

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(5):24 Unit 3	1967	91	152

Revised : Nov.14,1967

LEGEND AND SPRINKLER HEAD SPECIFICATIONS						
SYMBOL	NUMBER	TYPE	PRESSURE PSI	RADIUS OF COVERAGE	FLOW (GPM)	RISER
V	L - 8H	Lawn - Half Circle	10	8'	1.0	1/2" I.P.S.
X	L - 8F	Lawn - Full Circle	10	8'	2.0	1/2" I.P.S.
●	L - 12F	Pop-up Lawn - Full Circle	20	12'	3.0	1/2" I.P.S.
▲	L - 12H	Pop-up Lawn - Half Circle	20	12'	2.5	1/2" I.P.S.
•	B - 1	Bubbler	10		1.0	1/2" I.P.S.
Y	L - 8Q	Lawn - Quarter Circle	10	8'	0.9	1/2" I.P.S.
⊗		Angle Control Valve w/Type "A" Valve Box				
⊙		Atmospheric Vacuum Breaker				
⊠		Water Meter (Furnished & installed by BWS)				
⊞		Shut-Off Valve w/ Box				

NOTES:

- "Pressure" is the minimum pressure, in pounds per square inch, which is available at the base of the last head. The operating pressure of acceptable heads must not exceed this value when operating at the tabulated flow and radius.
- "Radius of Coverage" is the minimum radius at the tabulated pressure.
- "Flow" is the maximum flow, in gallons per minute, which is discharged at the tabulated pressure.

GENERAL NOTES

- All pipes under the pavement shall be copper.
- Risers shall be 1/2" ϕ galvanized steel pipes, unless otherwise called for.
- Plugs shall be marked with a 1"x2"x12" redwood marker which shall be considered incidental to the cost for the various items of the sprinkler system.
- Pipe sleeves shall have an internal diameter of 1/2" greater than the outside diameter of the pipe passing through the sleeve, unless otherwise called for.
- Final location of meters, valves, pressure regulators and vacuum breakers shall be determined by the Engineer.
- Unless otherwise called for or directed by the Engineer, the center line of the feeder pipe shall be located 3" from the back of curbs, 1' from the fence line or guard rail posts.
- Pipes shall be galvanized steel and fittings shall be malleable iron, unless otherwise called for.
- When the consumers' water service will be interrupted, the Contractor shall notify each consumer and the Board of Water Supply concerning the time and duration of the shut-down.
- See Sheet No.36 for general water notes.

THIS SHEET SUPERSEDES
SHEET NO. 91

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
SPRINKLER SYSTEM	
INTERSTATE HIGHWAY (LUNALILO FREEWAY)	
F.A.I. Proj. No. I-HI-1(5):24, Unit 3	
Scale: As Shown	Date: May, 1967

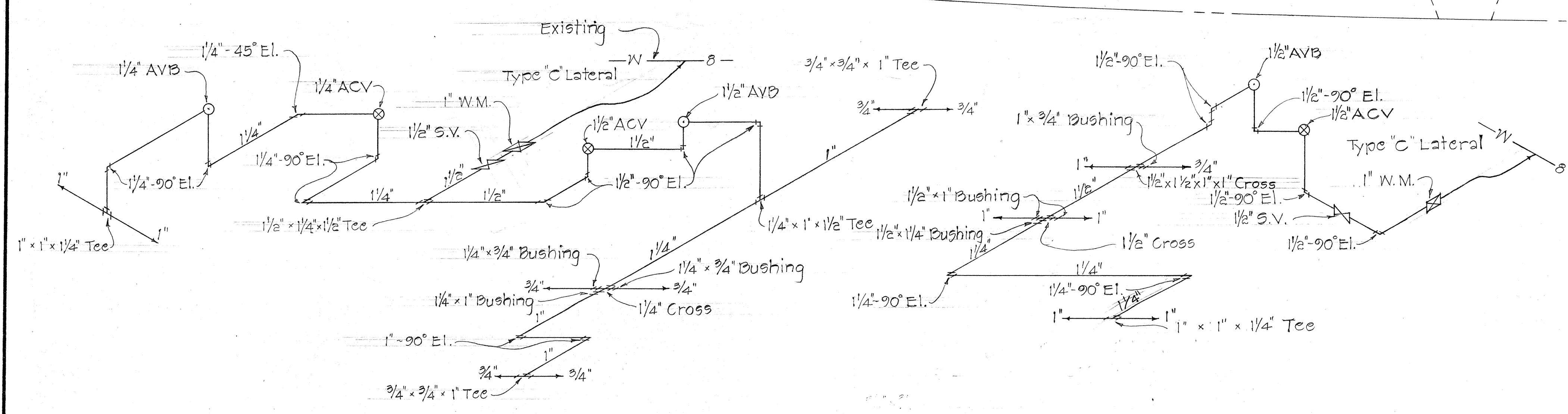
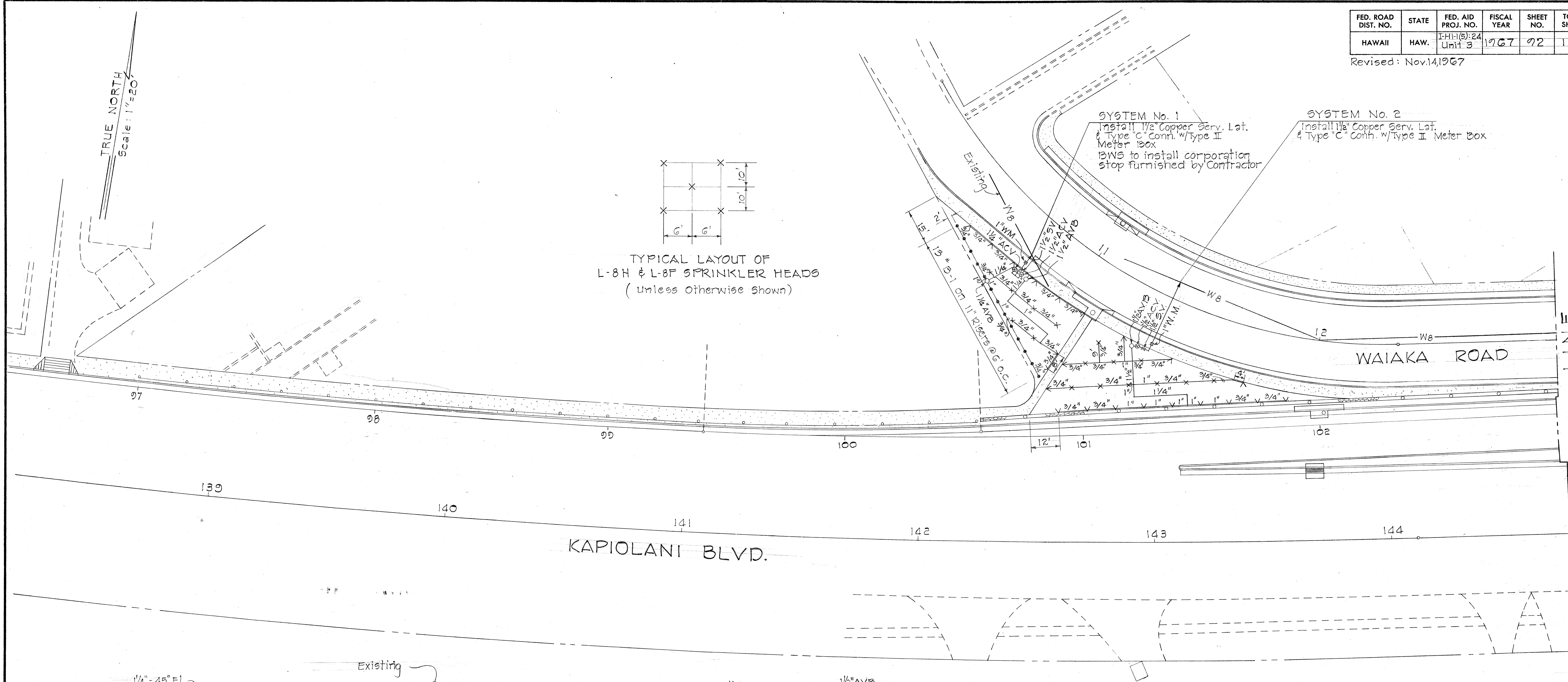
SHEET No. 91 OF SHEETS

C. O. 91

ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H(5)-24 Unit 3	1967	92	152

Revised: Nov. 14, 1967



SYSTEM No. 1

SYSTEM No. 2

THIS SHEET SUPERSEDES SHEET NO. 92

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SPRINKLER SYSTEM

INTERSTATE HIGHWAY
(LUNALILO FREEWAY)

F.A.I. Proj. No. I-H-1(5)-24, Unit 3

Scale: As Shown Date: May 1967

SHEET No. 92 OF SHEETS

C.O. 92

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

SPRINKLER SUMMARY

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HI-1(5)24 Unit 3	1967	95	152

Revised: Nov. 14, 1967

SYSTEM NO.	ITEM NO.	METER LOCATION	ESTIMATED QUANTITIES																																	REMARKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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ORIGINAL PLAN

NOTE BOOK

No.

SURVEY PLOTTED BY

DESIGNED BY

QUANTITIES BY

CHECKED BY

DATE

THIS SHEET SUPERSEDES SHEET NO. 95

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

SPRINKLER SYSTEM

INTERSTATE HIGHWAY
(LUNALILO FREEWAY)

F.A.T. Proj. No. HI-1(5)24 Unit 3

Date: May, 1967

SHEET No. 95 OF SHEETS

C.O. 95