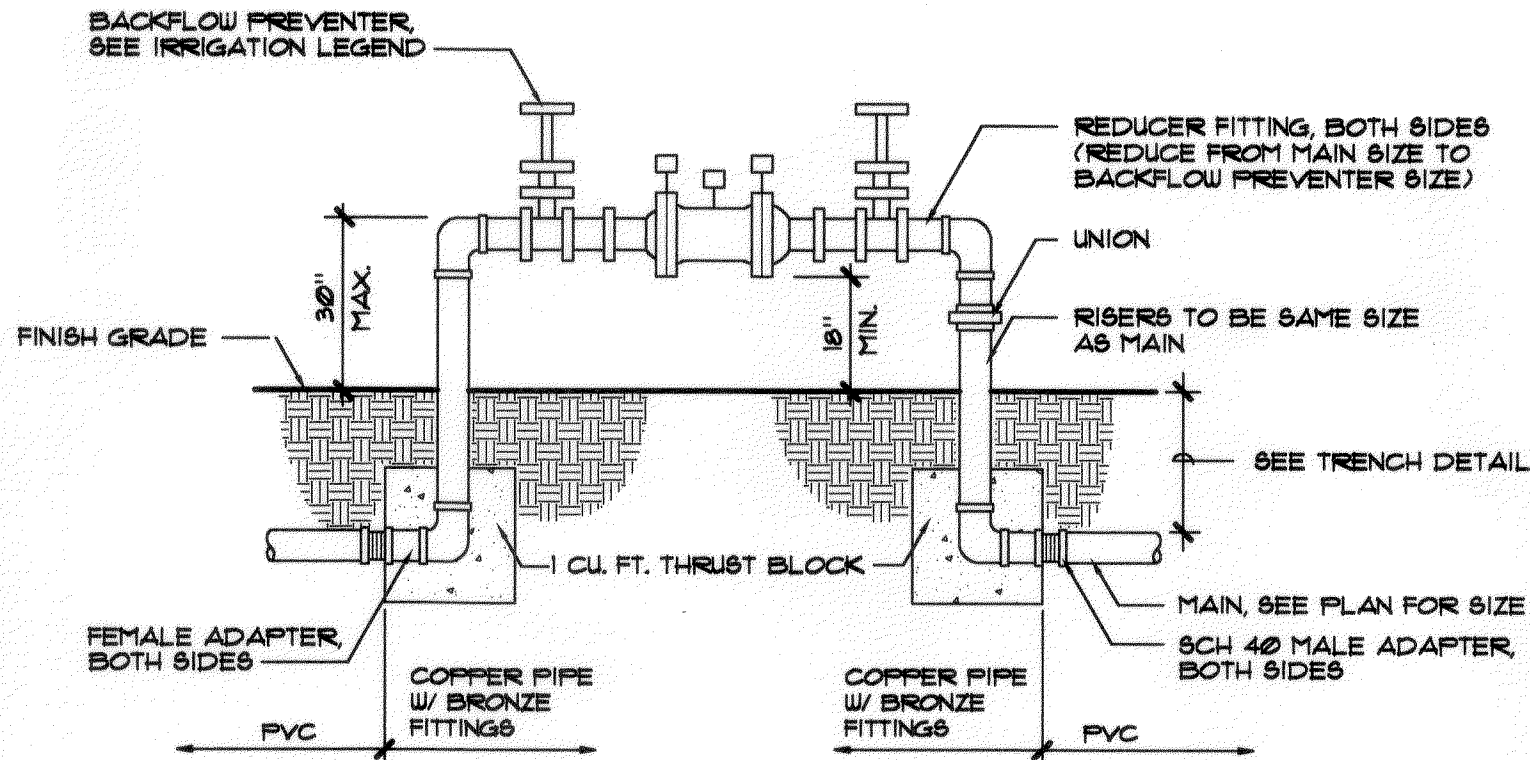
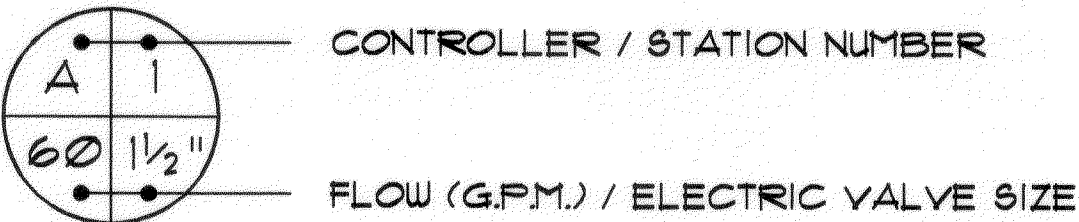


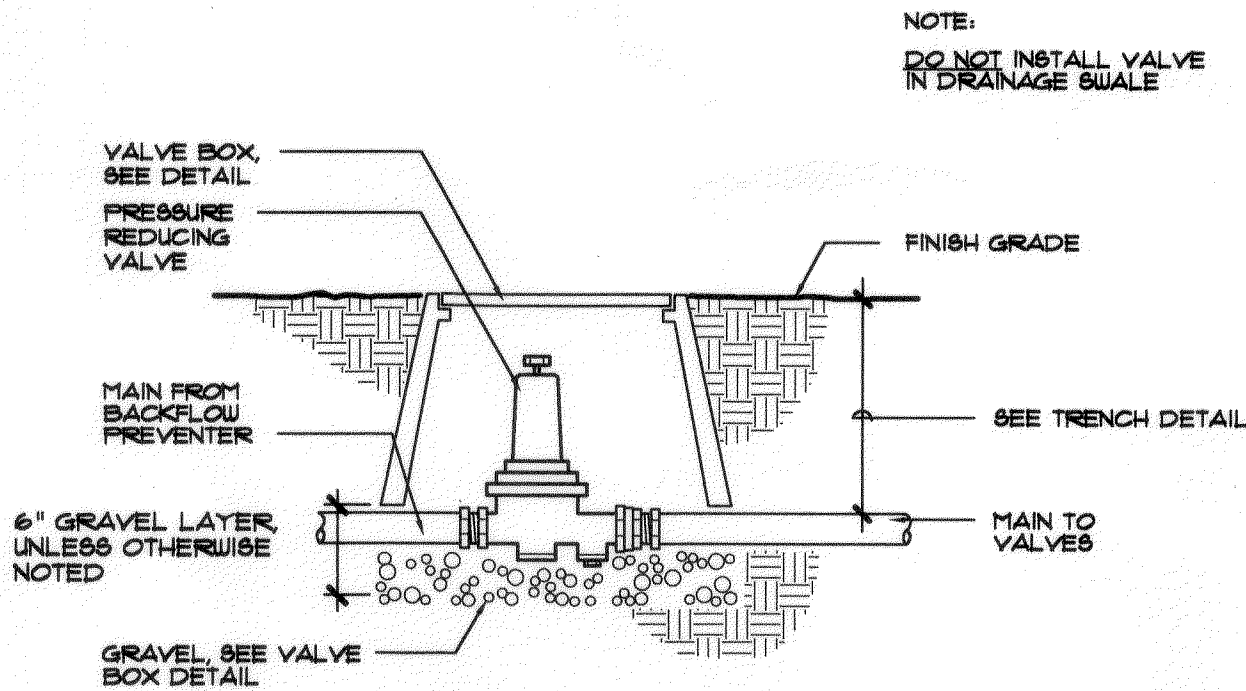
FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-M-05-98	2002	26	99

IRRIGATION LEGEND

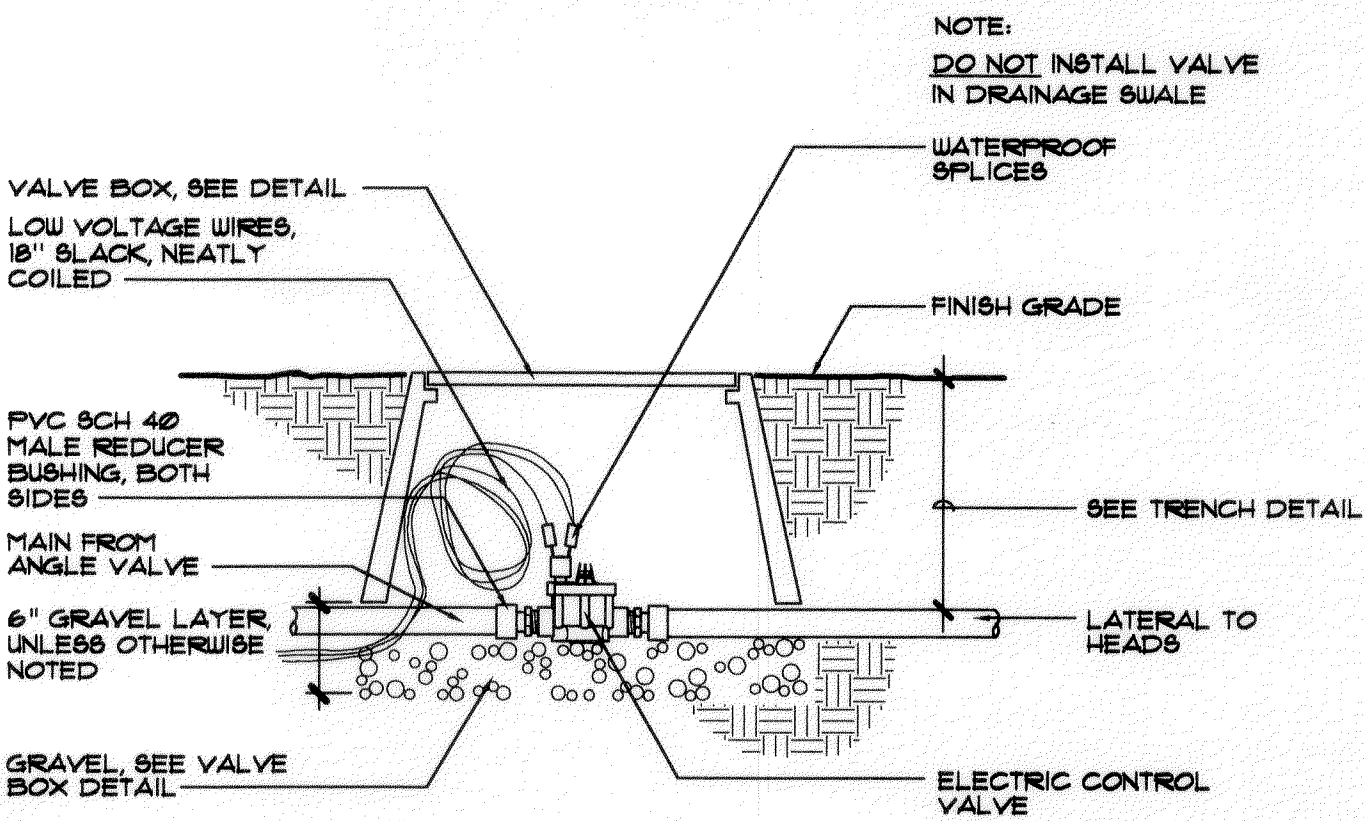
SYMBOL	DESCRIPTION	P.S.I.	G.P.M.	R.A.D.	MANUFACTURER & MODEL No. (or approved equal)
○ □ △ ▽	12" POP-UP SPRAY HEAD: FULL, 1/2, 1/3, 1/4 CIRCLE	30	3.7/1.8/1.2/1	15'	STANDARD PLASTIC SPRAY HEAD (30 DEGREE TRAJECTORY) ON 12" POP-UP BODY WITH PRESSURE REGULATOR
△ ▽	12" POP-UP SPRAY HEAD: SIDE, END STRIP	30	3.7/1.8	4'x30'1/4'x15'	SIDE STRIP AND END STRIP PLASTIC SPRAY HEAD (30 DEGREE TRAJECTORY) ON 12" POP-UP BODY WITH PRESSURE REGULATOR
■	FREESTANDING IRRIGATION CONTROLLER				12 STATION DUAL PROGRAM ELECTRO-MECHANICAL CLOCK WITH SOLID STATE TIMER (ADJUSTABLE 0-60) WITH POWDER COATED STAINLESS STEEL CABINET AND PEDESTAL
⋈	GATE VALVE / SIZE				GATE VALVE (BRONZE) COMMERCIAL GRADE WITH BRONZE HANDWHEEL, LINE SIZE
⊖	PRESSURE REDUCING VALVE				INLINE PRESSURE REDUCING VALVE, COMMERCIAL GRADE, LINE SIZE
⊕	ANGLE VALVE				IRRIGATION CONTROL MANUAL ANGLE VALVE WITH SWIVEL SEAT ASSEMBLY
⊙	ELECTRIC VALVE (1")				ELECTRIC REMOTE CONTROL VALVE COMMERCIAL GRADE, HEAVY PLASTIC
⊙⊙	BACKFLOW PREVENTER DOUBLE CHECK VALVE (1 1/2")				DOUBLE CHECK VALVE- BWS APPROVED
⊗	QUICK COUPLER VALVE				1" BRASS QUICK COUPLER VALVE WITH LOCKING RUBBER COVER
—	IRRIGATION MAIN				PVC SCH. 40 (SEE SPECIFICATIONS)
- - -	IRRIGATION LATERAL				PVC CLASS 200 (SEE SPECIFICATIONS)
— 1/2"	IRRIGATION SLEEVE / SIZE				PVC SCH. 40



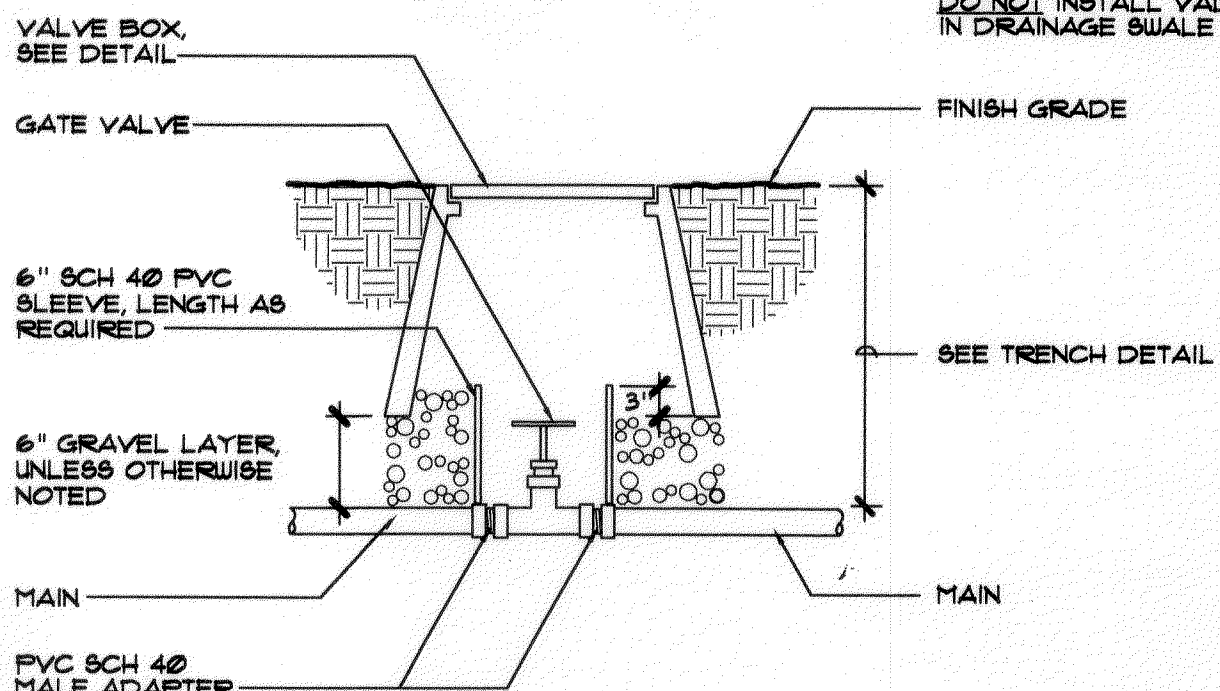
9 BACKFLOW PREVENTER (2" & SMALLER)
L-3 NOT TO SCALE



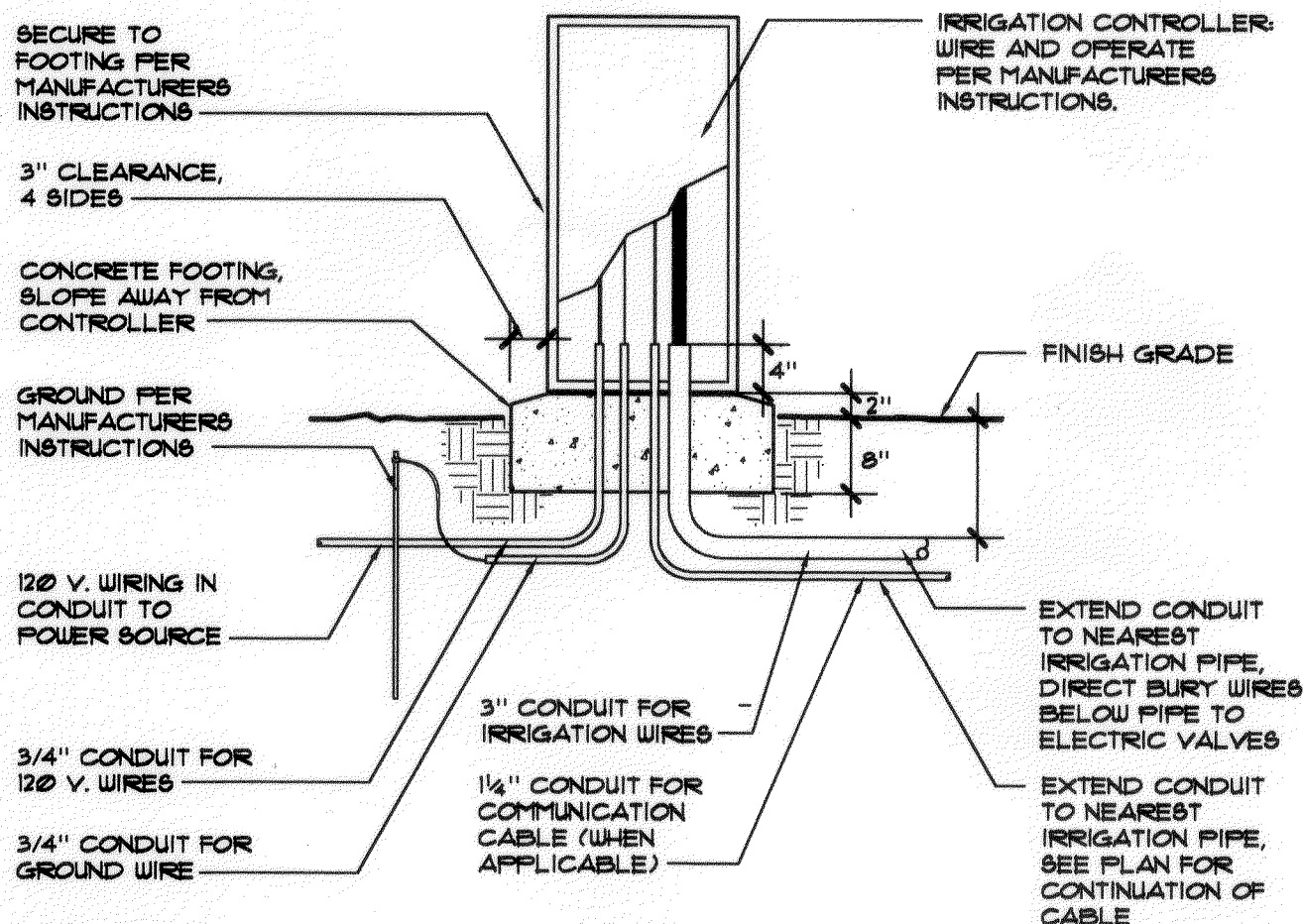
8 PRESSURE REDUCING VALVE
L-3 NOT TO SCALE



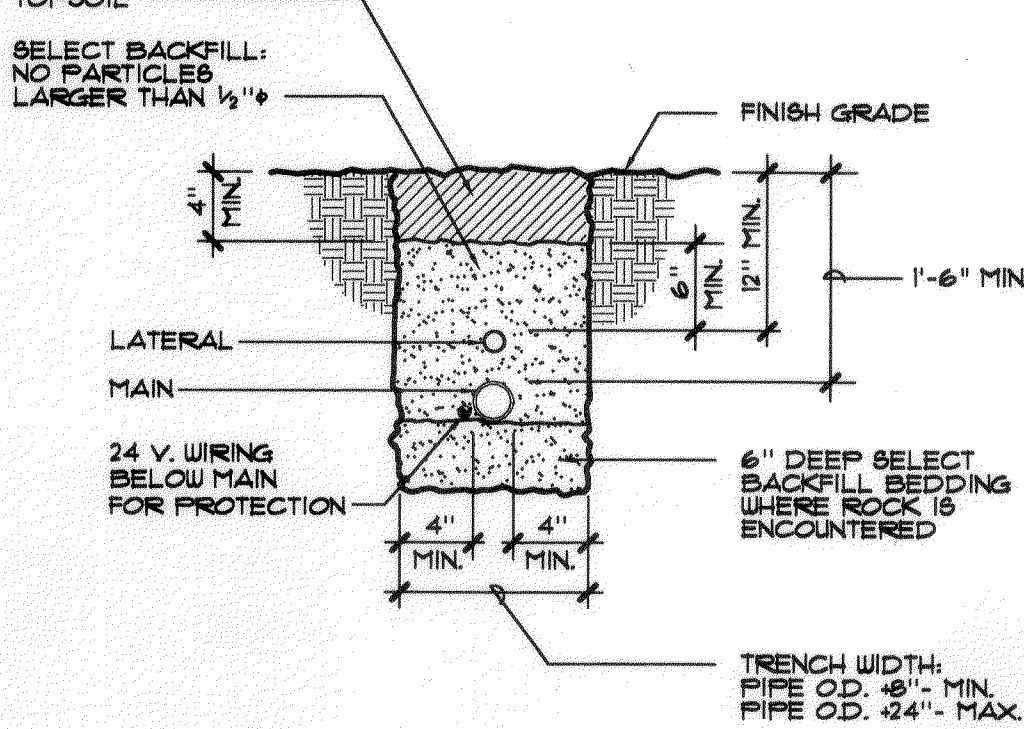
7 ELECTRIC VALVE
L-3 NOT TO SCALE



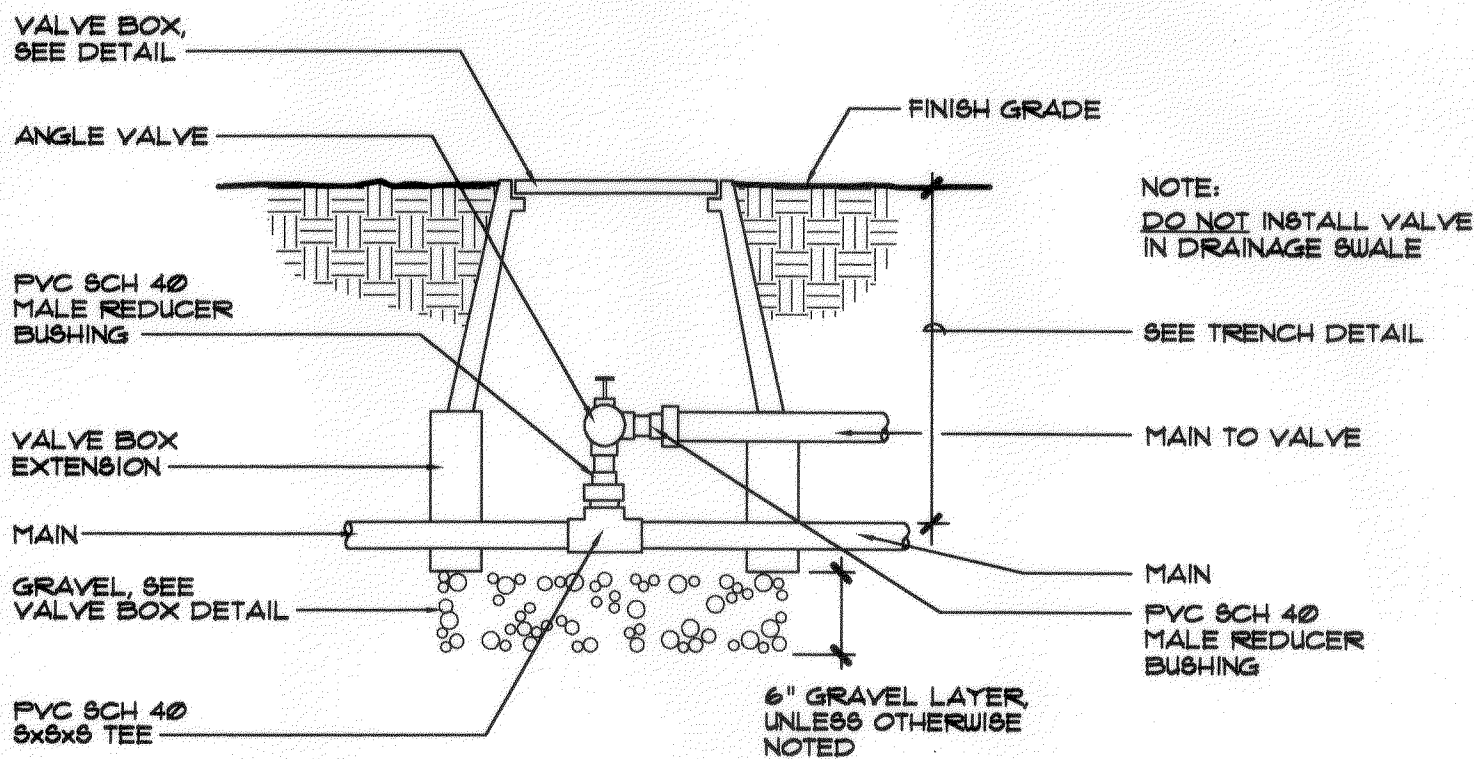
6 GATE VALVE (3" AND SMALLER)
L-3 NOT TO SCALE



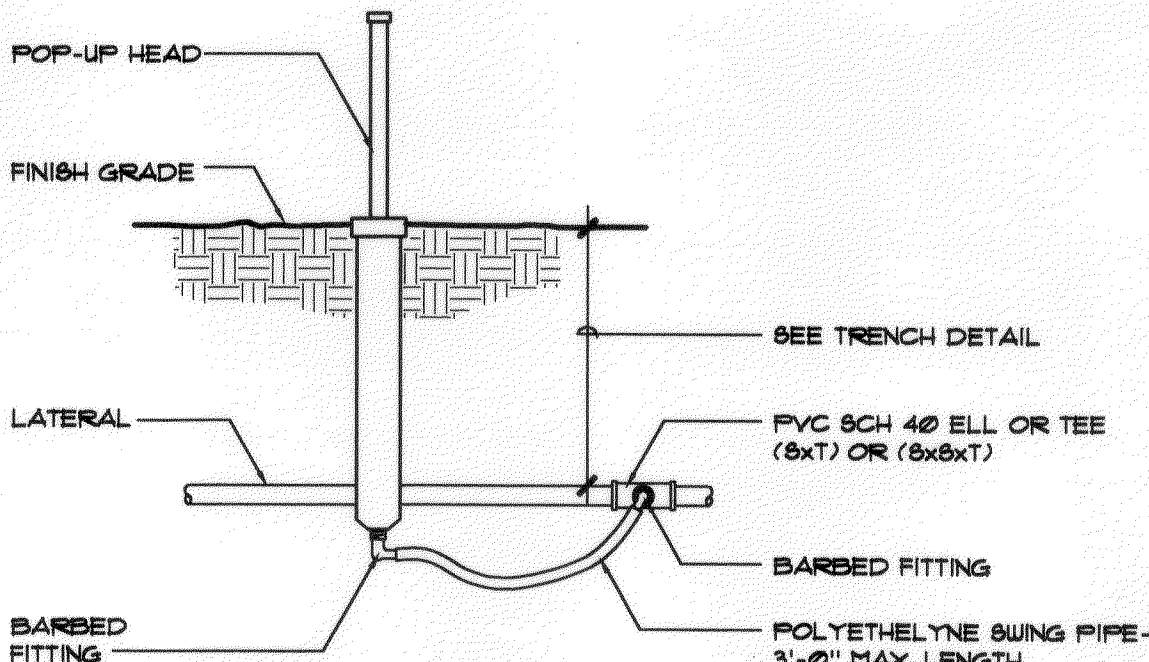
5 CONTROLLER
L-3 NOT TO SCALE



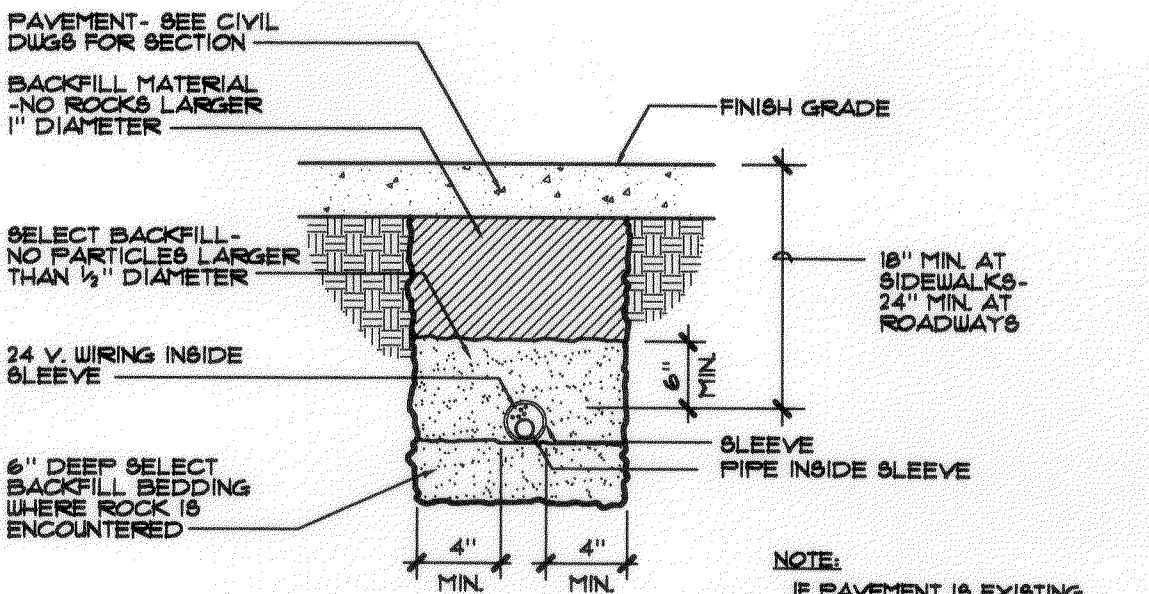
4 PIPE TRENCH- PLANTING AREAS
L-3 NOT TO SCALE



1 ANGLE VALVE
L-3 NOT TO SCALE

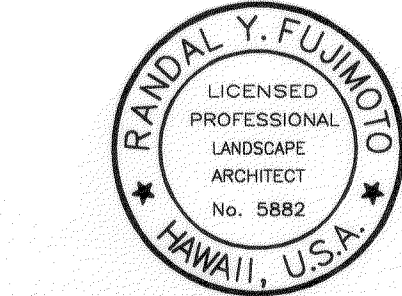


2 SPRAY HEAD - 12" POP-UP
L-3 NOT TO SCALE



3 PIPE TRENCH- PAVED AREAS
L-3 NOT TO SCALE

SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTEBOOK	
No.	



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

DATE	REVISION
	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION IRRIGATION LEGEND & DETAILS MOLOKAI BASE YARD MOLOKAI INDUSTRIAL PARK Project No. HWY-M-05-98 TMK: 2-5-2-31: LOTS 9 & 10 Scale: As Noted Date: September 13, 2001 SHEET No. L-3 OF L-4 SHEETS