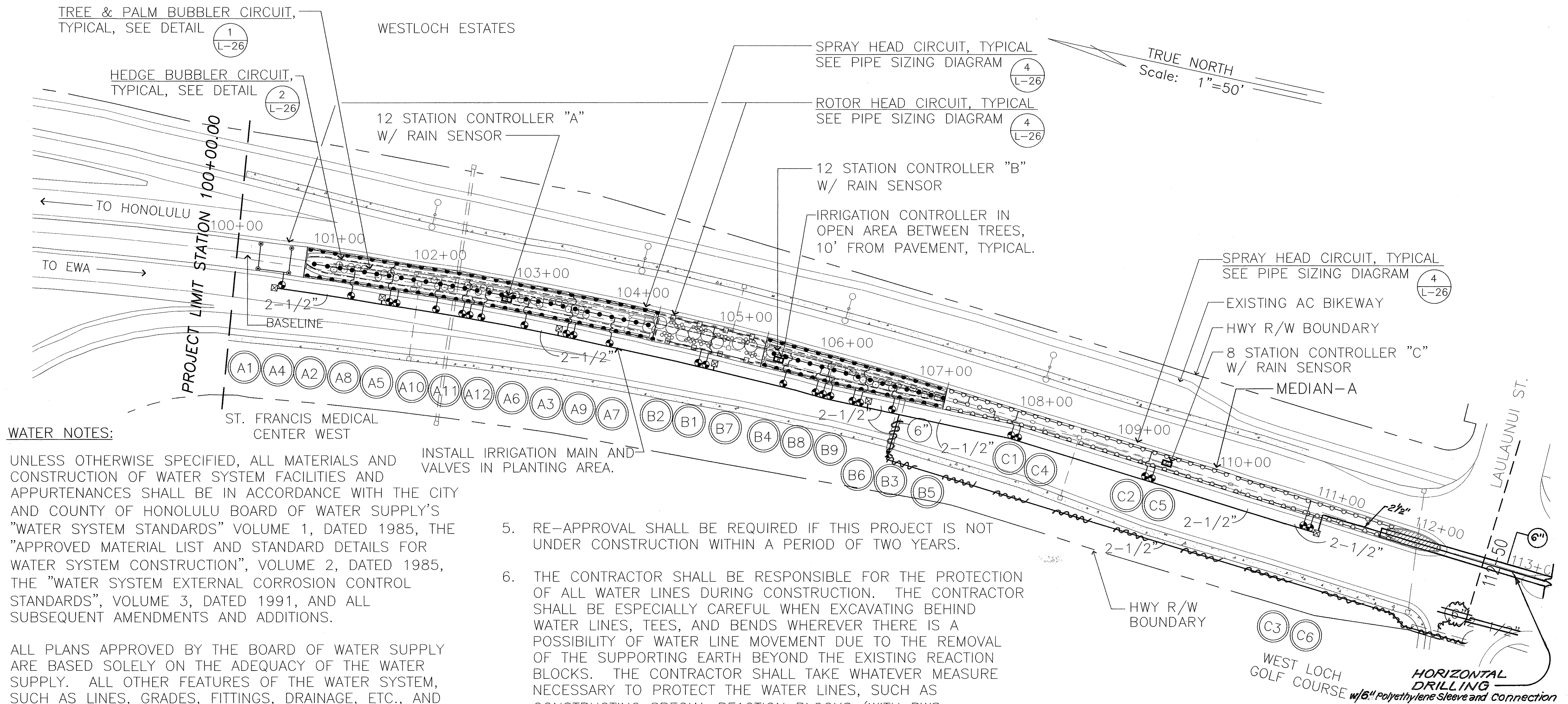


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-076-1(4)	1999	14	31



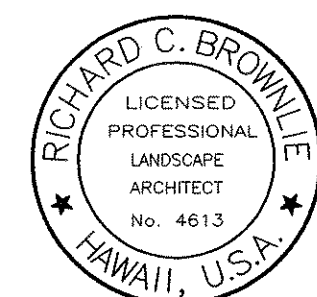
WATER NOTES:

- UNLESS OTHERWISE SPECIFIED, ALL MATERIALS AND CONSTRUCTION OF WATER SYSTEM FACILITIES AND APPURTENANCES SHALL BE IN ACCORDANCE WITH THE CITY AND COUNTY OF HONOLULU BOARD OF WATER SUPPLY'S "WATER SYSTEM STANDARDS" VOLUME 1, DATED 1985, THE "APPROVED MATERIAL LIST AND STANDARD DETAILS FOR WATER SYSTEM CONSTRUCTION", VOLUME 2, DATED 1985, THE "WATER SYSTEM EXTERNAL CORROSION CONTROL STANDARDS", VOLUME 3, DATED 1991, AND ALL SUBSEQUENT AMENDMENTS AND ADDITIONS.
- ALL PLANS APPROVED BY THE BOARD OF WATER SUPPLY ARE BASED SOLELY ON THE ADEQUACY OF THE WATER SUPPLY. ALL OTHER FEATURES OF THE WATER SYSTEM, SUCH AS LINES, GRADES, FITTINGS, DRAINAGE, ETC., AND OTHER FEATURES OF IMPROVEMENTS SHALL NOT BE THE RESPONSIBILITY OF THE BOARD OF WATER SUPPLY.
- THE CONTRACTOR SHALL NOTIFY BWS PLANNING AND ENGINEERING DIVISION, CONSTRUCTION SECTION, ONE WEEK PRIOR TO COMMENCING WORK ON THE WATER SYSTEM.
- THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES AND STRUCTURES AS SHOWN ON THE PLANS ARE FROM THE LATEST AVAILABLE DATA BUT IS NOT GUARANTEED AS TO THE ACCURACY OF ENCOUNTERING OF OTHER OBSTACLES DURING THE COURSE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE AND PAY FOR ALL DAMAGES TO EXISTING UTILITIES. THE CONTRACTOR SHALL NOT ASSUME THAT WHERE NO UTILITIES ARE SHOWN, THAT NONE EXIST.

INSTALL IRRIGATION MAIN AND VALVES IN PLANTING AREA.

- RE-APPROVAL SHALL BE REQUIRED IF THIS PROJECT IS NOT UNDER CONSTRUCTION WITHIN A PERIOD OF TWO YEARS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL WATER LINES DURING CONSTRUCTION. THE CONTRACTOR SHALL BE ESPECIALLY CAREFUL WHEN EXCAVATING BEHIND WATER LINES, TEES, AND BENDS WHEREVER THERE IS A POSSIBILITY OF WATER LINE MOVEMENT DUE TO THE REMOVAL OF THE SUPPORTING EARTH BEYOND THE EXISTING REACTION BLOCKS. THE CONTRACTOR SHALL TAKE WHATEVER MEASURE NECESSARY TO PROTECT THE WATER LINES, SUCH AS CONSTRUCTING SPECIAL REACTION BLOCKS (WITH BWS APPROVAL) AND/OR MODIFYING HIS CONSTRUCTION METHOD.
- PRIOR TO ANY EXCAVATING, THE CONTRACTOR SHALL VERIFY IN THE FIELD THE LOCATION OF EXISTING WATER MAINS AND APPURTENANCES.
- NEW METERS TO BE INSTALLED BY BWS SHALL BE ISSUED FOR TEMPORARY USE ONLY. A WATER ALLOCATION FROM STATE DLNR IS REQUIRED PRIOR TO ISSUANCES OF METERS FOR PERMANENT USE.
- TEMPORARY IRRIGATION DEMAND FOR 1 YEAR PLANT ESTABLISHMENT PERIOD: 88,000 GPD
- PERMANENT IRRIGATION DEMAND: 62,000 GPD

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
DESIGNED BY		
NOTED BY		
CHECKED BY		
NO.		



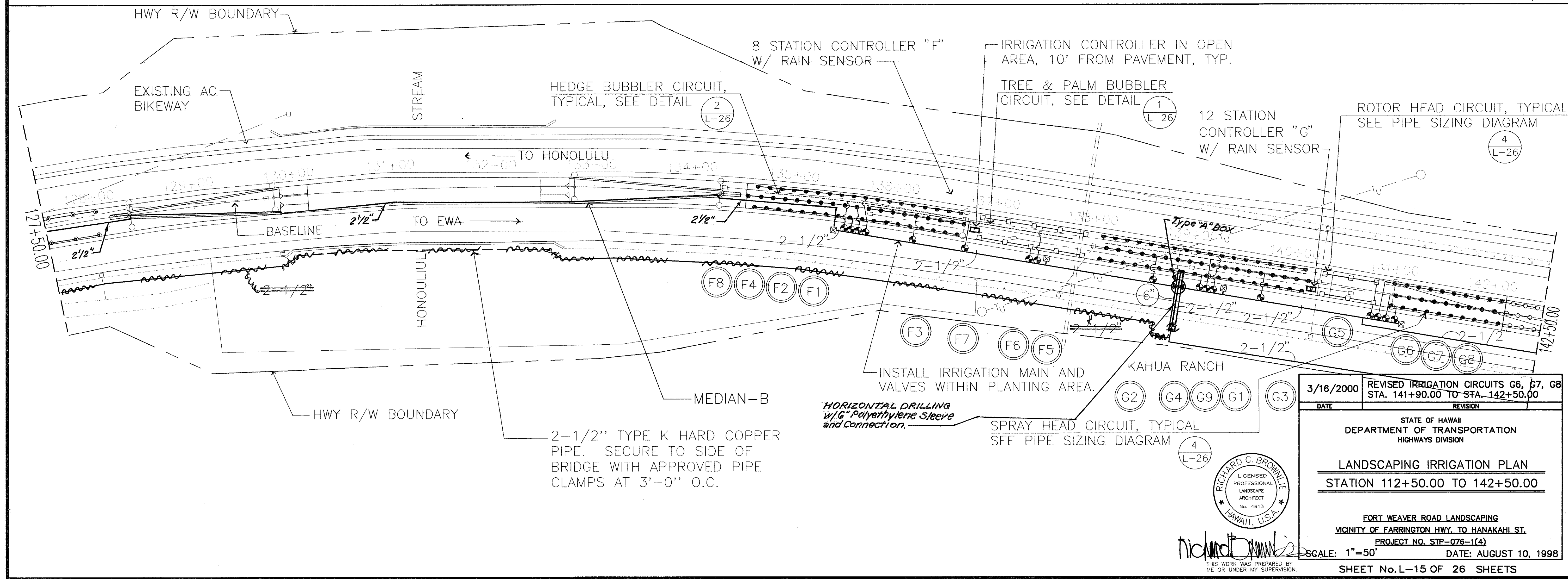
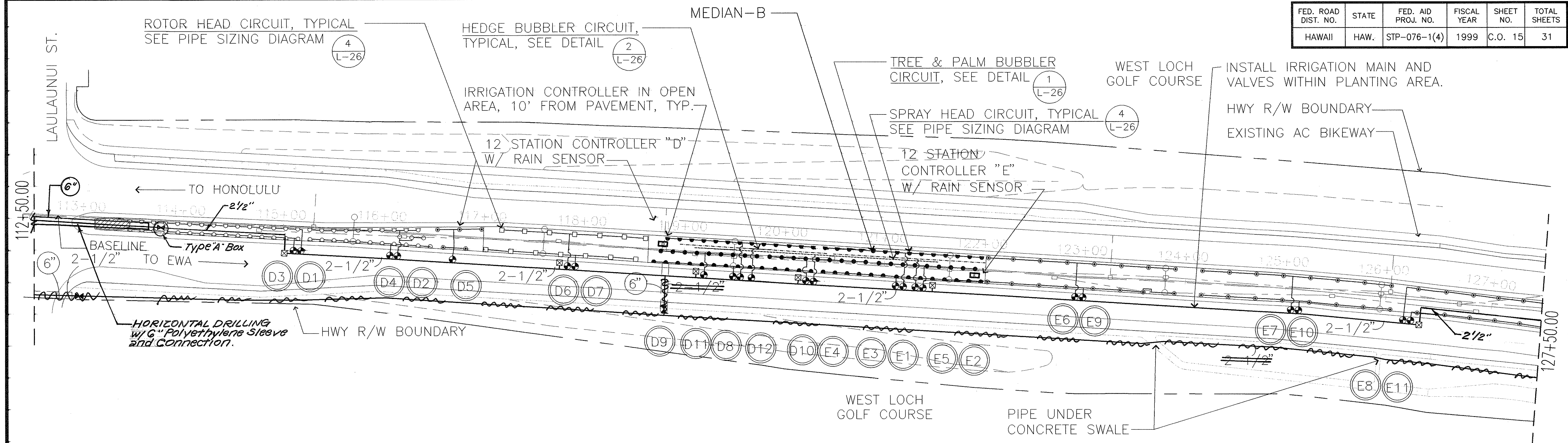
Richard C. Brownlie
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

APPROVED:
Michael H. 8/10/98
CHIEF PLANNING AND ENGINEERING, BWS DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
LANDSCAPING IRRIGATION PLAN
STATION 100+00.00 TO 112+50.00
FORT WEAVER ROAD LANDSCAPING
VICINITY OF FARRINGTON HWY. TO HANAKAHI ST.
PROJECT NO. STP-076-1(4)
SCALE: 1"= 50' DATE: AUGUST 10, 1998
SHEET No. L-14 OF 26 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-076-1(4)	1999	C.O. 15	31



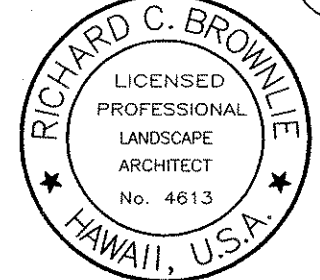
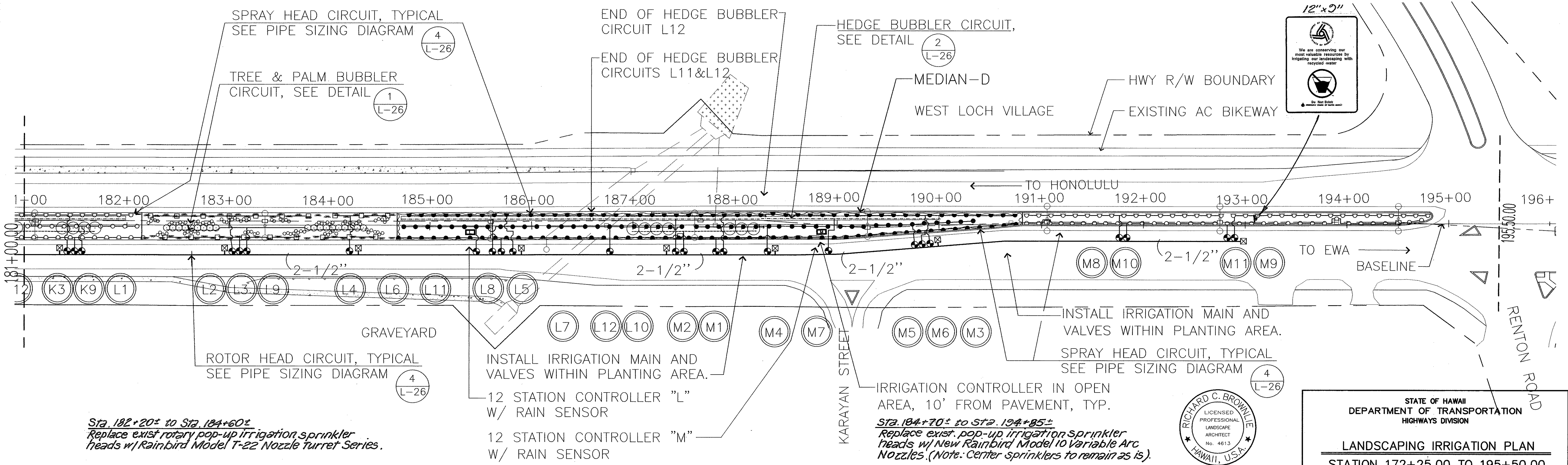
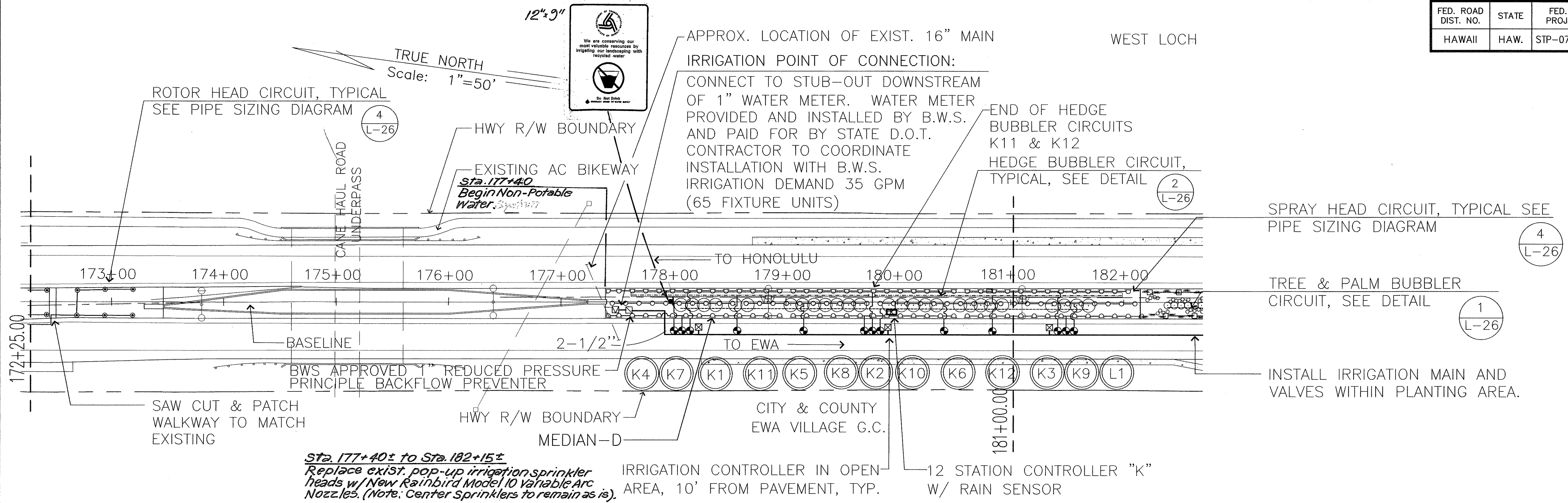
ORIGINAL PLAN
DATE: _____
DRAWN BY: _____
CHECKED BY: _____
NOTE BOOK
QUANTITIES BY: _____
No. _____

DATE/TIME

P: \96\800\DWGS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-076-1(4)	1999	17	31



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LANDSCAPING IRRIGATION PLAN
STATION 172+25.00 TO 195+50.00

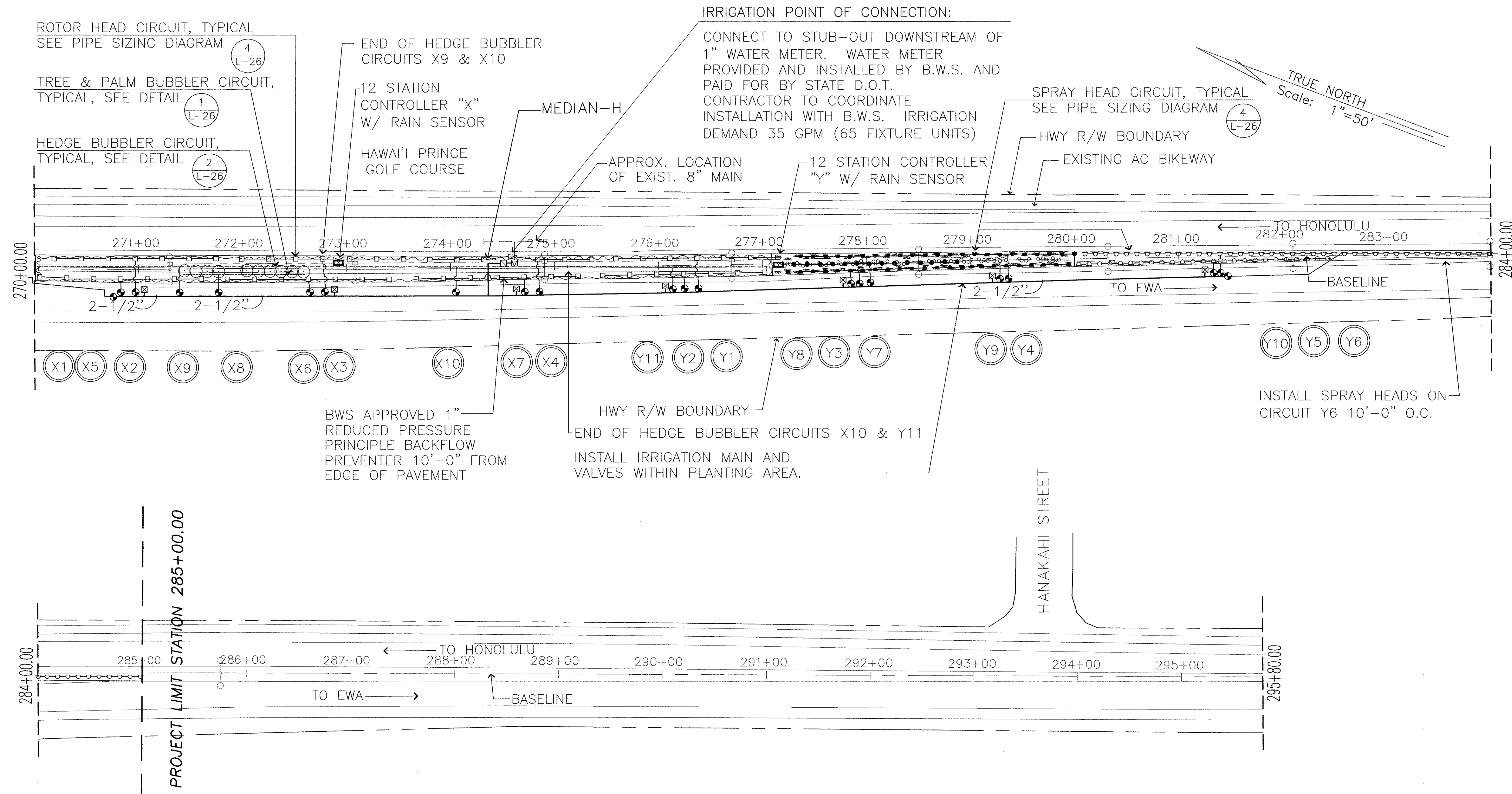
FORT WEAVER ROAD LANDSCAPING
VICINITY OF FARRINGTON HWY. TO HANAKAHI ST.
PROJECT NO. STP-076-1(4)

SCALE: 1"= 50' DATE: AUGUST 10, 1998

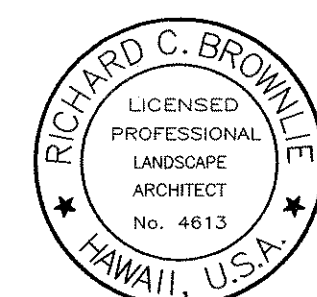
SHEET No. L-17 OF 26 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-076-1(4)	1999	21	31



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
No.	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

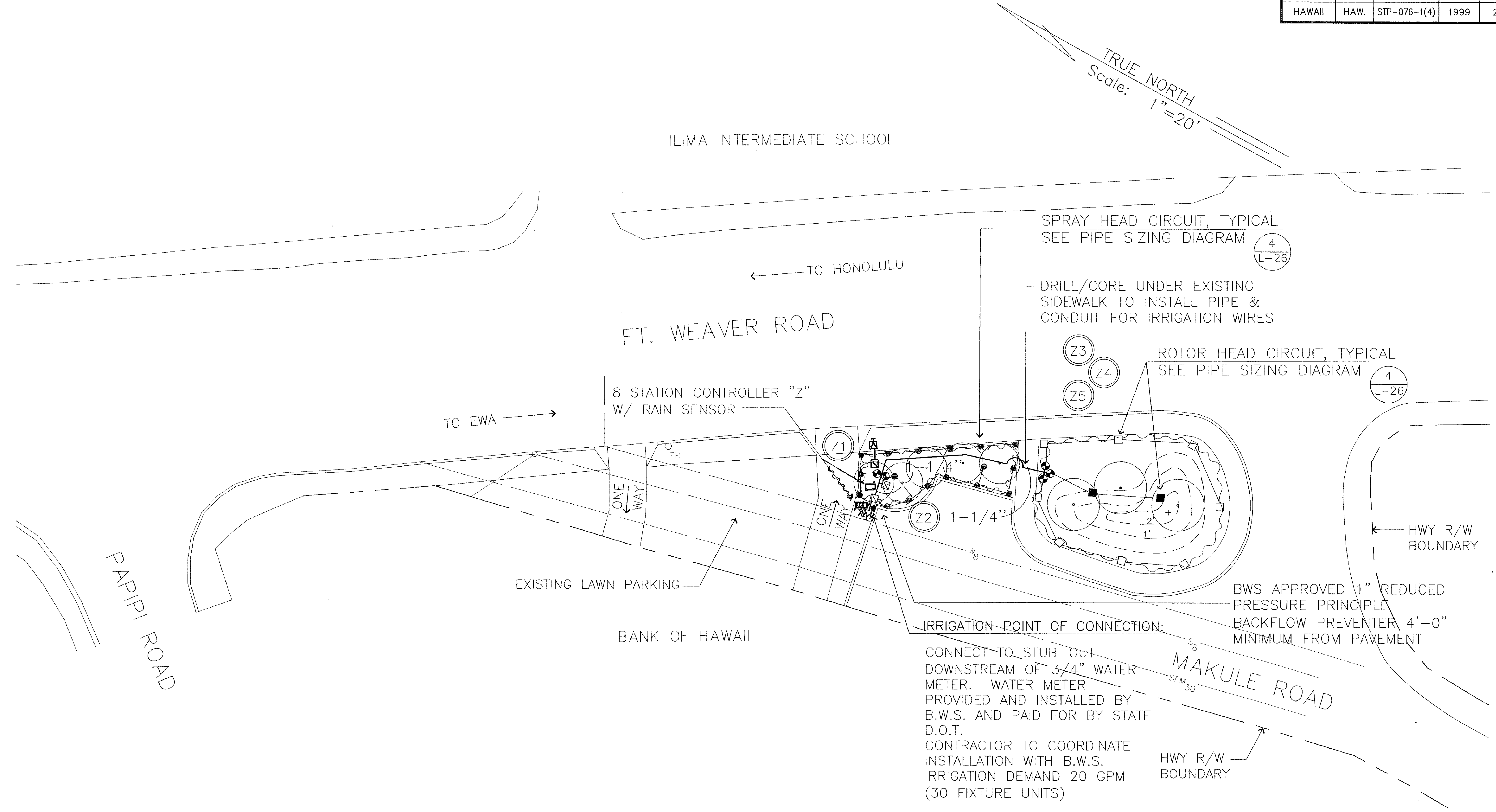
LANDSCAPING IRRIGATION PLAN
STATION 270+00.00 TO 285+00.00

FORT WEAVER ROAD LANDSCAPING
VICINITY OF FARRINGTON HWY. TO HANAKAHI ST.
PROJECT NO. STP-076-1(4)

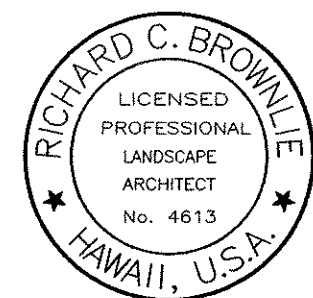
SCALE: 1" = 50' DATE: AUGUST 10, 1998

SHEET No. L-21 OF 31 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-076-1(4)	1999	22	31



SURVEY PLOTTED BY _____ DATE _____
 ORIGINAL PLAN _____
 NOTE BOOK _____
 DESIGNED BY _____
 QUANTITIES BY _____
 CHECKED BY _____
 No. _____



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STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

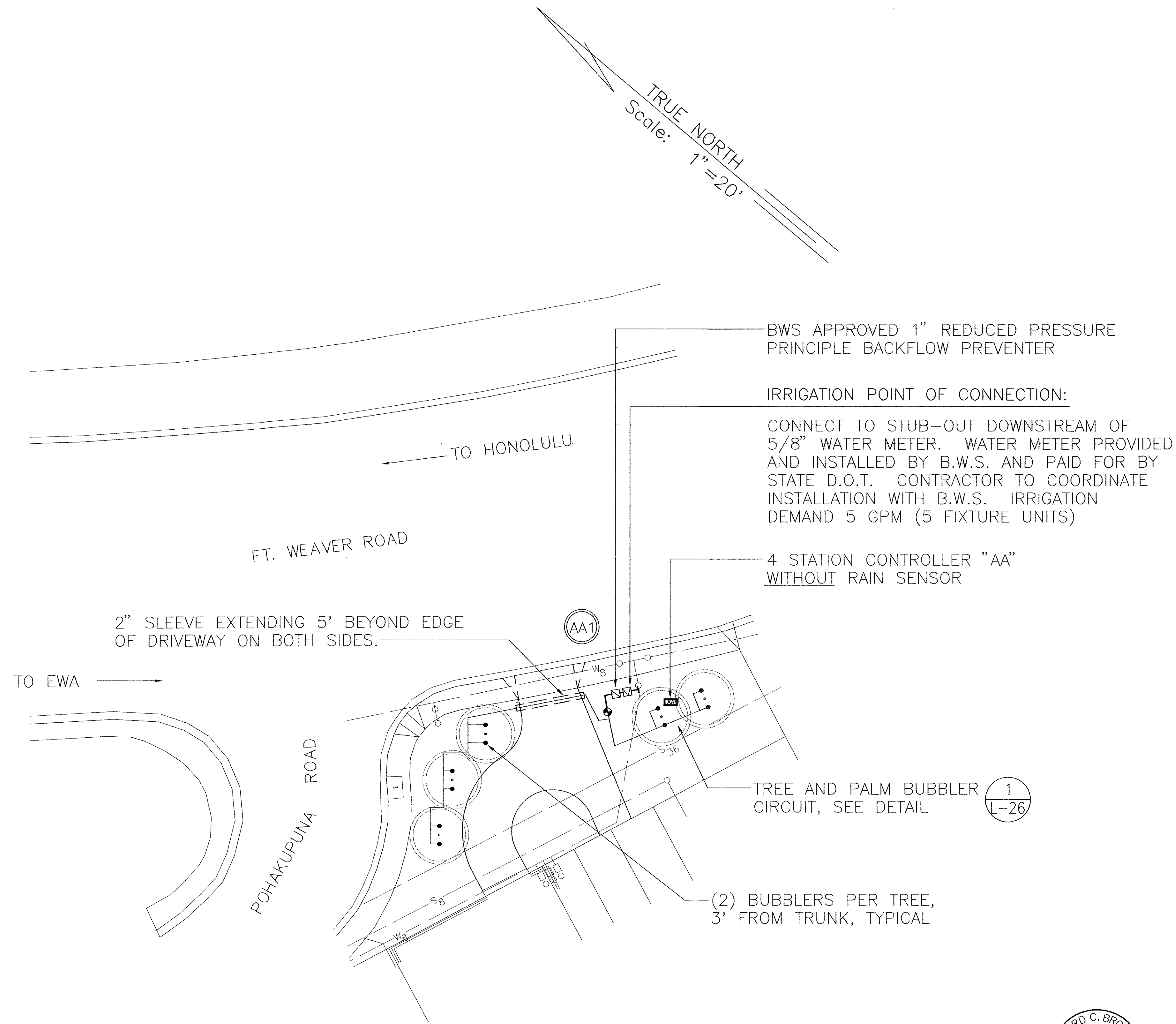
LANDSCAPING IRRIGATION PLAN
PAPII RD. TO MAKULE RD. INTER.

FORT WEAVER ROAD LANDSCAPING
 VICINITY OF FARRINGTON HWY. TO HANAKAHI ST.
 PROJECT NO. STP-076-1(4)

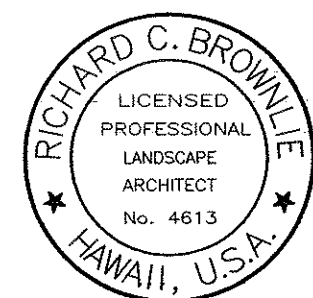
SCALE: 1" = 20' DATE: AUGUST 10, 1998
 SHEET No. L-22 OF 26 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-076-1(4)	1999	C.O. 23	31



ORIGINAL	SURVEY PLOTTED BY	DATE
PLAN	DRAWN BY	"
NOTE BOOK	DESIGNED BY	"
QUANTITIES BY	CHECKED BY	"
No.		



Richard C. Brown
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ME OR UNDER MY SUPERVISION.

2/22/2000	REVISED DRIVEWAY AND IRRIGATION SYSTEM
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
LANDSCAPING IRRIGATION PLAN POHAKUPUNA RD. TO PARISH DR.	
FORT WEAVER ROAD LANDSCAPING VICINITY OF FARRINGTON HWY. TO HANAKAHI ST. PROJECT NO. STP-076-1(4)	
SCALE: 1"= 20'	DATE: FEB. 22, 2000
SHEET No. L-23 OF 26 SHEETS	