

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-115-1(22)-13	1978	24	36

LEGEND AND SPRINKLER HEAD SPECIFICATIONS							
NUMBER	SYMBOL	TYPE	OPERATING PRESSURE (PSI)	COVERAGE	FLOW	RISER CONNECTION (IPS)	REMARKS
J-50F	⊙	Jet Sprinkler Full Circle 7/32" Brass Nozzle	40	45'-R	8.9	¾"	New or Relocated
J-50H	△	Jet Sprinkler Part Circle 3/16" Brass Nozzle w/ Anti-Splash Device	40	47'-R	6.4	¾"	New or Relocated
J-20H	◆	Jet Sprinkler Part Circle with Anti-Splash Device & Distance Control Deflector	30	20'-R	3.3	½"	New or Relocated
QCV	●	Quick Coupling Valve					New
AVB	○	Atmospheric Vacuum Breaker					Existing
RCV	⊗	Remote Control Valve w/ Type A Valve Box					Existing

SPRINKLER NOTES:

- Atmospheric Vacuum Breakers shall be installed 6' above the highest sprinkler head and on the discharge side of the valve for the battery of sprinklers served.
- Contractor shall be responsible for damage to existing installations that will be affected during the installation of the new sprinkler system.
- All Sprinkler Heads and Risers shall be new or relocated ones from existing sprinkler system that are affected.
- Spray Pattern of Sprinklers shall be field adjusted by contractor.
- Existing Sprinkler Systems No's 64, 65, 67, 69, 70, 71, 73 and 74 on the side of the Pedestrian Walkway shall be abandoned and pipes be cut and plugged as shown.
- Pipes shall have a minimum cover of 18 inches.

For Sprinkler Only
New or Relocated
Reinforcing Bar (Tie Rod)

Ground Line

To Quick Coupling Valve
or Sprinkler

Tie Wire

Relocated or New Galv.
Steel Riser

Tie Wire

PVC Sch. 40 90° El.

PVC Sch. 40 90° El.

4" PVC Sch. 80 Nipple

PVC Sch. 80 Nipple

6" PVC Sch. 80 Nipple

PVC Sch. 40-90° El.

Supply Line

Lateral Line

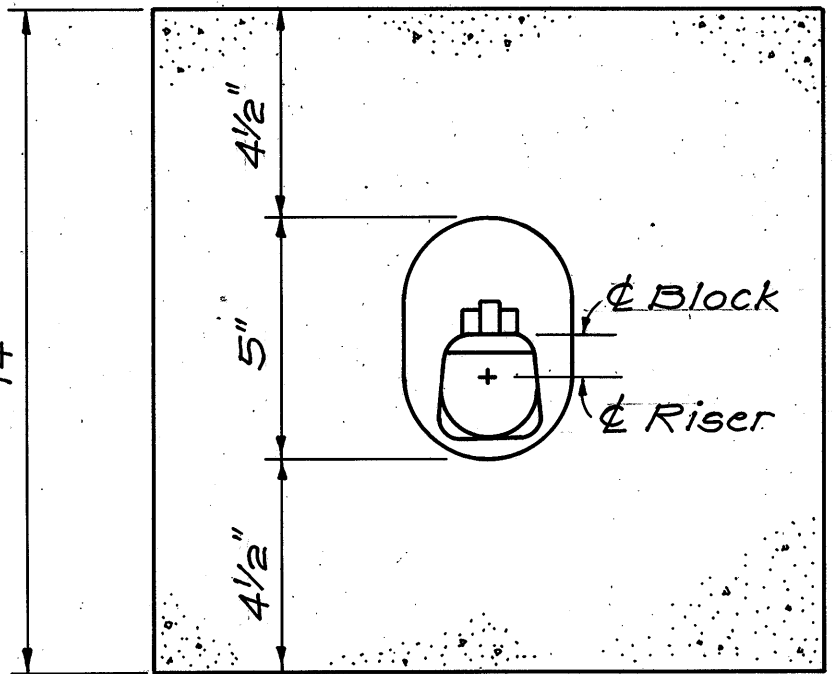
Tee

PERSPECTIVE

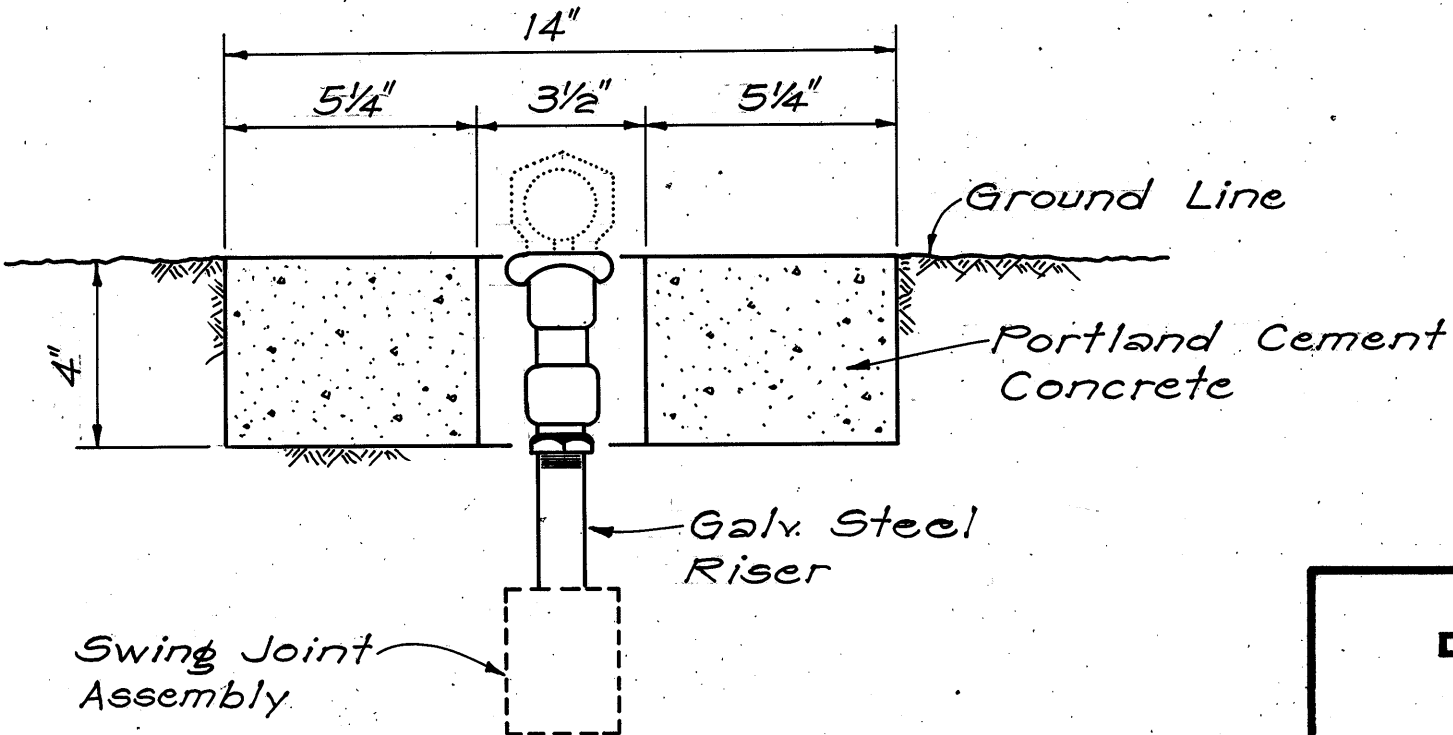
RISER AND SWING JOINT ASSEMBLY

LANDSCAPING NOTES

- All new cut & fill slopes and any areas designated by the Engineer shall be planted with Pennisetum Clandestinum (Kikuyu Grass). The Contractor's attention is directed to Section G80 - Planting Kikuyu Grass By Sprigging of the Special Provisions.
- The existing trees that are to remain as part of the landscaping and those trees that are to be transplanted will be designated by the Engineer in the field. The new location of the transplanted trees will be determined by the Engineer.
- Areas outside of the new top of cut and toe of fill that has existing landscaping and is damaged by the Contractor's operations shall be replanted at the Contractor's expense. All trees designated to remain as part of the landscaping that are damaged by the Contractor's operations shall be replaced at the Contractor's expense.



PLAN



SECTION - ELEVATION

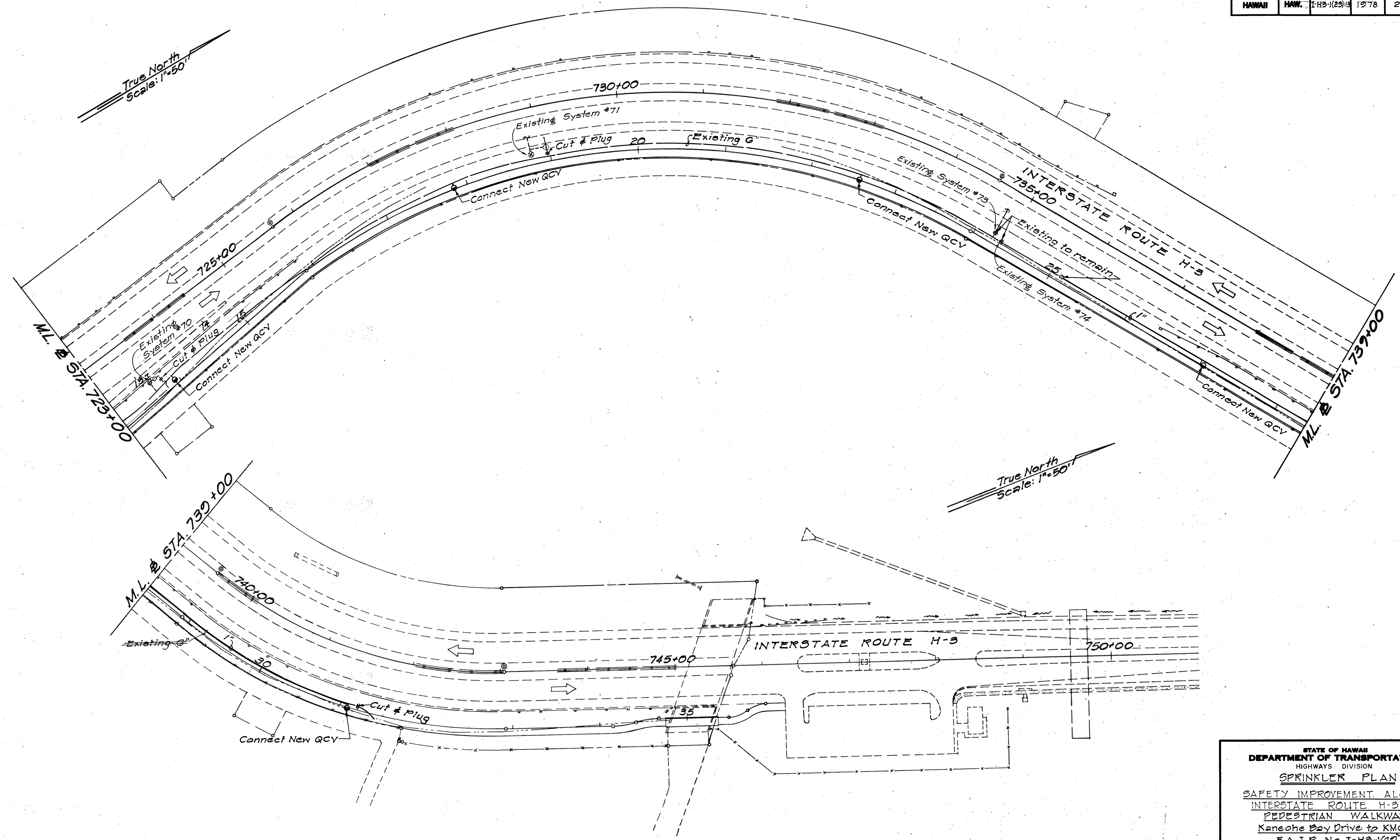
VALVE PROTECTOR AND CONNECTION
FOR QUICK COUPLING VALVE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SPRINKLER PLAN
SAFETY IMPROVEMENT ALONG
INTERSTATE ROUTE H-3
PEDESTRIAN WALKWAY
Kaneohe Bay Drive to KMCAS
F.A.I.P. No. I-H3-1(22)13

Scale: As Shown Date: June, 1977

SHEET NO. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(29)13	1978	25	36



DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
TRACED BY	_____
REVIEWED BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____

STATE OF HAWAII
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HIGHWAYS DIVISION
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SAFETY IMPROVEMENT ALONG
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Kaneohe Bay Drive to KMCAS
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SHEET NO. 2 OF 2 SHEETS