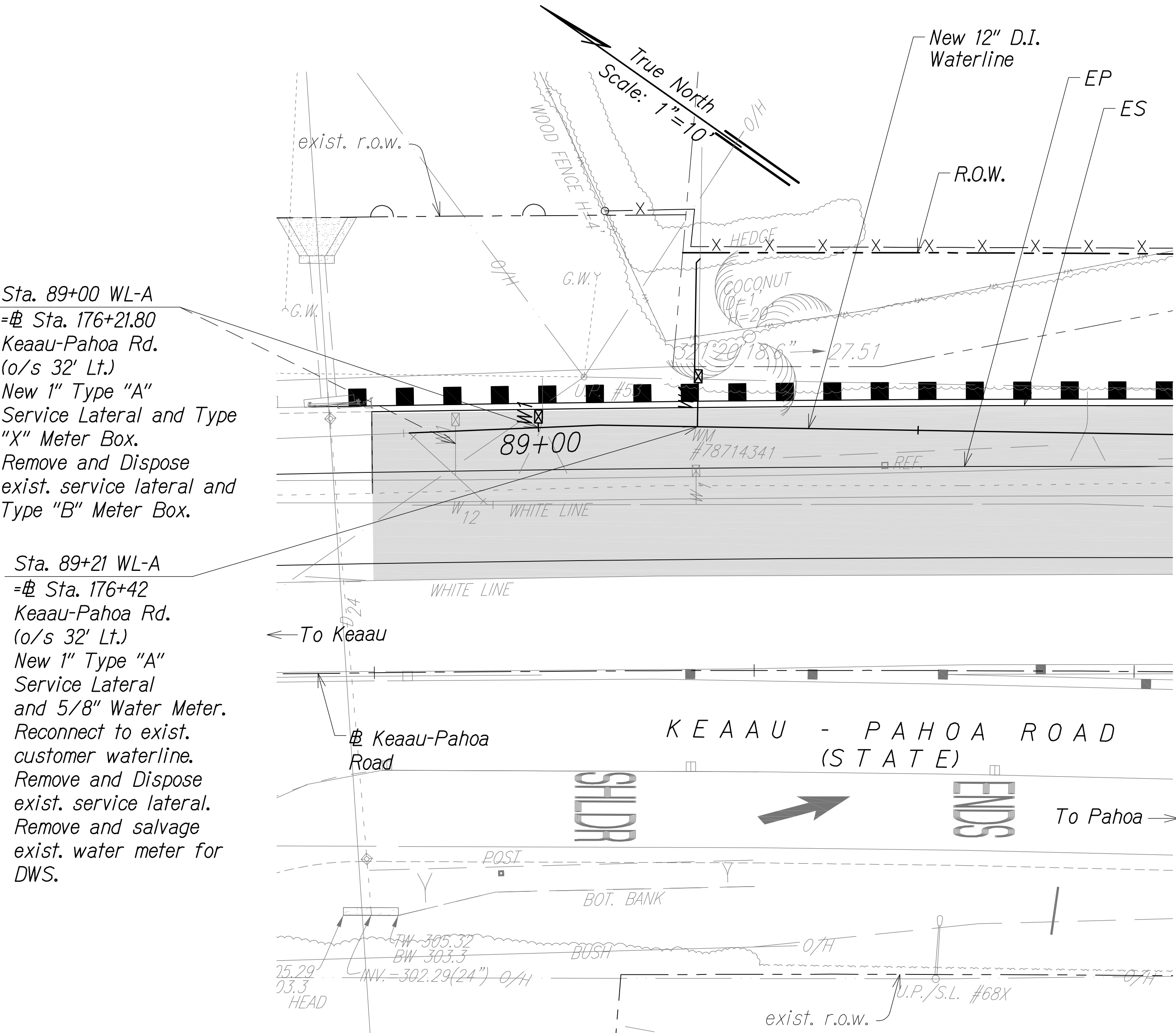




Sta. 89+00 WL-A
= Sta. 176+21.80
Keaau-Pahoa Rd.
(o/s 32' Lt.)
New 1" Type "A"
Service Lateral and Type
"X" Meter Box.
Remove and Dispose
exist. service lateral and
Type "B" Meter Box.

Sta. 89+21 WL-A
= Sta. 176+42
Keaau-Pahoa Rd.
(o/s 32' Lt.)
New 1" Type "A"
Service Lateral
and 5/8" Water Meter.
Reconnect to exist.
customer waterline.
Remove and Dispose
exist. service lateral.
Remove and salvage
exist. water meter for
DWS.

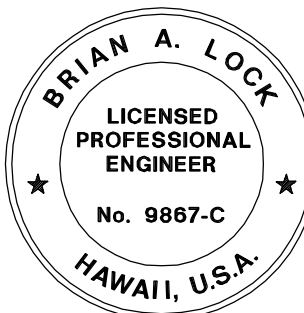
Sta. 89+21 WL-A	
DWS Meter No.	78714341
Account No.	3071170
Consumer	Akiona, Lloyd Jr.
Meter Size	5/8"

LAYOUT PLAN
AT STA. 176+42
Scale: 1" = 10'

APPROVED

Manager-Chief Engineer
Department of Water Supply
County of Hawaii
Date

- NOTES:
- Contractor Shall Verify Exact Location and Size of Water Meters and Service Laterals in the Field. Provide 3'-0" Minimum Cover for Water Service Laterals within DOT Right-of-Way.
 - Contractor Shall be Responsible to Verify the Meter Account Information with the Department of Water Supply for all Accounts Shown on These Construction Plans



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OR UNDER MY SUPERVISION.

APRIL 30, 2018
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

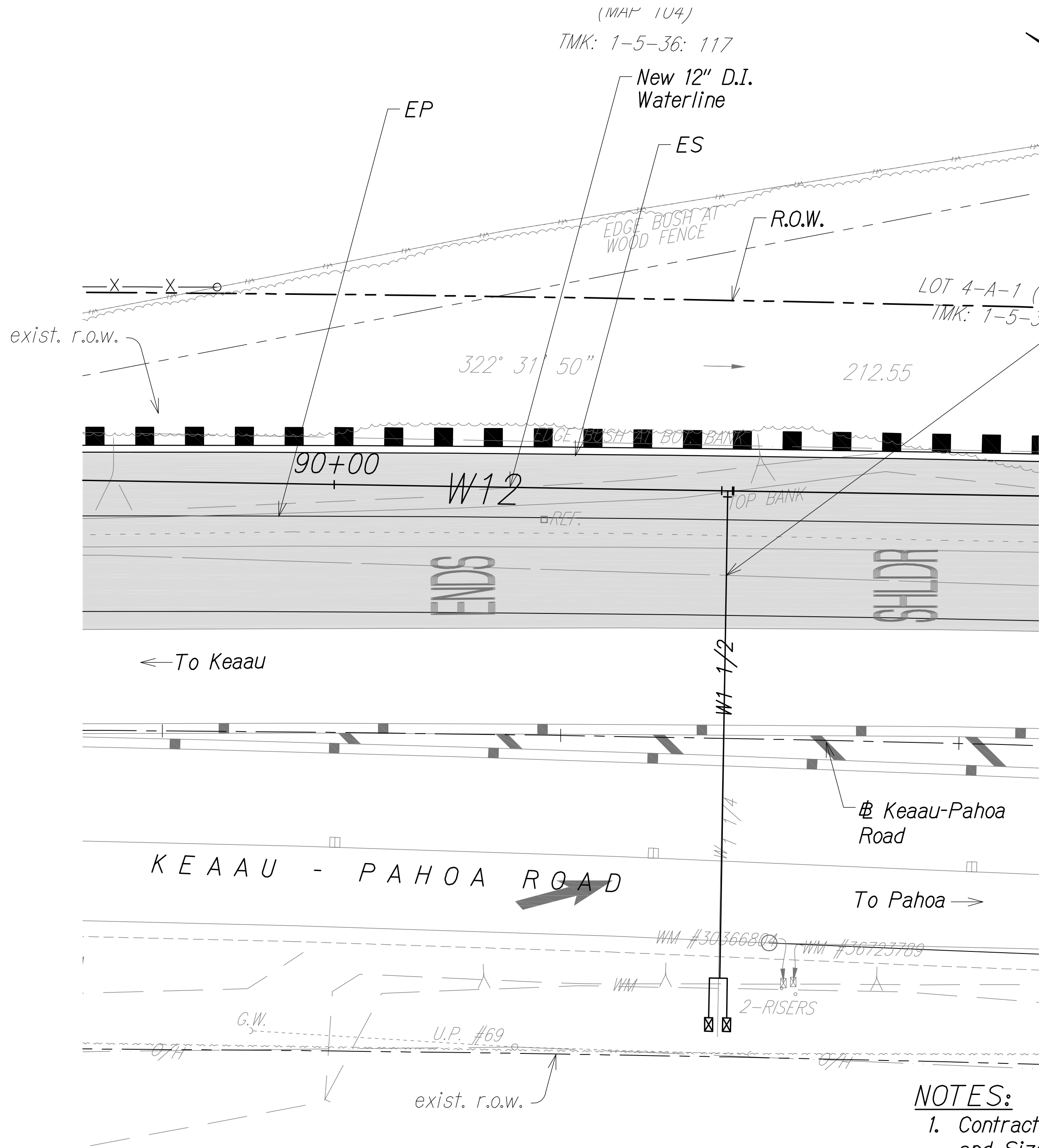
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

UTILITY PLAN

KEAAU-PAHOA ROAD, SHOULDER
LANE CONVERSION, PHASE 2
Shower Drive Intersection Improvements
Fed. Aid Proj. No. STP-0130(33)
Scale: 1" = 10' Date: March 2016

SHEET No. UP-1 OF 4 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
CHECKED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	



Sta. 90+49 WL-A
= Sta. 177+70
Keaau-Pahoa Rd.
(o/s 3' Lt.)
New 1 1/2" Type "C"
Service Lateral and
5/8" Water Meters.
Reconnect to exist.
customer waterlines.
Remove and Dispose
exist. service lateral.
Remove and salvage
exist. water meters for
DWS.

Sta. 91+62 WL-A
= Sta. 178+83
Keaau-Pahoa Rd.
(o/s 33' Lt.)
New 1 1/2" Type "C"
Service Lateral and
5/8" Water Meters.
Reconnect to exist.
customer waterlines.
Remove and Dispose
exist. service lateral.
Remove and salvage
exist. water meters for
DWS

- NOTES:**
- Contractor Shall Verify Exact Location and Size of Water Meters and Service Laterals in the Field. Provide 3'-0" Minimum Cover for Water Service Laterals within DOT Right-of-Way.
 - Contractor Shall be Responsible to Verify the Meter Account Information with the Department of Water Supply for all Accounts Shown on These Construction Plans

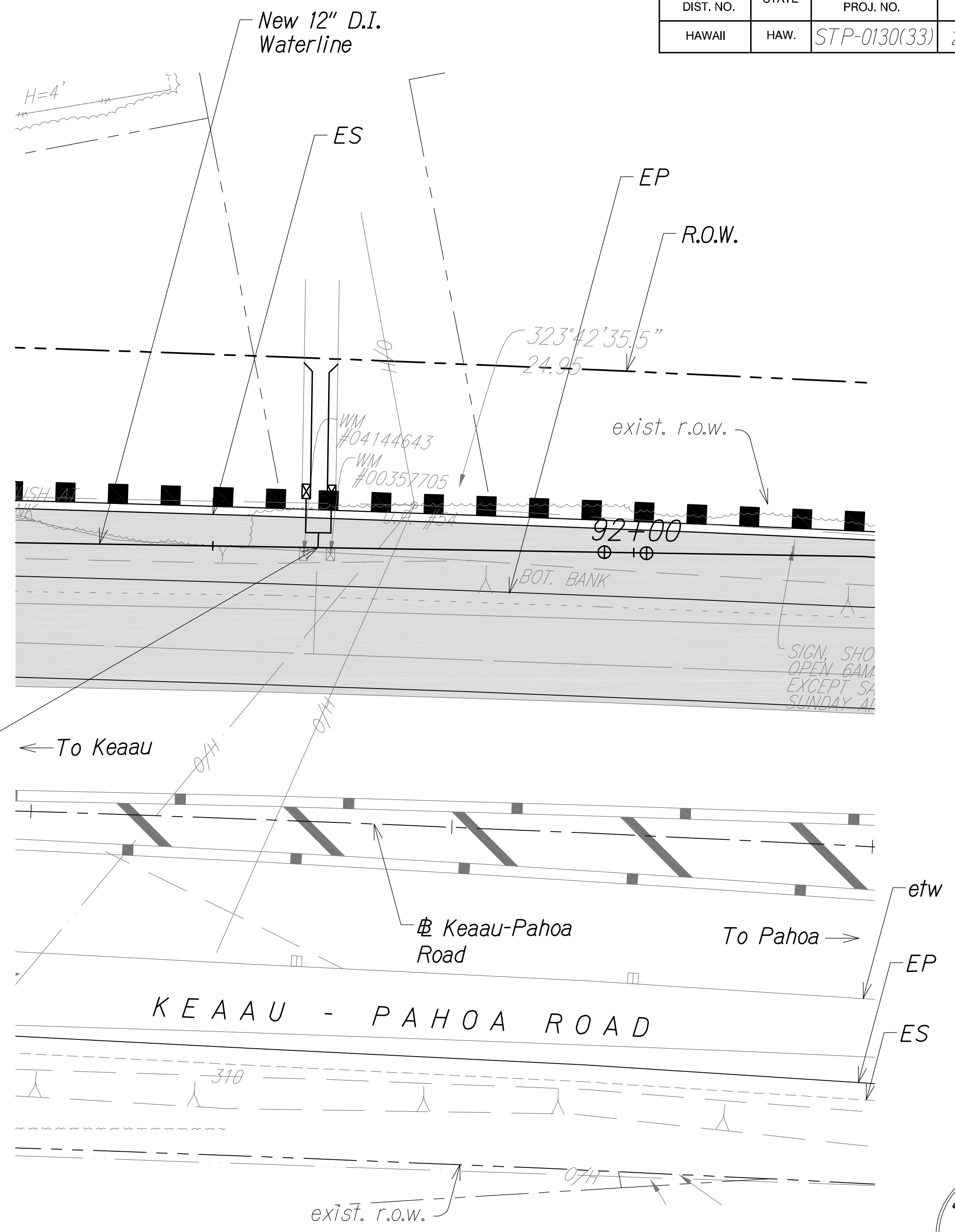
Sta. 90+49 WL-A		
DWS Meter No.	30366804	36723789
Account No.	3001000	3001001
Consumer	Carvalho, Aloha N	Simmons, Charles J
Meter Size	5/8"	5/8"

LAYOUT PLAN
AT STA. 177+70
Scale: 1" = 10'

APPROVED

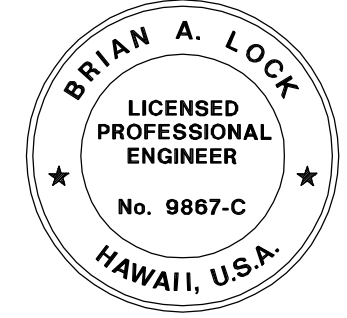
Manager-Chief Engineer
Department of Water Supply
County of Hawaii

Date



Sta. 91+62 WL-A		
DWS Meter No.	357705	4144643
Account No.	3071164	3071165
Consumer	Griffith, Amos R/Robert F	Griffith, Amos R/Robert F
Meter Size	5/8"	5/8"

LAYOUT PLAN
AT STA. 178+83
Scale: 1" = 10'



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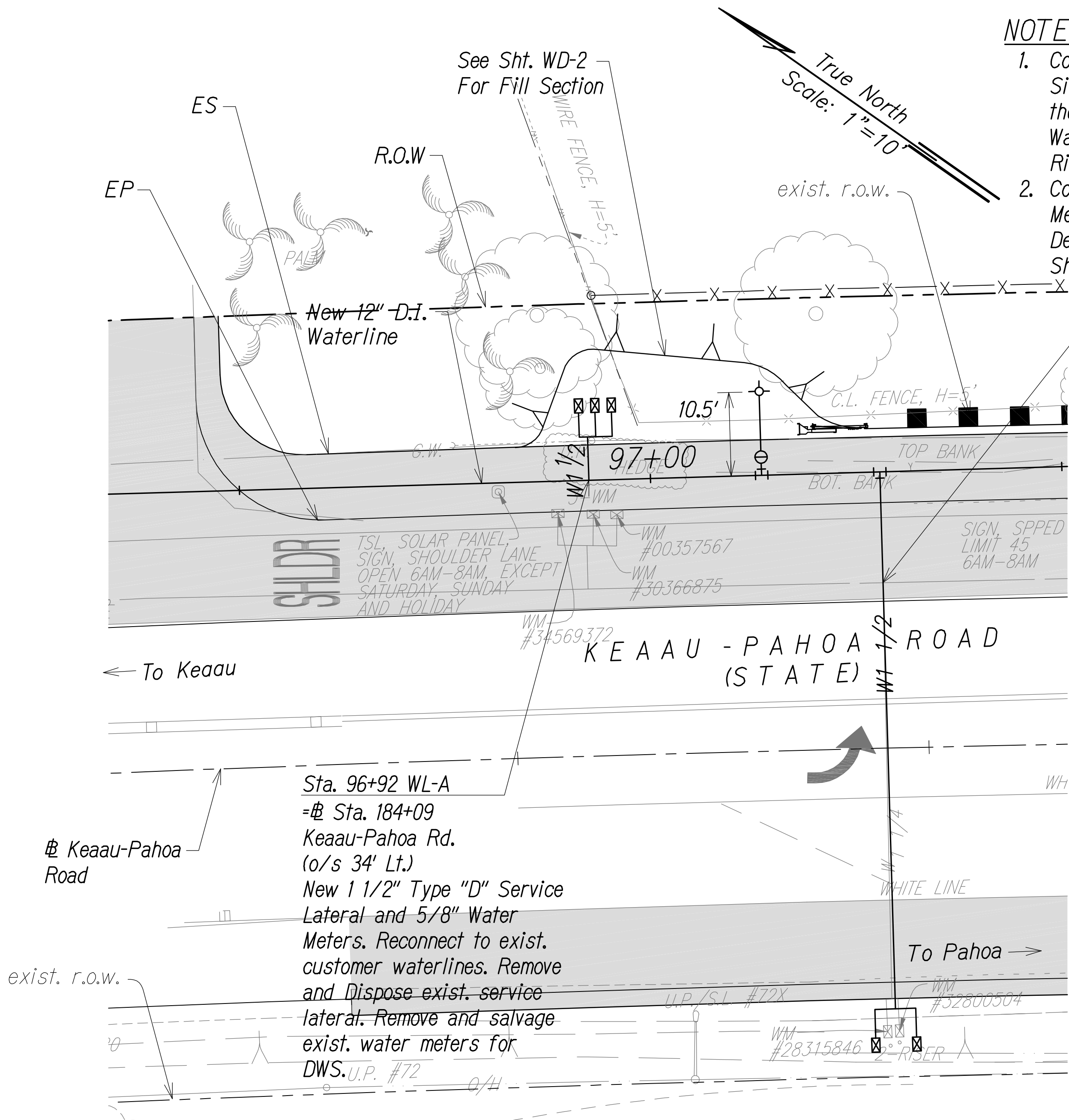
APRIL 30, 2018
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

UTILITY PLAN

KEAAU-PAHOA ROAD, SHOULDER
LANE CONVERSION, PHASE 2
Shower Drive Intersection Improvements
Fed. Aid Proj. No. STP-0130(33)
Scale: 1" = 10' Date: March 2016

SHEET No. UP-2 OF 4 SHEETS



Sta. 96+92 WL-A			
DWS Meter No.	357567	30366875	34569372
Account No.	3071150	3071151	3071155
Consumer	Makino, Malia A	Makino, Kazue	Waltjen, Randal
Meter Size	5/8"	5/8"	5/8"

Sta. 97+28 WL-A		
DWS Meter No.	32800504	28315846
Account No.	3001031	3001030
Consumer	Carvalho, Daniela I	Andres, Estrella R
Meter Size	5/8"	5/8"

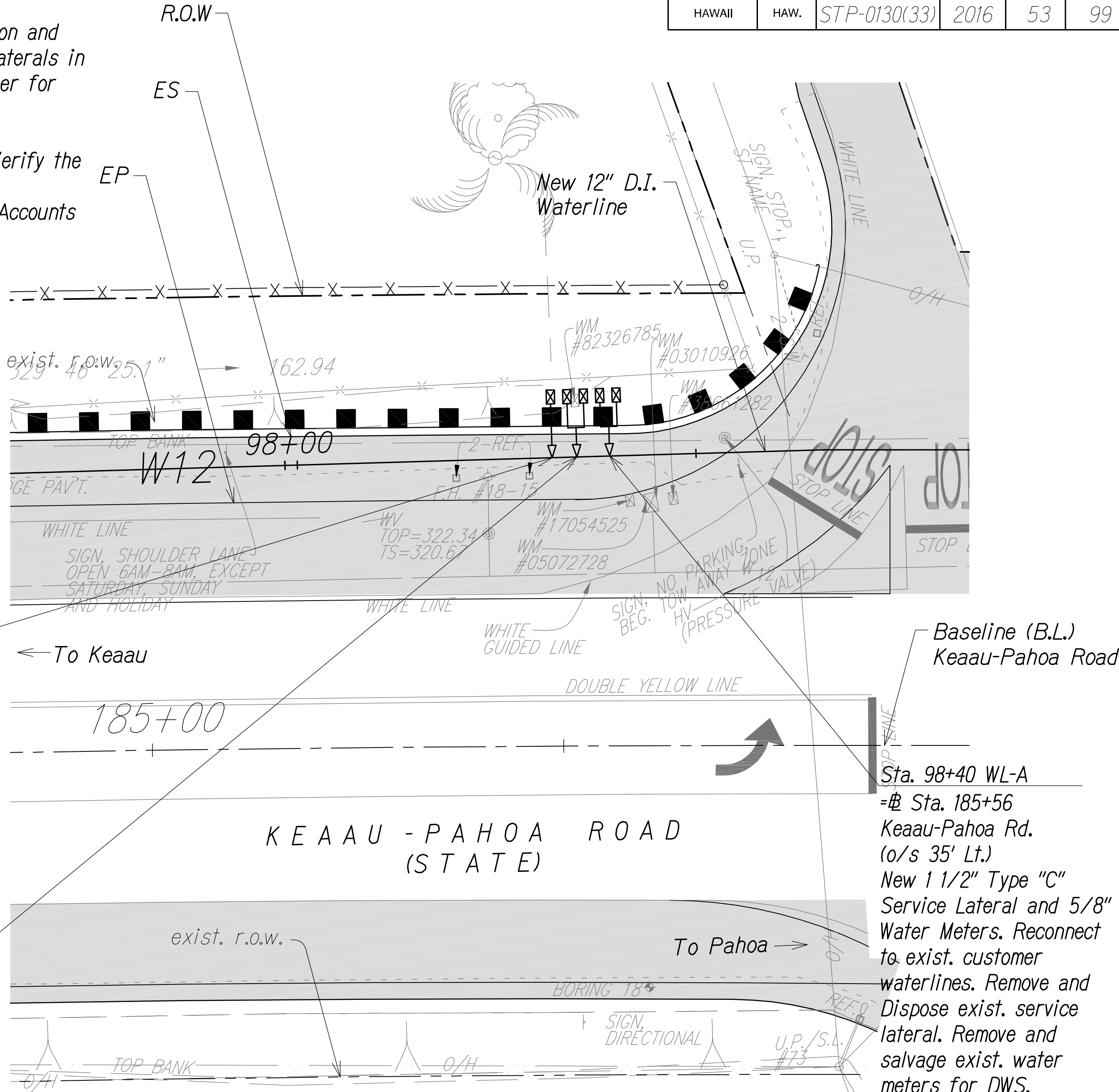
LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

LAYOUT PLAN
AT STA. 184+09 & STA. 184+45
Scale: 1" = 10'

APPROVED

Manager-Chief Engineer
Department of Water Supply
County of Hawaii

Date

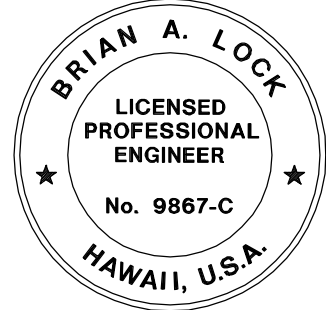


Sta. 98+36 WL-A		
DWS Meter No.	5072728	17054525
Account No.	3071142	3071143
Consumer	Corpuz, Bradley N	Kim, Toby
Meter Size	5/8"	5/8"

Sta. 98+40 WL-A	
DWS Meter No.	38661282
Account No.	3071140
Consumer	Pagay, John M
Meter Size	5/8"

Sta. 98+33 WL-A	
DWS Meter No.	82326785
Account No.	3071145
Consumer	Kobayashi, Mari L
Meter Size	5/8"

LAYOUT PLAN
AT STA. 185+56
Scale: 1" = 10'



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APRIL 30, 2018
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

UTILITY PLAN

KEAAU-PAHOA ROAD, SHOULDER LANE CONVERSION, PHASE 2
Shower Drive Intersection Improvements
Fed. Aid Proj. No. STP-0130(33)
Scale: 1" = 10' Date: March 2016

SHEET No. UP-4 OF 4 SHEETS