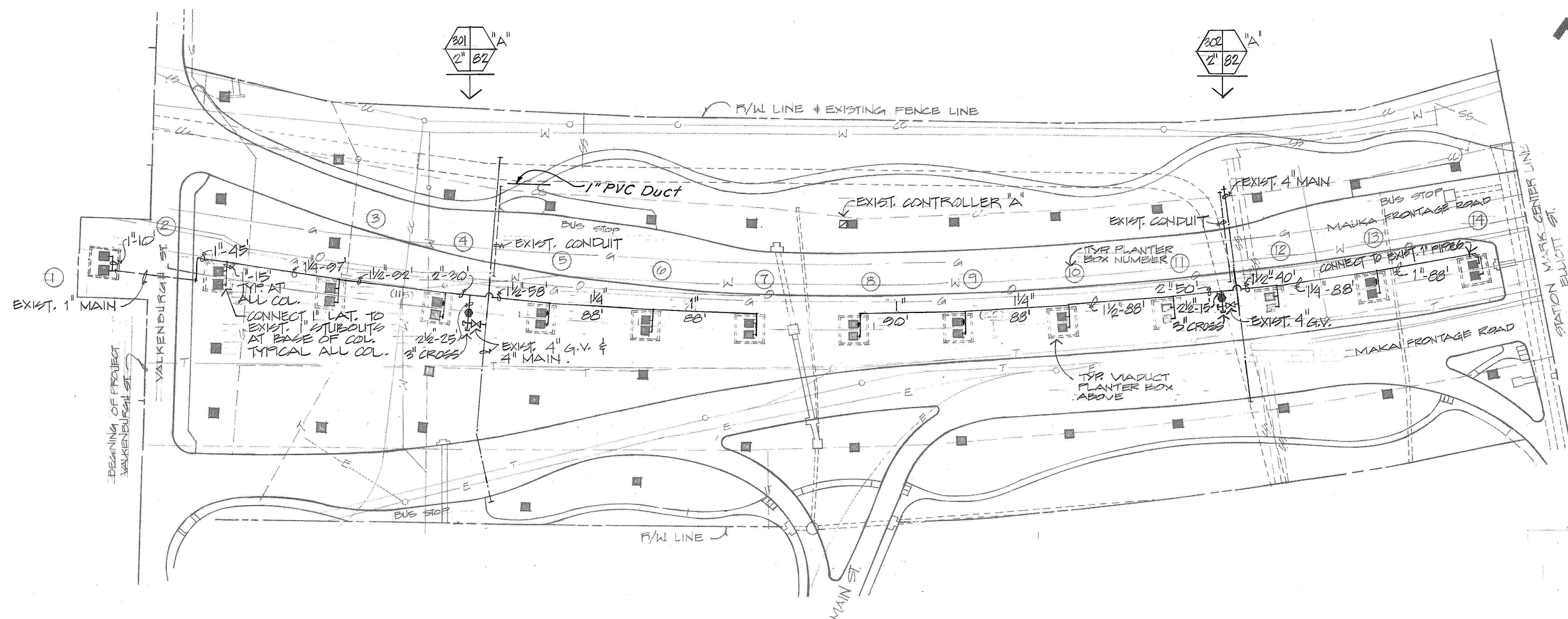


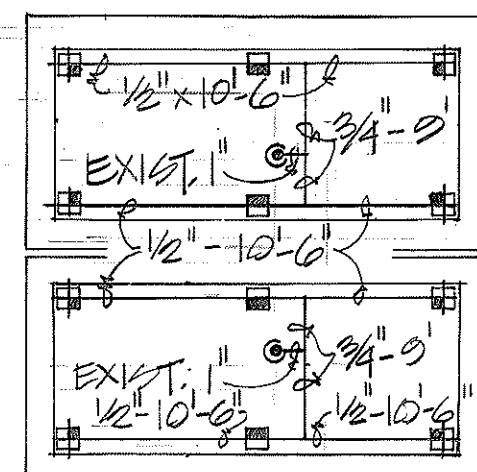
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H1-1(103):16	1980	2	10



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 DUCTING
O	MANHOLE VALVE BOX
—	ABANDONED LINE
—	IRRIGATION PIPE

NOTE: Tap adjacent planter box 1-inch water line through 3" overflow pipe, planter boxes 4, 5, 8, 9, 13.



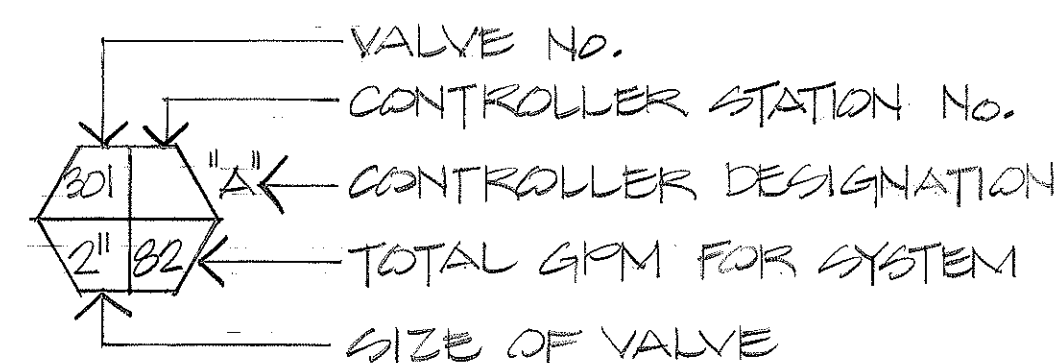
TYPICAL PLANTER BOX IRRIGATION LAYOUT

GENERAL NOTES

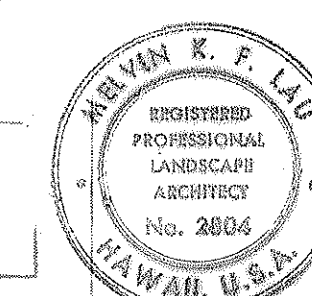
1. FINAL LOCATIONS OF VALVES, CONTROLLERS & SUPPLY LINES SHALL BE DETERMINED BY THE ENGINEER.
2. CONCRETE REACTION BLOCKS SHALL BE CLASS "B" CONCRETE.
3. MINIMUM LINE SIZE BETWEEN SPRINKLER HEADS SHALL BE AS SHOWN ON THE PLANS.
4. LINE SIZE UP TO & INCLUDING 3" SHALL BE GALVANIZED STEEL, COPPER OR P.V.C. PIPE, EXCEPT THAT PIPE UNDER PAVED AREAS SHALL BE COPPER.
5. ALL WIRING UNDER PAVED AREAS SHALL BE INSTALLED IN CONDUITS.
6. NO ROCKS OR SHARP OBJECTS ONE INCH OR LARGER SHALL BE USED IN BACKFILL MATERIAL FOR TRENCHES.
7. CONTRACTOR SHALL ADJUST ALL SPRINKLER HEADS FOR PROPER COVERAGE. IF ADJUSTMENTS ARE MADE, NOTIFY ENGINEER OF SUCH ACTION.
8. TWO 24" ± LONG HEAVY PLATED IRON KEYS SHALL BE PROVIDED FOR CONTROL VALVES & SHALL BE INCIDENTAL TO VALVE COST.
9. CONTRACTOR SHALL BLOW OUT ALL IRRIGATION & DRAIN PIPES AT EACH PLANTER BOX BEFORE COMMENCING WORK. PIPES SHALL BE CLEANED TO PREVENT CLOGGING AFTER INSTALLATION OF SPRINKLERS.

SPRINKLER LEGEND

SPRINKLER	SYMBOL	DESCRIPTION	PRESSURE P.S.I.	COVERAGE FT.	FLOW GPM	RISER IN.	SPECIAL FEATURES
G-10	■	SHRUB SPRAY - HALF	10	9	1.1	1/2	ADJUSTABLE RADIUS WITH PROPLET DISCHARGE & NO MISTING.
S-10	■	SHRUB SPRAY - QUARTER	10	9	1.1	1/2	
	●	ELECTRIC REMOTE CONTROL VALVE W/TYPE "A" VALVE BOX					
	■	NEW ELECTRIC AUTOMATIC CONTROLLER - 1/2 STATION MIN.					WALL MOUNTED
	■	EXIST. ELECTRIC AUTOMATIC CONTROLLER					
	⋈	EXIST. GATE VALVE					



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



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
 M.K.F. Liu
 Signature

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 LAND TRANSPORTATION FACILITIES DIVISION

IRRIGATION PLAN
LEGEND & NOTES

AIRPORT INTERCHANGE VIADUCT LANDSCAPING
 F.A.I. PROJ. NO. I-H1-1(103):16
 SCALE: 1" = 50' DATE: JAN 23 1981

SHEET NO. 1 OF 15 SHEETS