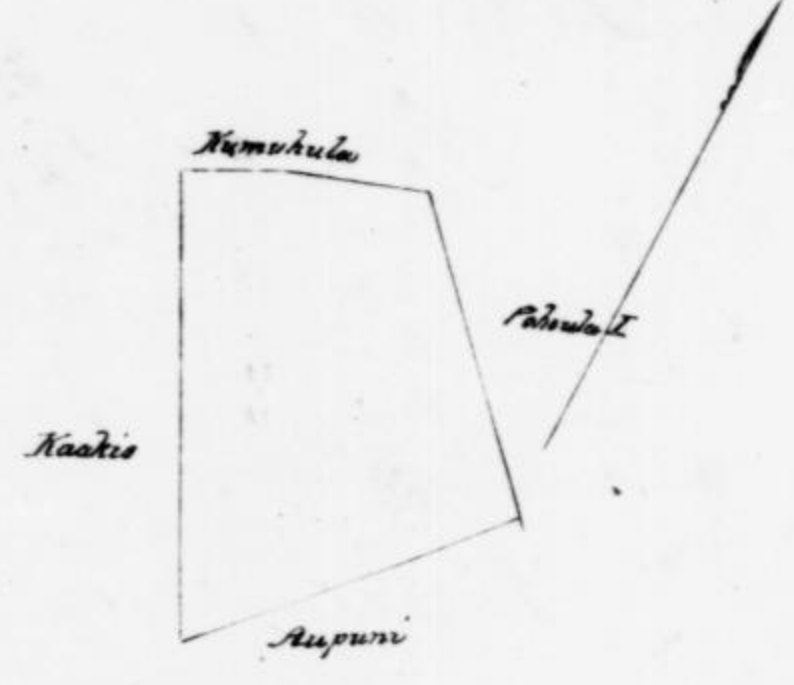
Honolulu Sepatemaba 19, 1854.

J. Kaulaao

Kele 7788 Kaulaao

Lolei Kaupo, Oahu

Kele o Opuaao ma Lolei Kaupo, Oahu.
 E hoemaka ma kahi hiki Kama a e holo
 Akau 41 1/2° Hikina 8.40 Kaulaao ma ke Aupuni
 Akau 42 1/2° Komohana 7.78 " " Iohouka I
 Kama 71° Komohana 4.32 " " Iumukala
 Kama 63 1/2° Komohana 2.80 " " Kaakio
 Kama 28° Hikina 11.00 " " Kaakio
 a hiki ma ke hiki mua 7.32/100 Eka



Makala Augato 21, 1854.

Charles S. Kittredge
 Maia Anai Anai

Ukupaioa

W. L. Lee
 G. M. Robertson
 J. W. Smith

Honolulu Sepatemaba 20, 1854.

J. Kaulaao

Kele 2988 Akau

Manawaimui Kaupo, Oahu

Kele o Kihikahi, Opuaao, Manawaimui, Kaupo, Oahu.
 E hoemaka ma kahi hiki Akau a e holo
 Kama 41° Komohana 4.28 Kaul. ma ke Aupuni
 Kama 38° Hikina 14.90 " " "
 Akau 7° Hikina 12.90 " " "
 a hiki e holo ma ke kapaawai a hiki ma kahi hiki mua. 13 1/2 Eka.

Makala Augato 21, 1854.

Charles S. Kittredge
 Maia Anai Anai