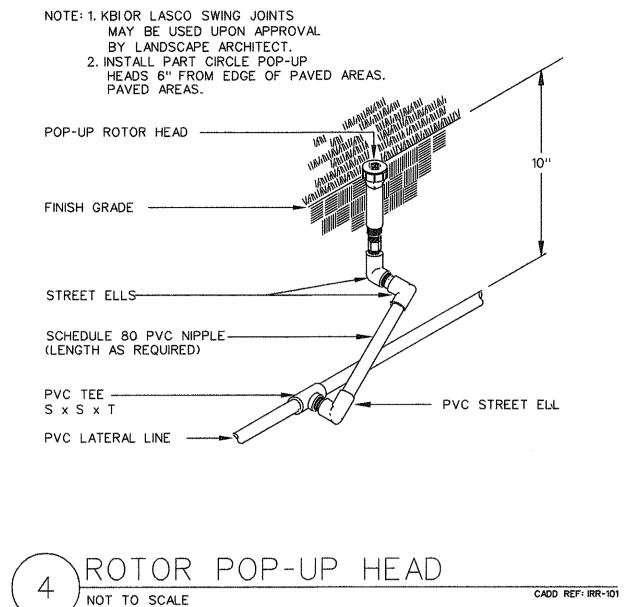


NOT TO SCALE

CADD REF: IRR-401



	IRRIGATIO	ON MATERIAL SCHEDULE	IRRIGATION HEAD SCHEDULE							
SYMBOL	DESCRIPTION	MANUFACTURER/ CATALOG NUMBER	DETAIL	HEAD SYMBOL	ANGLE	MANUFACTURER/ CATALOG NUMBER	G.P.M.	P.S.I.	RAD.	DETAIL
•	REMOTE CONTROL VALVE	RAINBIRD EFB-CP-PRS-B SERIES OR APPROVED EQUAL, SIZE AS NOTED	NO. 6, SHT. L-3	ROTOR HEAD 4" POP-UP		RAINBIRD 1800 SERIES (OR APPROVED EQUAL)				
	IRRIGATION MAINLINE	SCHEDULE 40 PVC, SIZE AS NOTED LAVENDER COLOR	NO. 2, SHT. L-2		90°	PGH-ADJ-01 LA	0.5-0.8	30-60	28'-30'	NO. 7, SHT. L-3
***************************************	IRRIGATION LATERAL	CLASS 200 PVC, SIZE AS NOTED LAVENDER COLOR	NO. 2, SHT. L-2		180 °	PGH-ADJ-03 LA	0.9-1.3	30-60	31'-32'	
	IRRIGATION SLEEVE	SCHEDULE 40 PVC, SIZE AS NOTED	NO. 2, SHT. L-2	SPRAY HEAD						
	IRRIGATION CONDUIT	SCHEDULE 80 PVC, SIZE AS NOTED	NO. 2, SHT. L-2	12" POP-UP	-	1812-SAM-PRS-15Q				
					90°	1800 NP COVER (1804-SAM-PRS-15Q IN LAWN AREAS)	1.3-1.85	15-30	11'-15'	NO. 8, SHT. I-5
GALLONS PER MINUTE 54 2" VALVE SIZE (GPM)				Ω	180 °	1812-SAM-PRS-15H 1800 NP COVER (1804-SAM-PRS-15H IN LAWN AREAS)	1.3-1.85	15-30	11'-15'	
				SPRAY HEAD 12" ¡POP-UP	-					
IRRIGATION NOTES				•	EST	1812-SAM-PRS-15EST 1800 NP COVER	0.45-0.61	15-30	4'X 15'	NO. 8, SHT. I-5
1. THIS PLAN IS DIAGRAMMATIC. IRRIGATION SYSTEM IS SUBJECT TO FIELD ADJUSTMENTS DUE TO UNANTICIPATED SITE CONDITIONS. LOCATE ALL MAINLINES, LATERALS, VALVES AND SPRINKLER HEADS WITHIN PLANTING AREAS, UNLESS OTHERWISE NOTED. PLACE MAINLINE IN PLANTING AREAS WHERE NO SLEEVES ARE SHOWN. AVOID ANY CONFLICT BETWEEN UNDERGROUND UTILITIES, STRUCTURES AND PLANTINGS. THE					SST	1812-SAM-PRS-15SST 1800 NP COVER	0.89-1.21	15-30	4'X 30'	

CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING

2. THIS IRRIGATION SYSTEM WAS DESIGNED WITH A MINIMUM STATIC WATER PRESSURE OF 80 PSIAT THE POINT OF CONNECTION. NOTIFY THE PROJECT ENGINEER, IF WATER

3.CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS AND OBSERVE ALL LOCAL CODES

MAINLINES AND LATERALS UNDER PAVEMENT AND THROUGH WALLS. CONTRACTOR SHALL

ASSURE THAT THESE ITEMS ARE LAID PRIOR TO PLACEMENT OF PAVEMENT OR WALL

DERIVED FROM THE BEST AVAILABLE INFORMATION AND ON SITE INSPECTIONS. THE CONTRACTOR SHALL VERIFY THOSE POINTS OF CONNECTION NOTED AND REPORT ANY

AND REGULATIONS. THE CONTRACTOR SHALL CONFIRM ALL SITE DIMENSIONS AND

4. CONTRACTOR IS TO COORDINATE THE INSTALLATION OF ALL SLEEVES, CONDUITS,

5. CONTRACTOR SHALL INSTALL IRRIGATION LINES, WIRES, VALVES AND HEADS PER

SPECIFICATIONS. EXISTING GATE VALVES, POINT OF CONNECTION, ETC. ARE

6. LOCATE AND INSTALL ALL SPRINKLER HEADS 6" FROM SIDEWALKS, CURBS, DRIVEWAYS, BUILDINGS AND WALLS UNLESS NOTED OTHERWISE. FLEX TUBING

SHALL BE INSTALLED ON ALL SPRINKLER HEADS ALONG SIDEWALKS, DRIVEWAYS AND PARKING SPACES. ADJUST ALL SPRINKLER HEADS AND FLOW CONTROL FOR

MAXIMUM COVERAGE AND MINIMUM OVERTHROW AND MISTING. OPERATE ONLY ONE

UTILITIES. BURY ALL IRRIGATION LINES UNDER PAVING 24" DEEP. IN PLANTING

AREAS BURY PRESSURE MAINLINES 18" AND LATERAL LINES 10" DEEP.

PRESSURE IS LESS THAN 50 PSIOR GREATER THAN 90 PSI.

DISCREPANCIES TO THE ENGINEER.

VALVE AT A TIME PER CONTROLLER.

7. INSTALL ALL IRRIGATION EQUIPMENT IN PLANTING AREAS.

CONDITIONS, AND REPORT ANY DISCREPANCIES TO THE ENGINEER.

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

KAMEHAMEHA HIGHWAY

Halawa Stream Bridge (Inbound) Replacement Federal Aid Project No. BR-099-1(19) Date: Jan., 2001 Scale: 1"=20'-0"

SHEET No. I-3 OF 3

SHEETS

FISCAL SHEET TOTAL

103

NO.

SHEETS

105

YEAR

2001

FED. ROAD

DIST. NO.

HAWAII

STATE

HAW.

PROJ. NO.

BR-099-1(19)

103