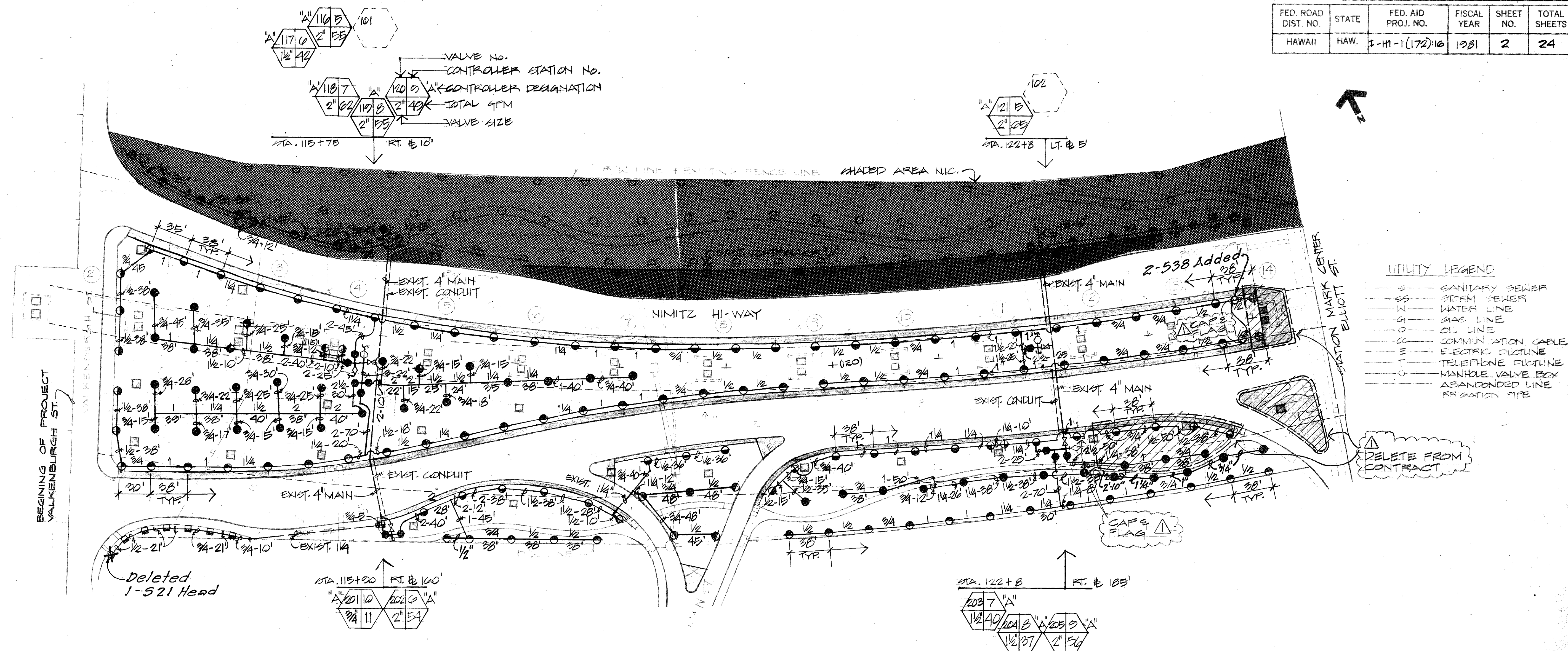
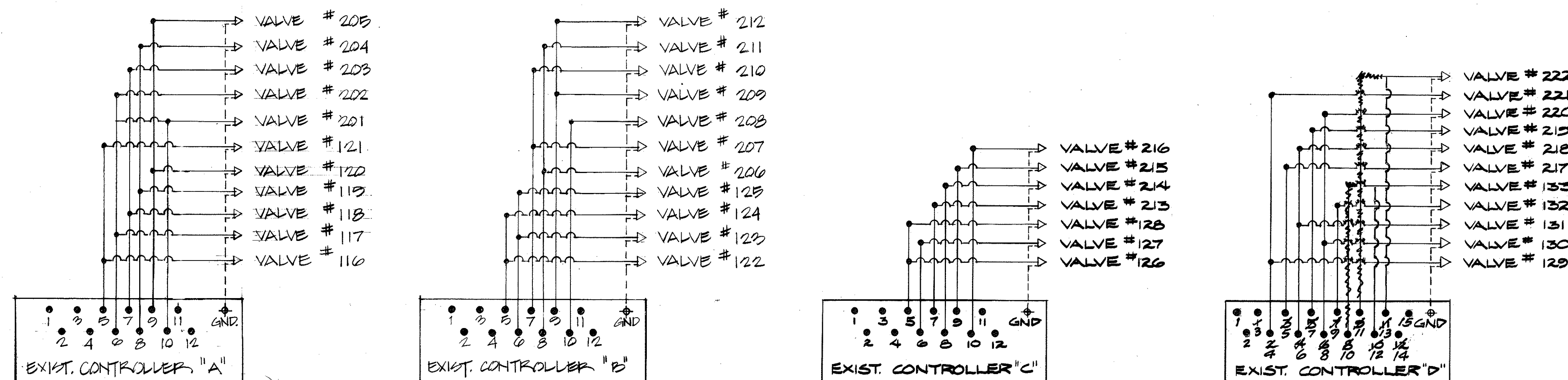


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H1-1(172):16	1981	2	24



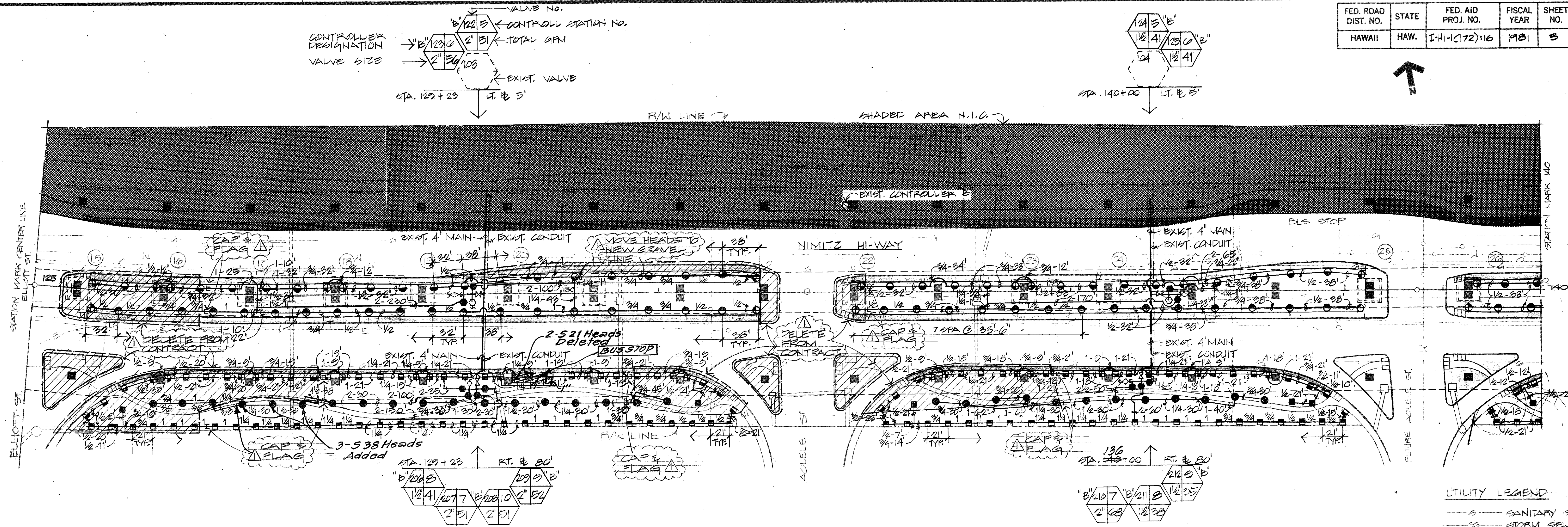
PARTIAL IRRIGATION PLAN
SCALE: 1" = 50'



WIRING DIAGRAMS FOR IRRIGATION CONTROLLERS

DATE	8/29/82	REVISION	DELETE PART OF IRRIGATION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION LAND TRANSPORTATION FACILITIES DIVISION PARTIAL IRRIGATION PLAN & WIRING DIAGRAM AIRPORT INTERCHANGE ROADWAY LANDSCAPING F.A.I. PROJ. NO. I-H1-1(172):16 SCALE: AS SHOWN DATE: 8-31-1981 SHEET NO. L-1 OF 24 SHEETS			

Signature: *McK. J. [unclear]*



PARTIAL IRRIGATION PLAN
SCALE: 1" = 50'

DAILY WATERING: START - 11 P.M. & 1 A.M.				
TOTAL TIME: 50 MIN.				5,210
10	201	6-21	0	60
9	203	6-38	10	560
	120			490
8	204	6-38	10	370
	117			350
7	203	6-38	10	400
	118			620
6	202	6-38	10	540
	117			420
5	121	6-38	10	650
	116			550
STATION NO.	VALVE NO.	SPRINKLER	TIME MINUTES	TOTAL GAL.
IRRIGATION CONTROLLER "A"				

DAILY WATERING: START - 12 & 2 A.M.				
TOTAL TIME: 52 MIN.				4,580
10	208	6-38	10	510
9	212	6-21	0	210
	209			312
8	211	6-21	0	228
	206			244
7	210	6-38	10	680
	207			510
6	123	6-38	10	410
	123			560
5	124	6-38	10	410
	122			510
STATION NO.	VALVE NO.	SPRINKLER	TIME MINUTES	TOTAL GAL.
IRRIGATION CONTROLLER "B"				

DAILY WATERING: START - 3 & 5 A.M.				
TOTAL TIME: 42 MIN.				2,880
10	216	6-38	10	490
8	214	6-21	0	42
7	213	6-21	0	288
9	215	6-38	10	450
6	127	6-38	10	510
5	128	6-38	10	540
	126			560
STATION NO.	VALVE NO.	SPRINKLER	TIME MINUTES	TOTAL GAL.
IRRIGATION CONTROLLER "C"				

DAILY WATERING: START - 3 & 5 A.M.				
TOTAL TIME: 50 MIN.				3,341
13	222	6-21	0	270
12	133	6-38	10	510
9	132	6-38	10	510
8	220	6-21	0	108
	130			102
7	219	6-12	4	96
6	218	6-38	10	510
	131			210
5	217	6-12	3	105
4	221	6-38	10	290
	129			540
STATION NO.	VALVE NO.	SPRINKLER	TIME MINUTES	TOTAL GAL.
IRRIGATION CONTROLLER "D"				

IRRIGATION CONTROLLER SCHEDULES

8/24/82
DATE

DELETE PART OF IRRIGATION
REVISION

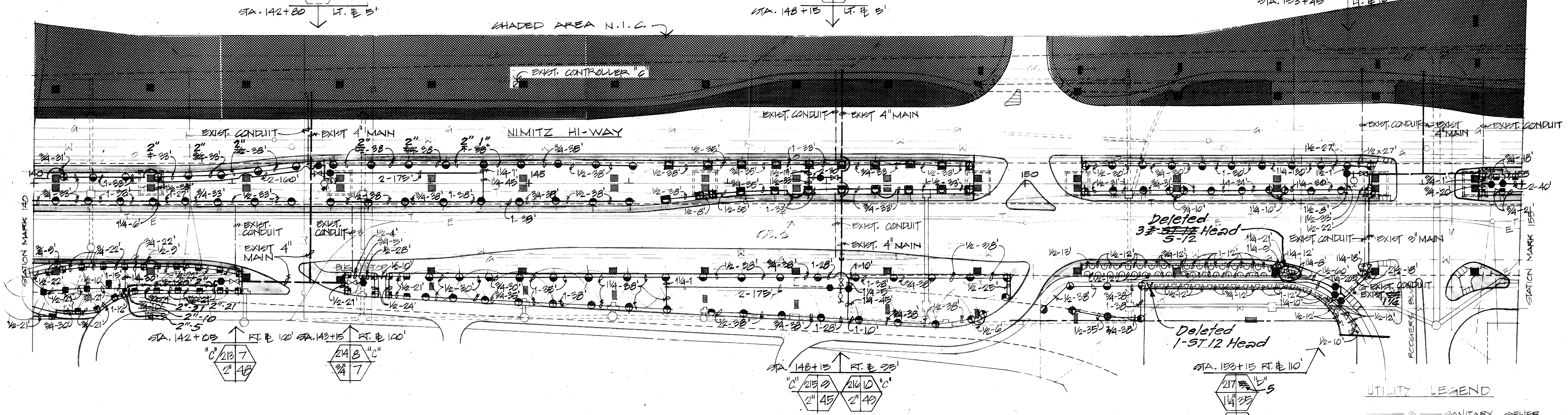
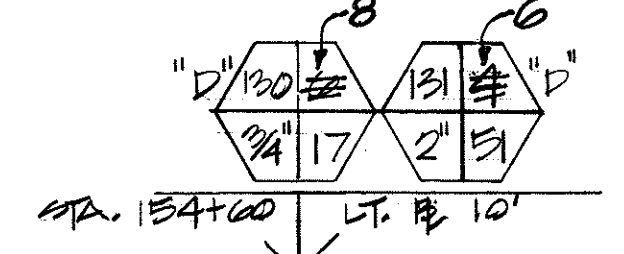
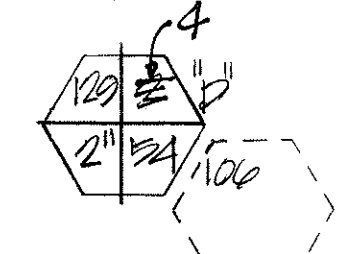
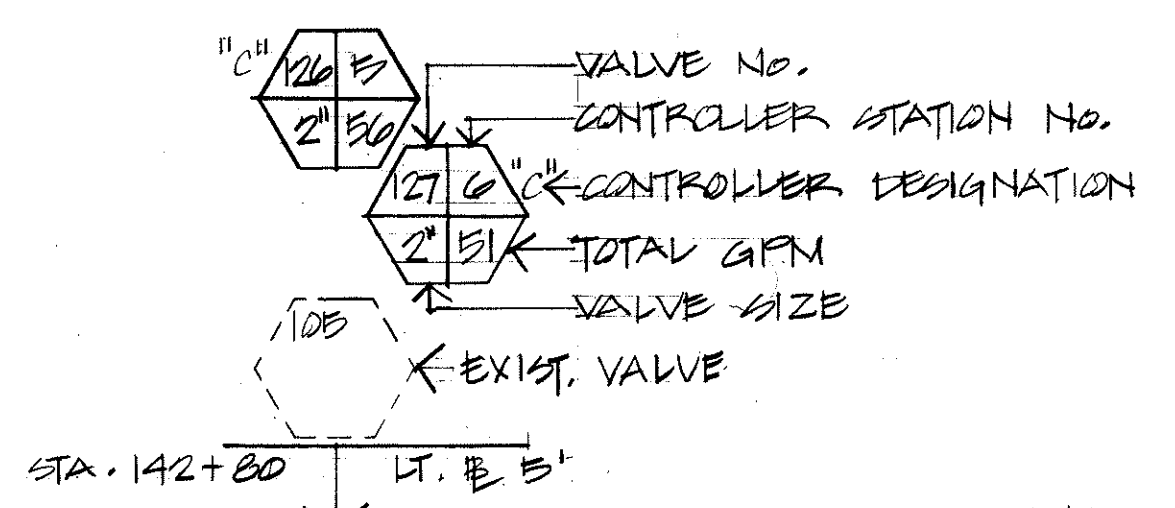
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

PARTIAL IRRIGATION PLAN
& CONTROLLER SCHEDULES
AIRPORT INTERCHANGE
ROADWAY LANDSCAPING
F.A.I. PROJ. NO. I-HI-1(172):16
SCALE: AS SHOWN DATE 8-31-1981

MLP, Inc.

SHEET No. 5 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(172)16	1981	4	24



PARTIAL IRRIGATION PLAN
SCALE: 1" = 50'

- UTILITY LEGEND**
- S — SANITARY SEWER
 - SS — STORM SEWER
 - W — WATER LINE
 - G — GAS LINE
 - O — OIL LINE
 - C — COMMUNICATION CABLE
 - E — ELECTRIC DUCTLINE
 - T — TELEPHONE DUCTLINE
 - M — MANHOLE, VALVE BOX
 - — — ABANDONED LINE
 - — — IRRIGATION PIPE

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

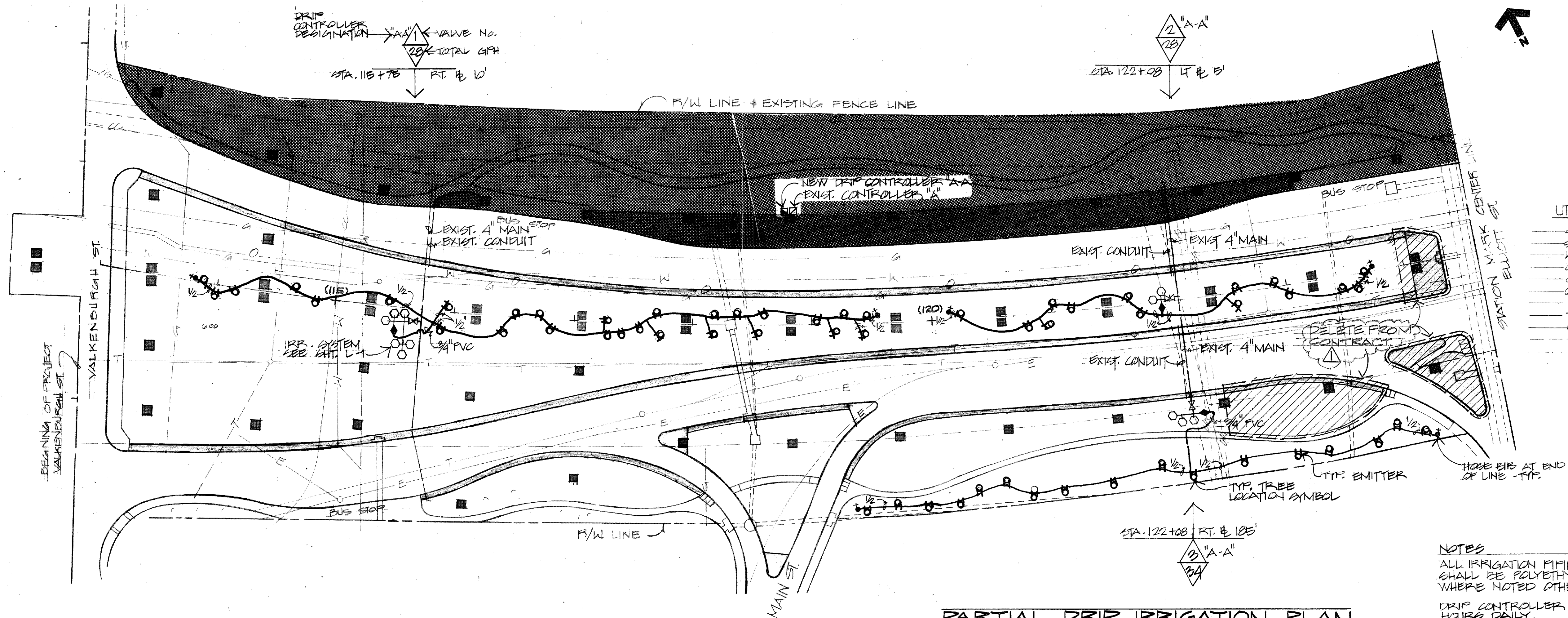
PARTIAL IRRIGATION PLAN

AIRPORT INTERCHANGE
ROADWAY LANDSCAPING
F.A.I. PROJ. NO. I-HI-1(172)16
SCALE: AS SHOWN DATE: 8-31-1981

SHEET NO. L-3 OF 24 SHEETS

Signature: *Mr. K. I. Sun*

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(172)16	1981	6	24



UTILITY LEGEND

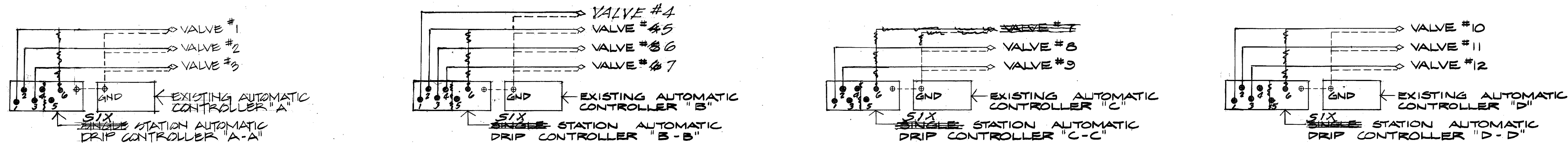
S	SANITARY SEWER
SS	STORM SEWER
W	WATER LINE
G	GAS LINE
O	OIL LINE
CC	COMMUNICATION CABLE
E	ELECTRIC DUCTING
T	TELEPHONE PIPING
○	MANHOLE VALVE BOX
---	ABANDONED LINE
---	IRRIGATION PIPE

NOTES

ALL IRRIGATION PIPING FOR DRIP SYSTEM ONLY SHALL BE POLYETHYLENE TUBING EXCEPT WHERE NOTED OTHERWISE.

DRIP CONTROLLER SHALL BE SET TO RUN 8 HOURS DAILY.

PARTIAL DRIP IRRIGATION PLAN
SCALE: 1" = 50'



WIRING DIAGRAMS FOR ALL DRIP CONTROLLERS
NO SCALE

DAILY WATERING: START 6 A.M.

DRIP SYSTEMS	TOTAL NO. EMITTERS	PRESSURE SETTING	HOURS PER DAY	TOTAL GAL. PER DAY
1 THRU 12	434	25 PSI	8	3,952

DRIP IRRIGATION PROGRAM

DATE	8/24/82	INDICATING DELETED AREAS
DATE		REVISION



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Melvin K. Lau
Signature

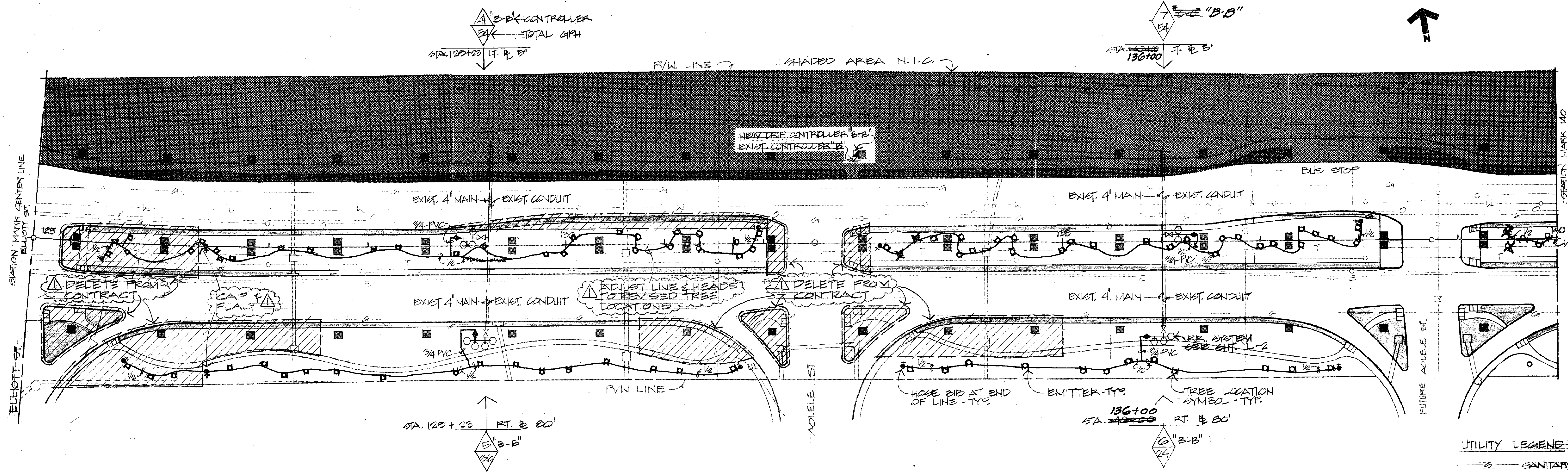
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

PARTIAL DRIP IRRIGATION PLAN

AIRPORT INTERCHANGE
ROADWAY LANDSCAPING
F.A.I. PROJ. NO. I-HI-1(172)16
SCALE AS SHOWN DATE: 8-31-1981

SHEET No. L-5 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(172):16	1981	7	24



PARTIAL DRIP IRRIGATION PLAN
SCALE: 1" = 50'

UTILITY LEGEND

S	SANITARY SEWER
SS	STORM SEWER
W	WATER LINE
G	GAS LINE
O	OIL LINE
CC	COMMUNICATION CABLE
E	ELECTRIC DUCTLINE
T	TELEPHONE DUCTLINE
○	MANHOLE VALVE BOX
---	ABANDONED LINE
---	IRRIGATION PIPE

DATE	
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	

8/24/82	DELETE PART OF IRRIGATION
DATE	REVISION

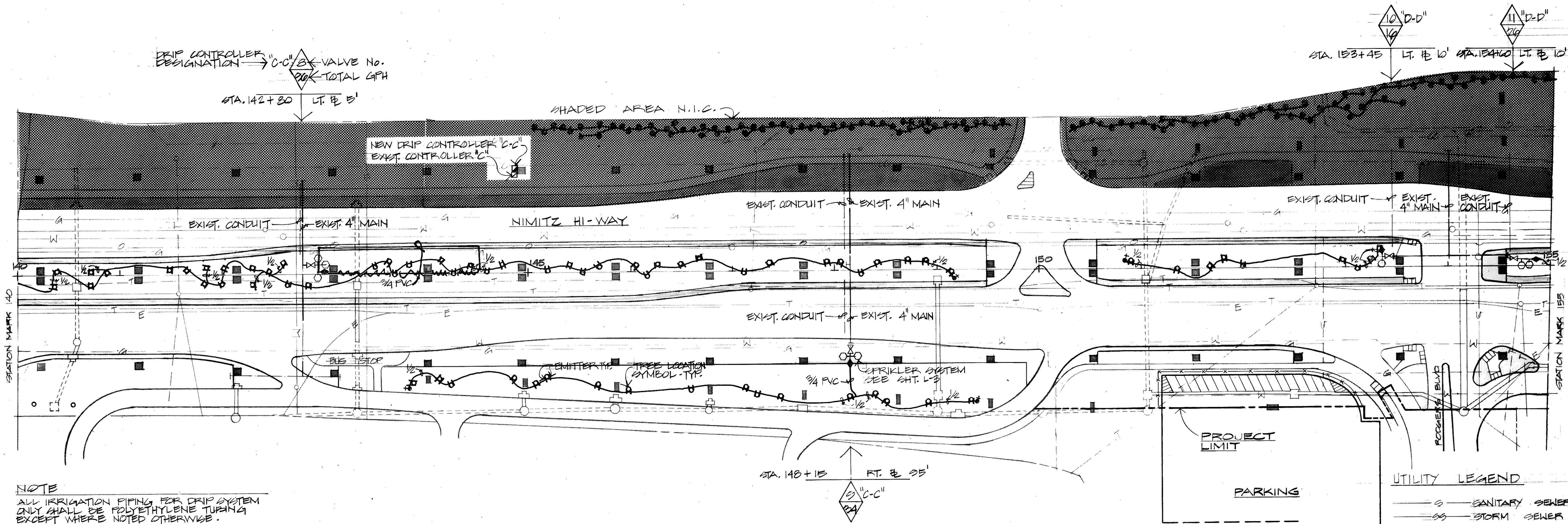
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

**PARTIAL DRIP
IRRIGATION PLAN**

AIRPORT INTERCHANGE
ROADWAY LANDSCAPING
F.A.I. PROJ. NO. I-HI-1(172):16
SCALE AS SHOWN DATE: 8-31-1981

SHEET NO. 6 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(172)16	1981	5	24

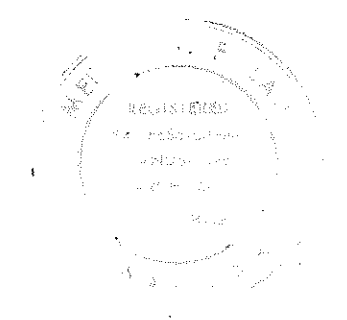


NOTE
ALL IRRIGATION PIPING FOR DRIP SYSTEM
ONLY SHALL BE POLYETHYLENE TUBING
EXCEPT WHERE NOTED OTHERWISE.

PARTIAL DRIP IRRIGATION PLAN
SCALE : 1" = 50'

- UTILITY LEGEND
- S — SANITARY SEWER
 - SS — STORM SEWER
 - W — WATER LINE
 - G — GAS LINE
 - O — OIL LINE
 - CC — COMMUNICATION CABLE
 - E — ELECTRIC DUCTLINE
 - T — TELEPHONE DUCTLINE
 - — MANHOLE, VALVE BOX
 - — ABANDONED LINE
 - — IRRIGATION PIPE

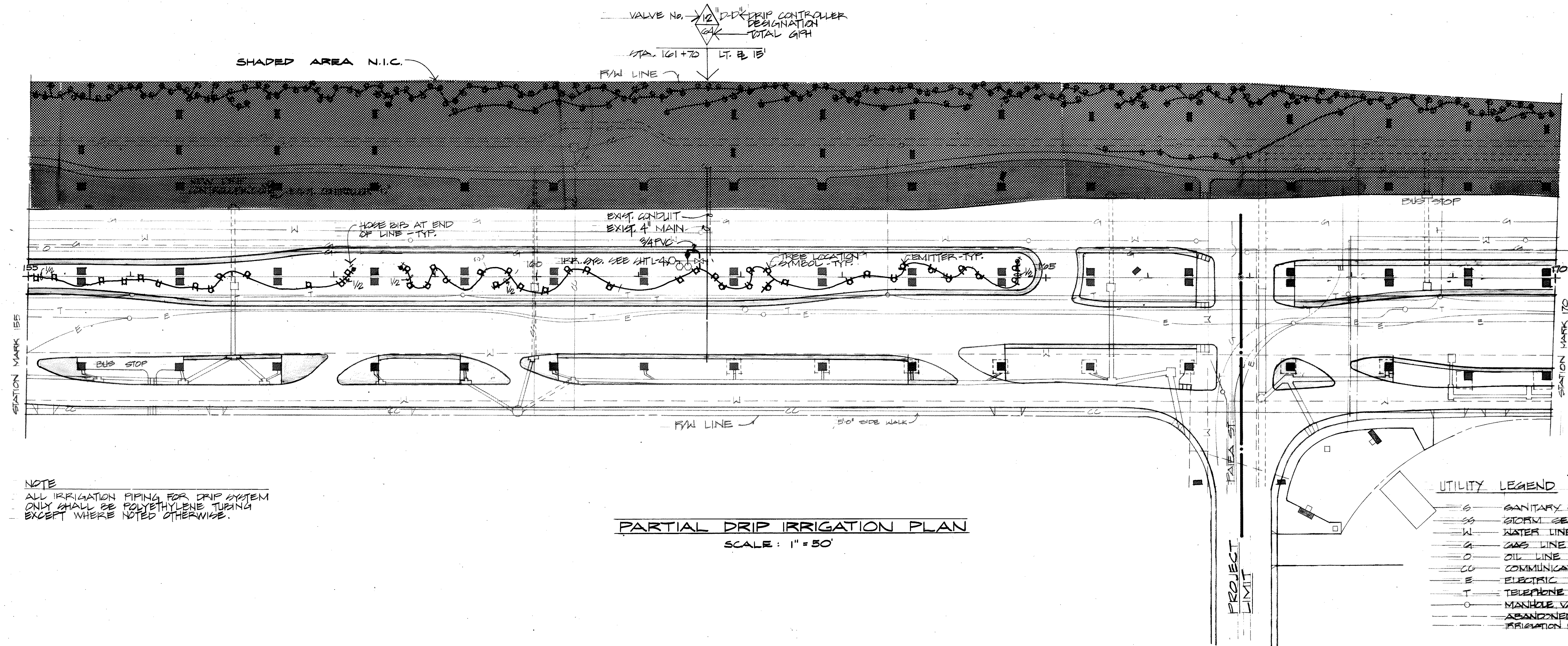
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 LAND TRANSPORTATION FACILITIES DIVISION
PARTIAL DRIP IRRIGATION PLAN
 AIRPORT INTERCHANGING
 ROADWAY LANDSCAPING
 F.A.I. PROJ. NO. I-HI-1(172)16
 SCALE AS SHOWN DATE: 8-3-1981
SHEET NO. 5 OF 24 SHEETS

THIS WORK WAS PREPARED BY
 ME OR UNDER MY SUPERVISION
Mr. K. J. [Signature]
 Signature

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(172):16	1981	9	24



NOTE
ALL IRRIGATION PIPING FOR DRIP SYSTEM
ONLY SHALL BE POLYETHYLENE TUBING
EXCEPT WHERE NOTED OTHERWISE.

PARTIAL DRIP IRRIGATION PLAN SCALE: 1" = 50'

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NO. 1	DRAWN BY	
	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

PARTIAL DRIP IRRIGATION PLAN

AIRPORT INTERCHANGE
ROADWAY LANDSCAPING
F.A.I. PROJ. NO. I-HI-1(172):16
SCALE AS SHOWN DATE 8-31-1981

W. K. 7. Lm

SHEET NO. L-8 OF 24 SHEETS