



This sheet and details and specifications as constructed in the

Signature: *Harry C. Lim*
 Date: 11/14/2017

STATIC WATER PRESSURE AT CONNECTION TO EXISTING 4" AND 6" WATERLINE = 79 psi (CONNECTION AT ELEV. = 1677 FT.)

ELEVATION OF LOTS ALONG LOHA STREET = 1600 FT. STATIC WATER SERVICE PRESSURE AT LOHA STREET = 112 psi

NEW PRESSURE REDUCING VALVE ASSY. ELEV. = 1720 FT. FED FROM KING KEKAULIKE TANK AT ELEV. = 1990± FT. INLET PRESSURE (STATIC) = 116 psi OUTLET PRESSURE SETTING = 60 psi

STATIC WATER SERVICE PRESSURE AT LOWEST LOT PAD = 87 psi (LOT 31 AT ELEV. = 1658 FT.)

Parking Bulb Out removed for Projective

New C&G Line

Install Water Meters at new curb location per DWS Detail

- NOTES:
- ALL ROADWAYS WITHIN THE SUBDIVISION WILL BE PRIVATELY OWNED AND MAINTAINED.
 - THE CONTRACTOR SHALL ESTABLISH ON THE HEI/LU/RETENTION BASIN LOT, PERMANENT 60 FOOT WIDE AND 100 FOOT WIDE BUFFER ZONES AROUND THE HEI/LU, WITH A ROCK WALL OF NOT LESS THAN FOUR (4) FEET HIGH DEMARCATING THE PERIMETER OF THE 60 FOOT BUFFER ZONE. THE CONTRACTOR SHALL LANDSCAPE WITH GRASS AND INSTALL THE NECESSARY IRRIGATION LINES IN THE AREA BETWEEN THE 60 FOOT WIDE BUFFER ZONE AND THE PERIMETER OF THE 100 FOOT WIDE BUFFER ZONE. THE CONTRACTOR SHALL INSTALL APPROPRIATE NATIVE PLANTINGS, WITHOUT ANY IRRIGATION LINES, IN THE 60 FOOT WIDE BUFFER ZONE. THE CONTRACTOR SHALL PROHIBIT THE CONSTRUCTION OF ANY STRUCTURES WITHIN THE ENTIRE 100 FOOT BUFFER ZONE, WITH THE EXCEPTION OF THE WALL AROUND THE 60 FOOT BUFFER ZONE AND IRRIGATION LINES IN THE AREA BETWEEN THE 60 FOOT WIDE BUFFER ZONE AND THE PERIMETER OF THE 100 FOOT WIDE BUFFER ZONE TO AID IN THE PRESERVATION OF THE HEI/LU.

BACKFLOW PREVENTER DATA

TAX MAP KEY: (2)2-3-11 : 1 AND 2
 PROJECT NAME: KUALONO SUBDIVISION
 SERVICE ADDRESS: KULA, HAWAII 96768
 TYPE OF DEVICE: REDUCED PRESSURE BACKFLOW PREVENTER
 SIZE/MAKE/MODEL: 1 1/4" FBPCO RP BACKFLOW OR DWS APPROVED EQUAL
 MAX. IRRIGATION DEMAND: 25 G.P.M.

LETTER	DESCRIPTION	DATE
A	New Water Meter Laterals	12/28/16
B	Owner Revised Drainage Plan	6/28/16
C	Remove Southern Retention Basin and Drainage	10/15/08
D	ADDED STANDPIPE & DRAINLINE	1/4/08

WARREN S. UNEMORI ENGINEERING, INC.
 CIVIL & STRUCTURAL ENGINEERS/LAND SURVEYORS
 WELLS STREET PROFESSIONAL CENTER, SUITE 403
 2145 WELLS STREET, WAILUKU, MAUI, HAWAII 96793

KUALONO SUBDIVISION
 Keahua, Kula, Maui, Hawaii

TITLE: SITE PLAN

DESIGNED BY	CKO	CHECKED BY	RMA	DATE	04/04
DRAWN BY	WAN/WIS	APPROVED BY	RMA	JOB NUMBER	2.01
				DATE	6-28-16

SCALE: 1 IN. = 60 FT.

PETITIONER'S EXHIBIT 16

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