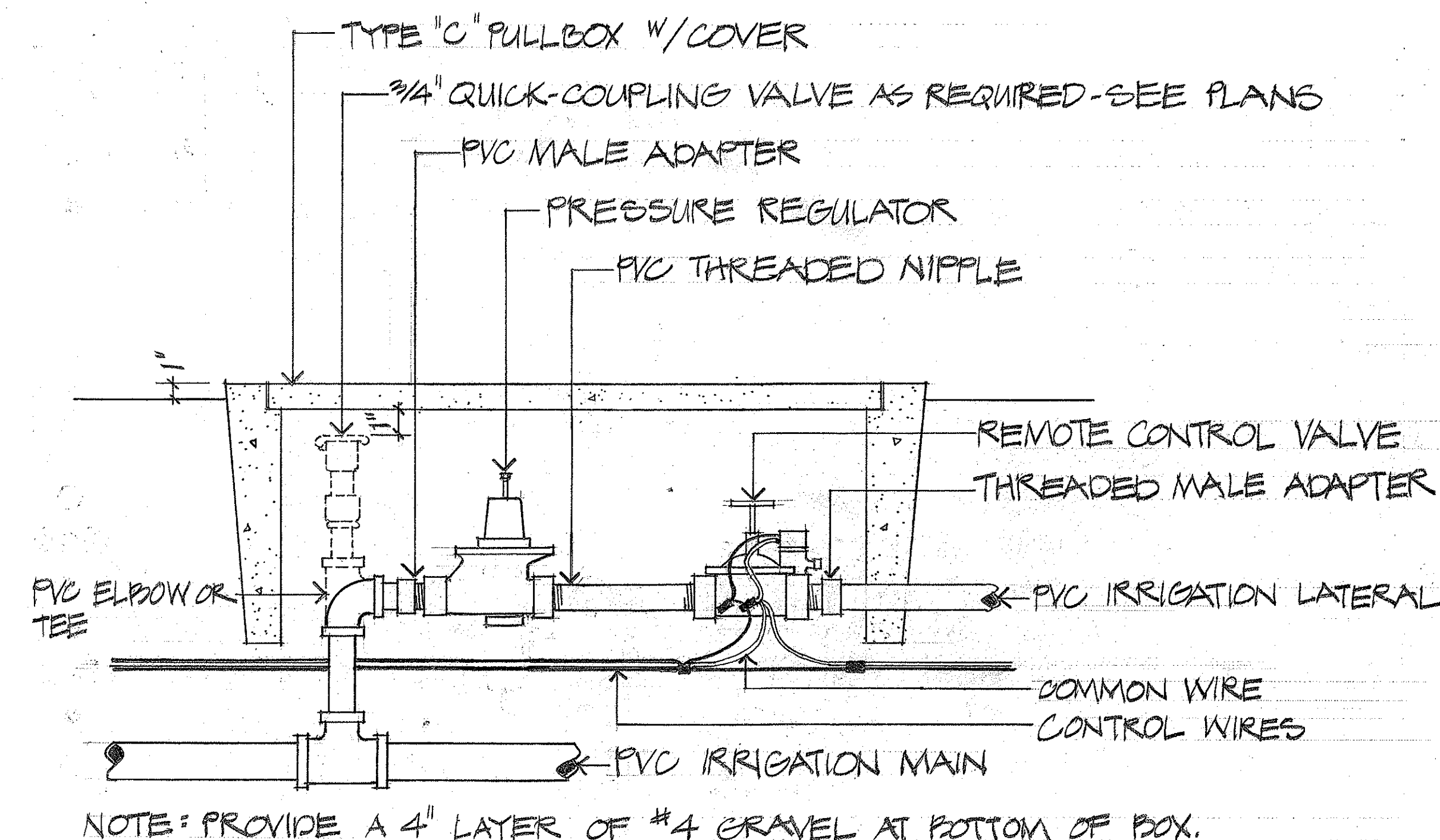
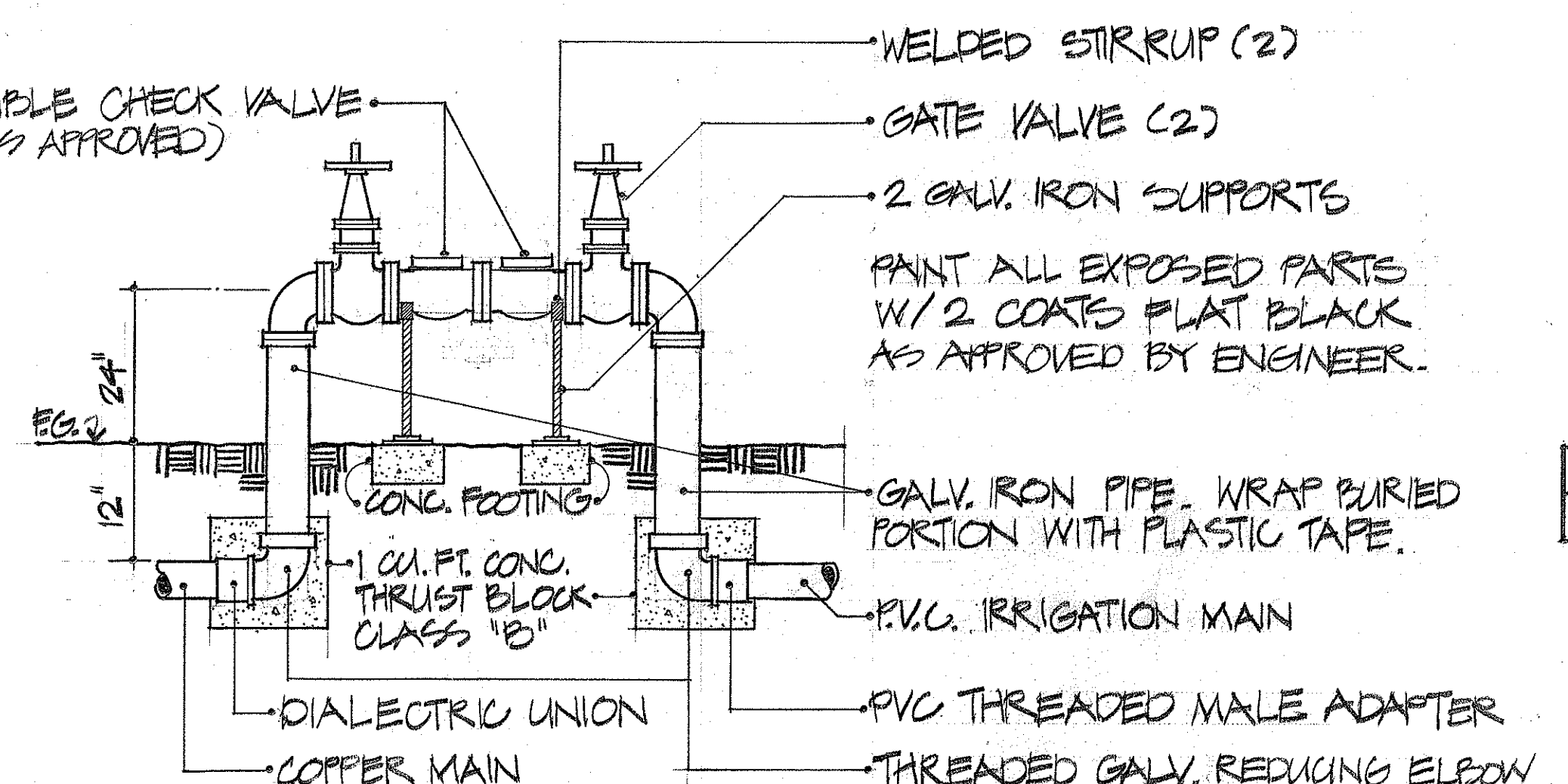
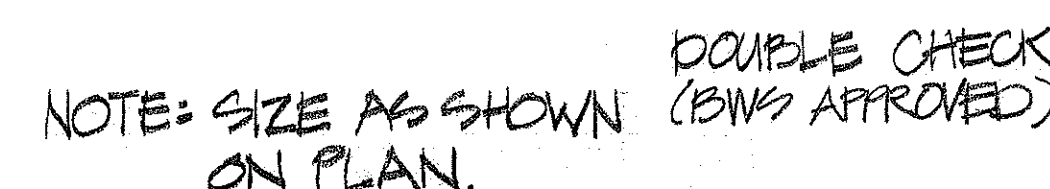
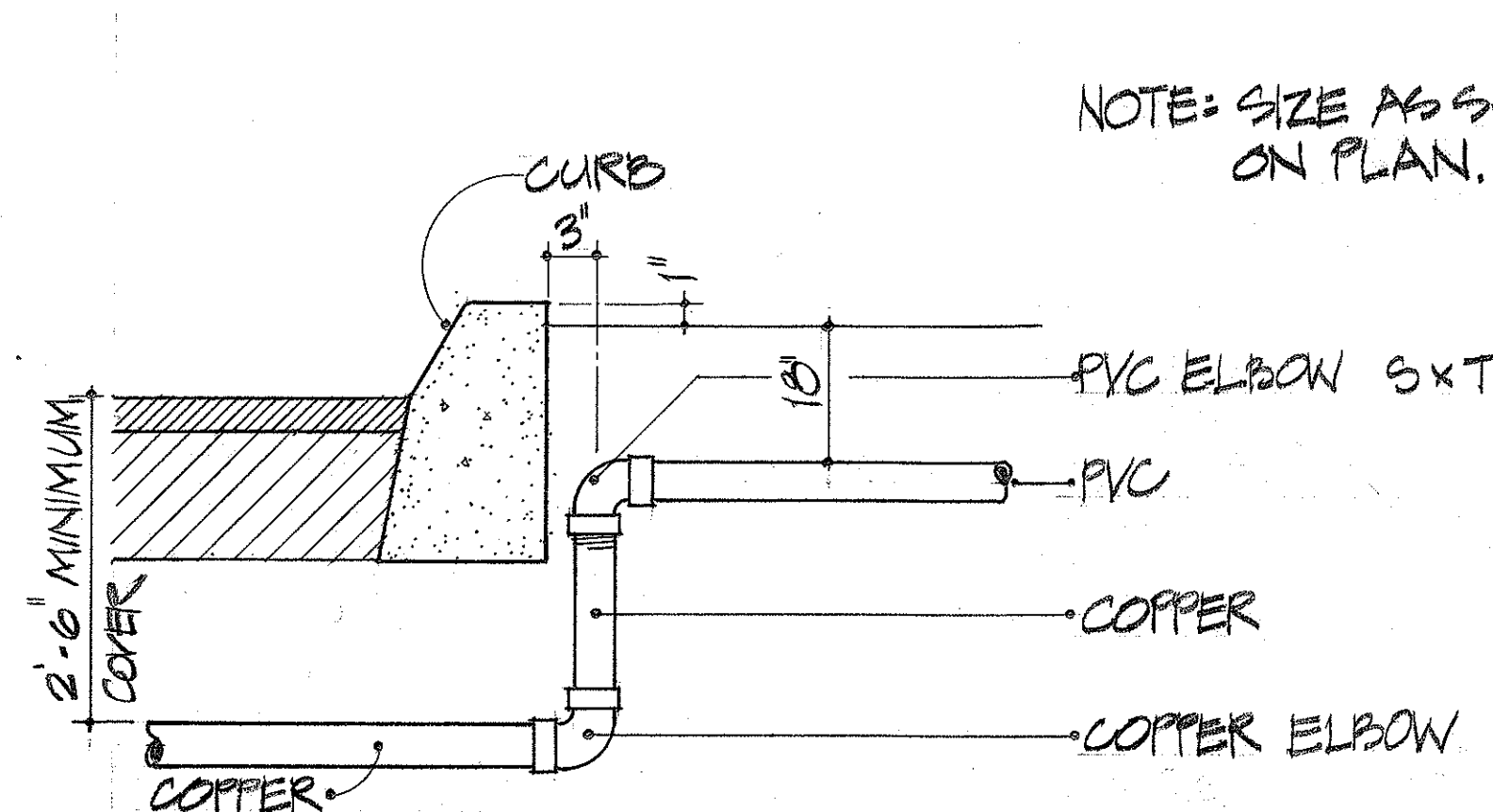
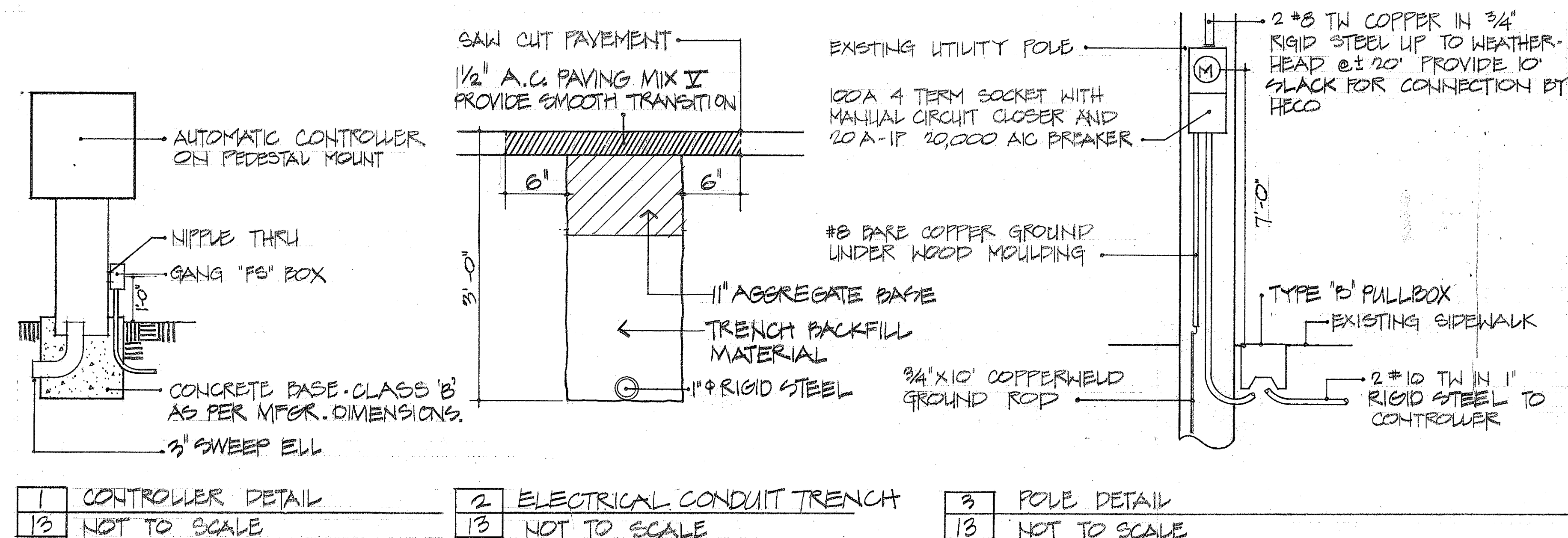
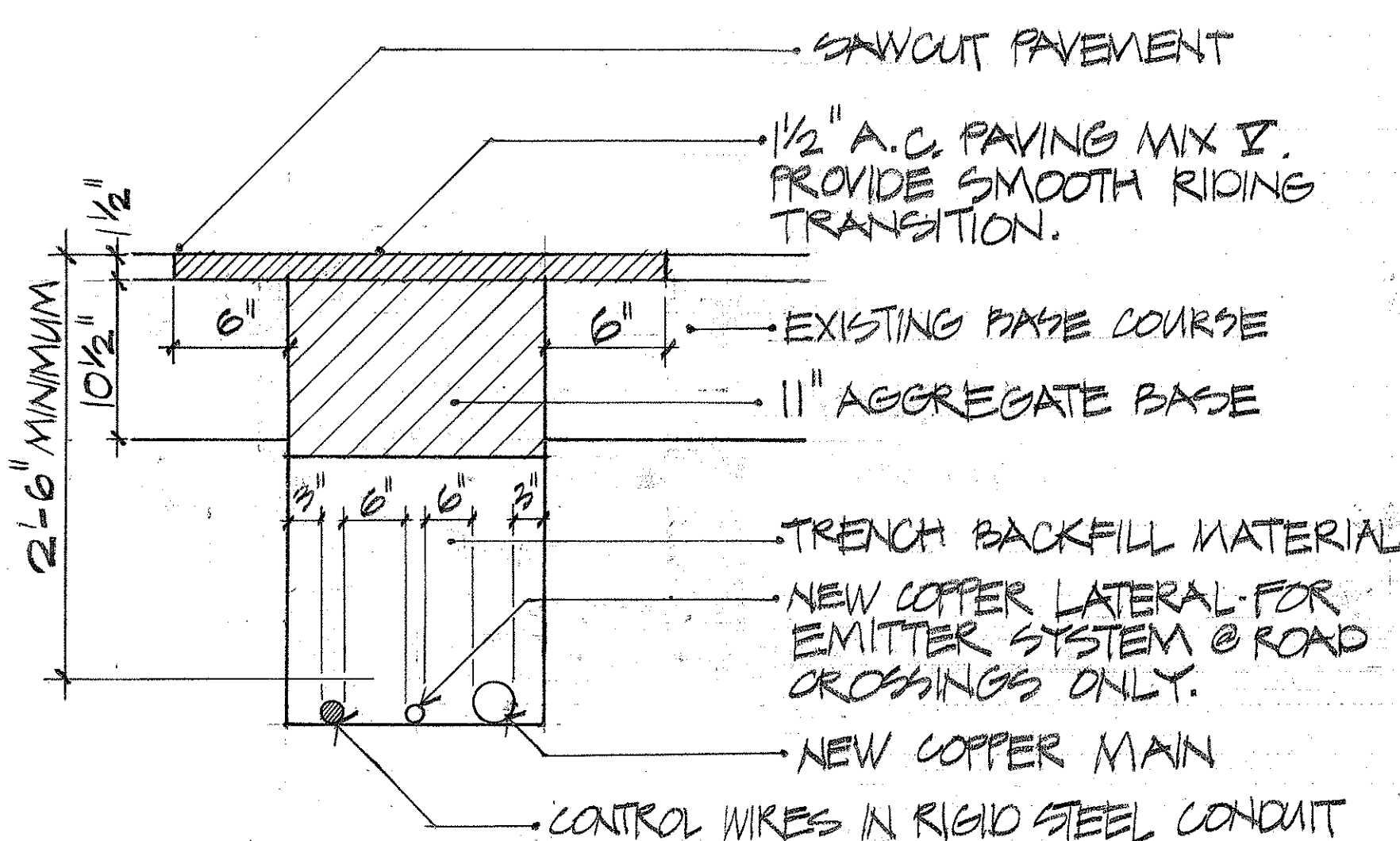


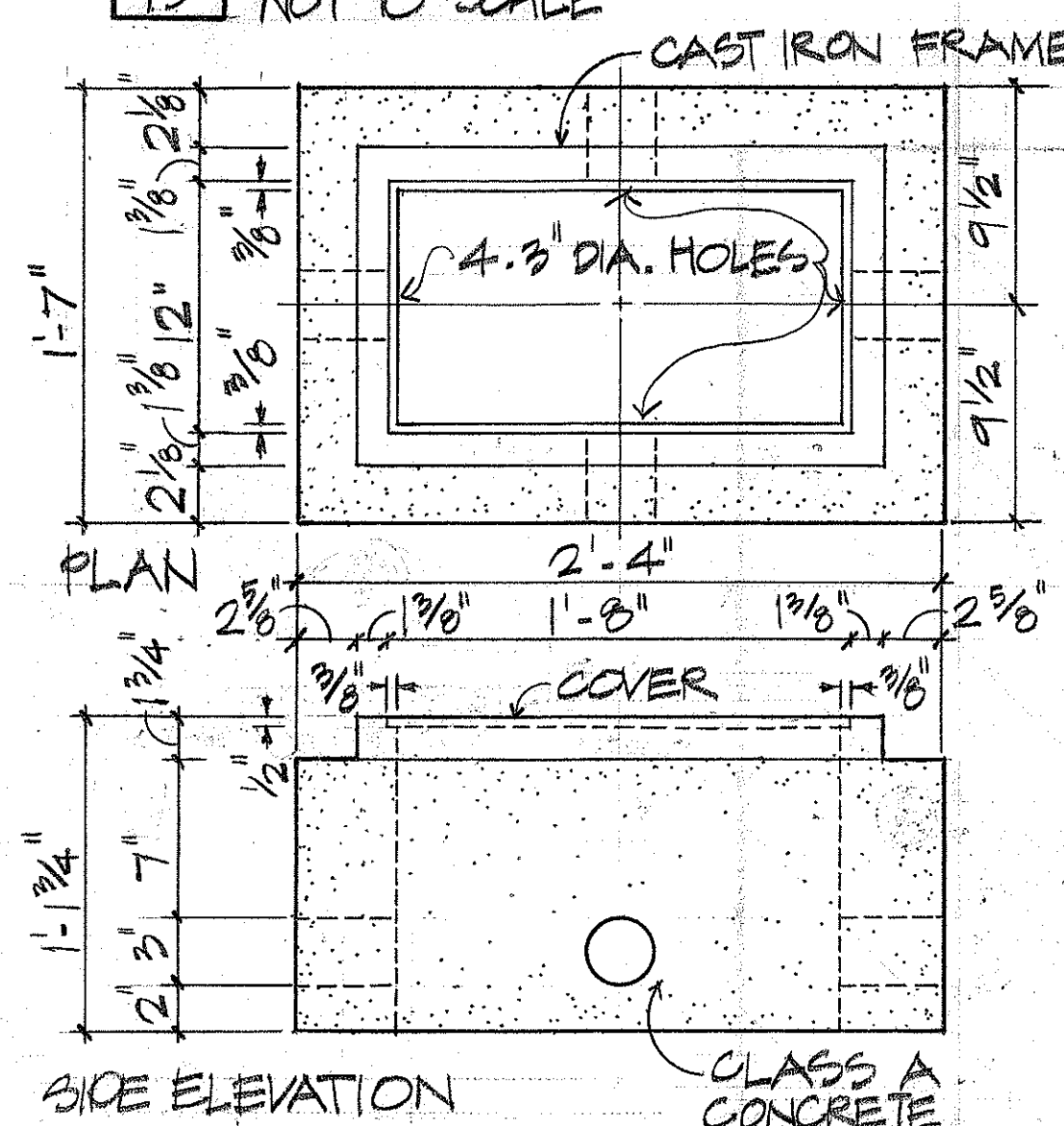
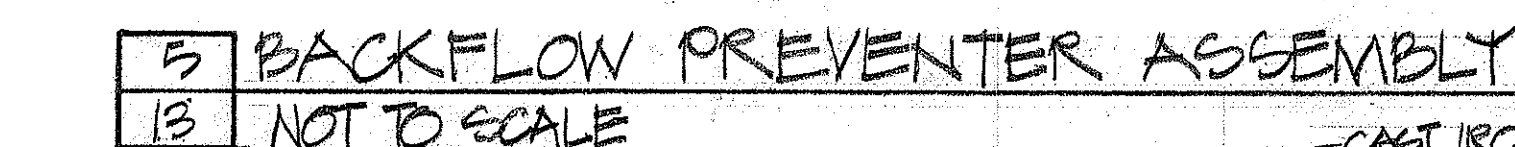
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	63706-01-75	1977	13	15



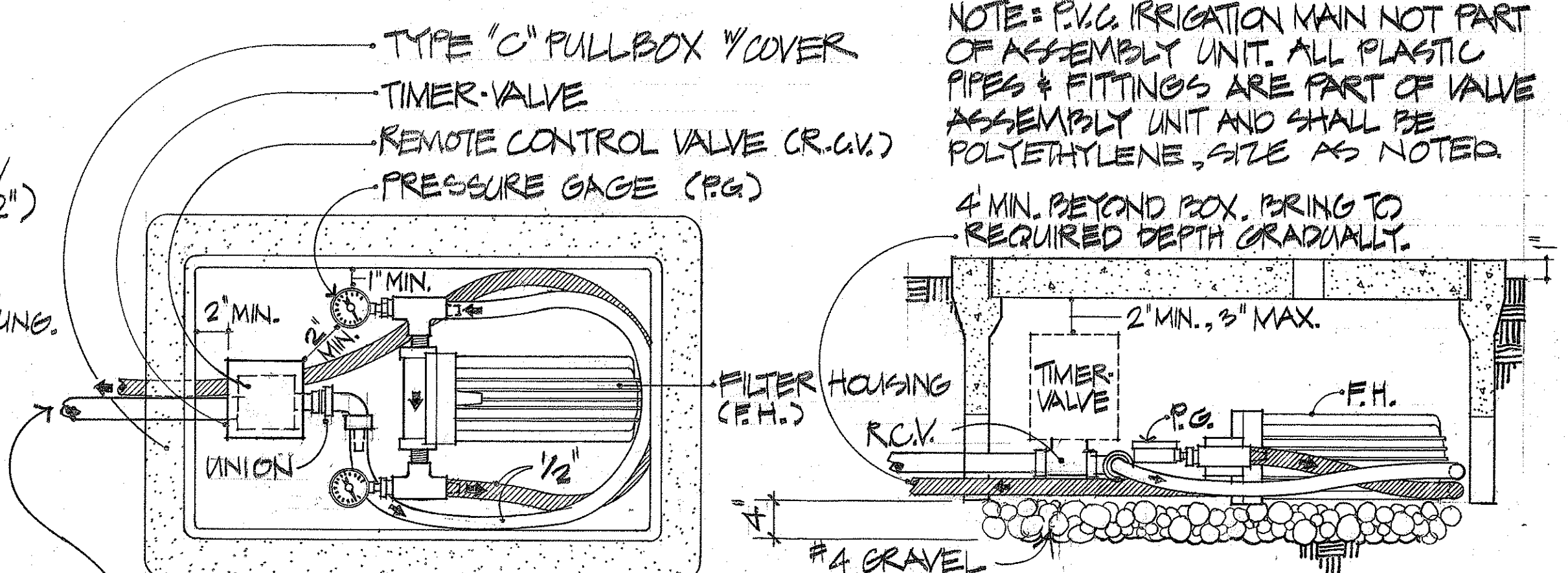
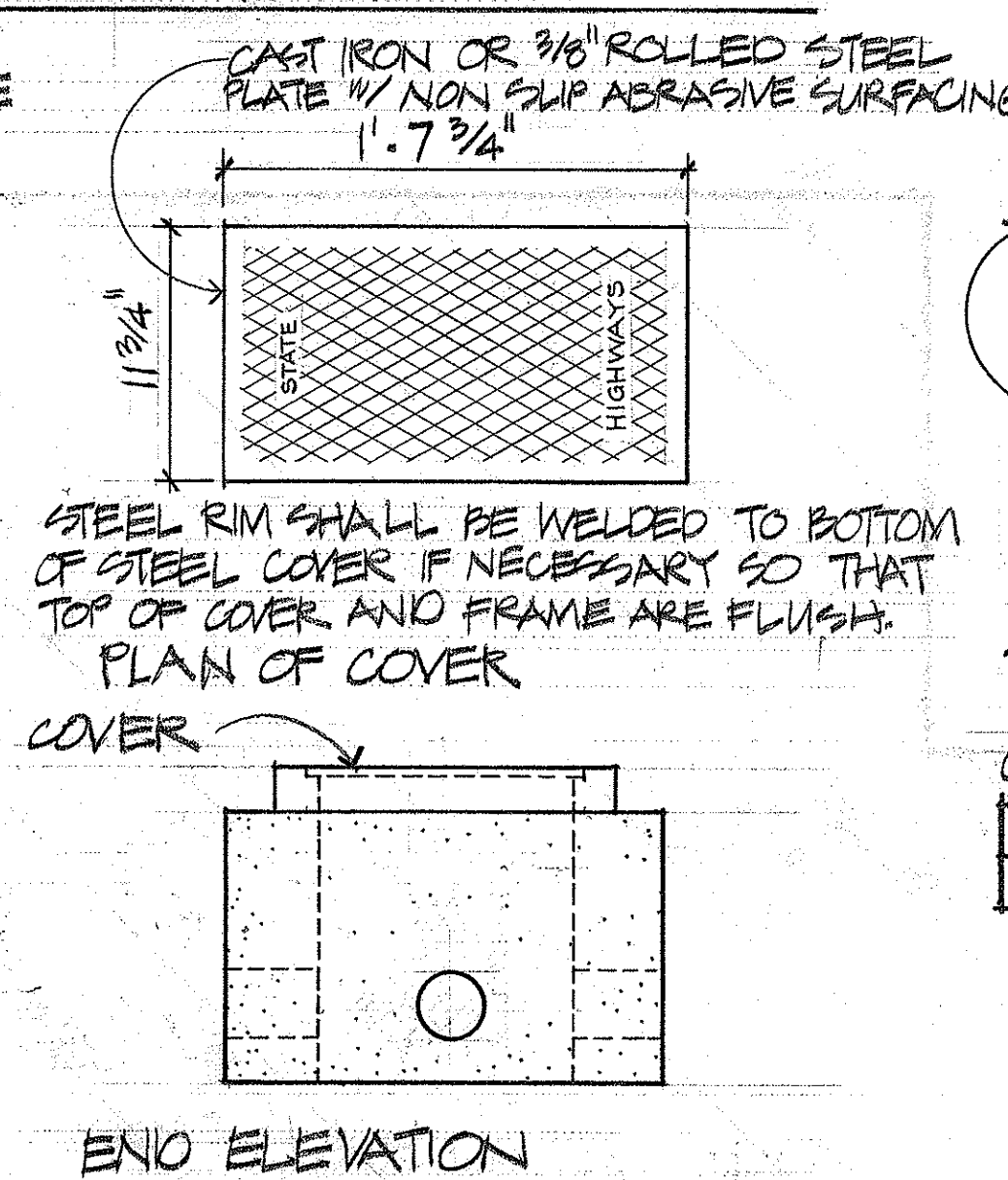
7	TYPICAL DETAIL AT REMOTE CONTROL VALVE
13	NOT TO SCALE



4	TYPICAL DETAIL OF ROAD CROSSING
13	NOT TO SCALE



6	TYPE "B" PULLBOX
13	1 1/2" = 1'-0"



PLAN

NOTE = BEFORE EACH TIMER VALVE ASSEMBLY THERE SHALL BE A PRESSURE REGULATOR (AS DETAILED ABOVE) IN A PRESSURE REGULATOR BOX (AS DETAILED ON SHEET 14).

8	TIMER / VALVE ASSEMBLY
13	NOT TO SCALE



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

David T. Woolsey

ASST. CHIEF ENGINEER DATE
BOARD OF WATER SUPPLY

APPROVED FOR CROSS-CONNECTION
CONTROL REQUIREMENTS

Tahuli Uyemay

BOARD OF WATER SUPPLY

4-28-77

DATE

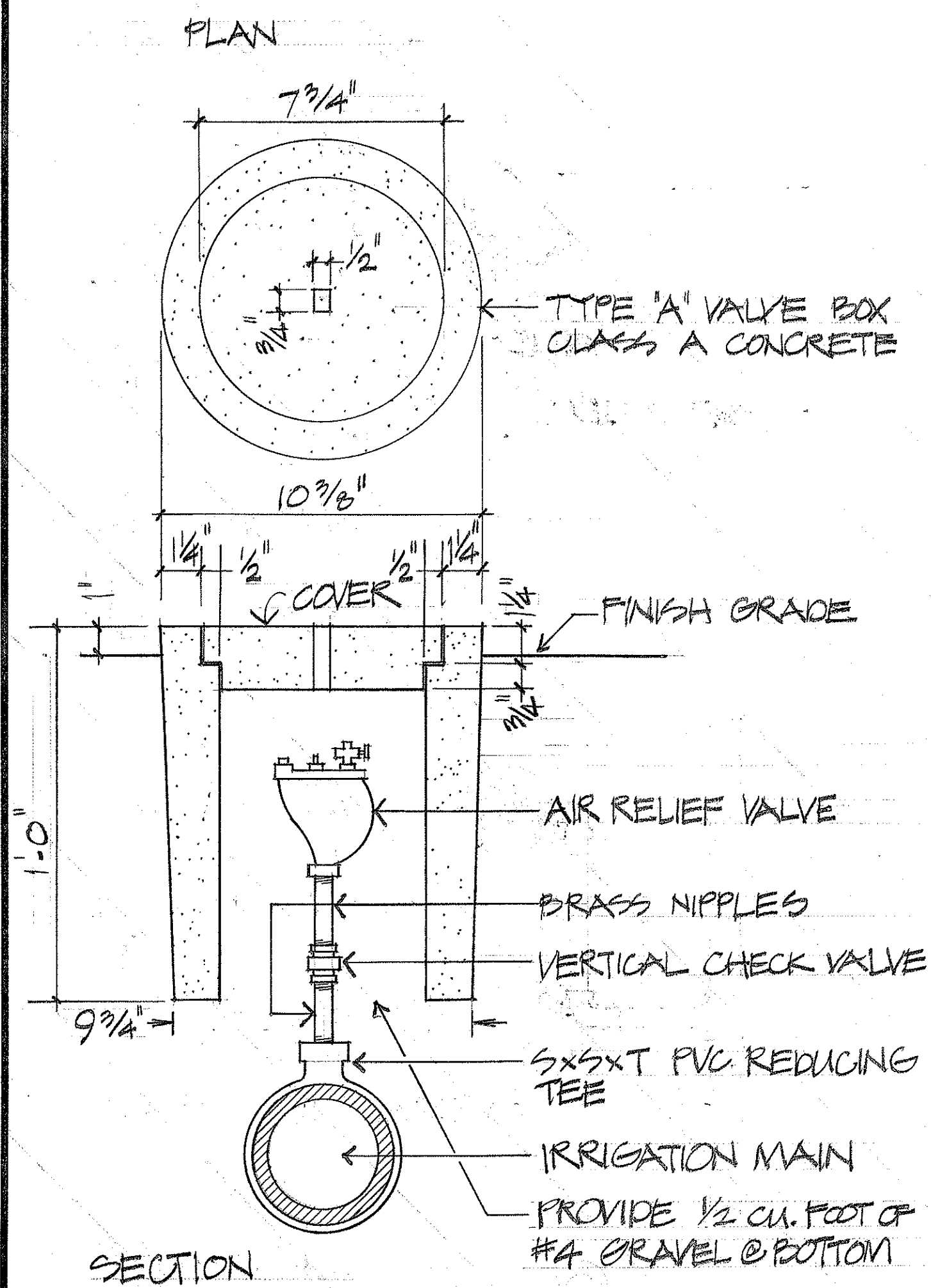
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SPRINKLER DETAILS

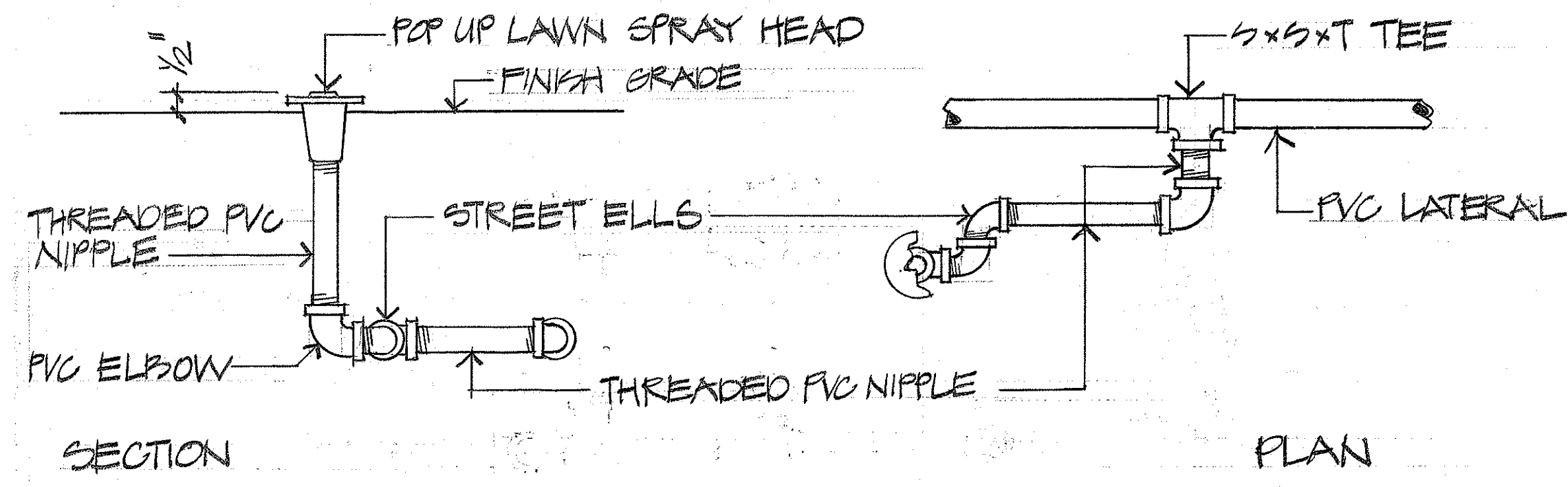
MOKAPU BOULEVARD MEDIAN
LANDSCAPING & SPRINKLER SYSTEM
PROJECT NUMBER 630C-01-75

SCALE: NONE 3 MARCH 1976

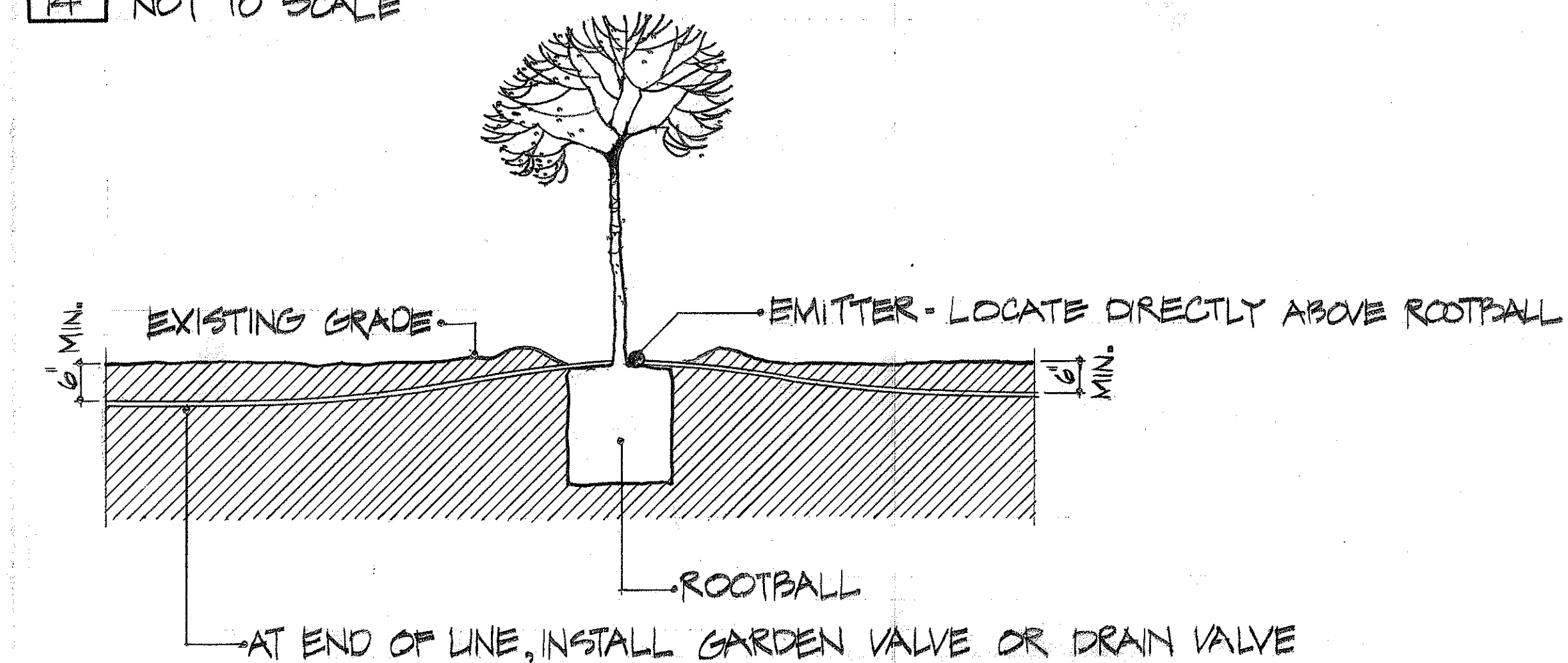
SHEET NO. 1 OF 3 SHEETS



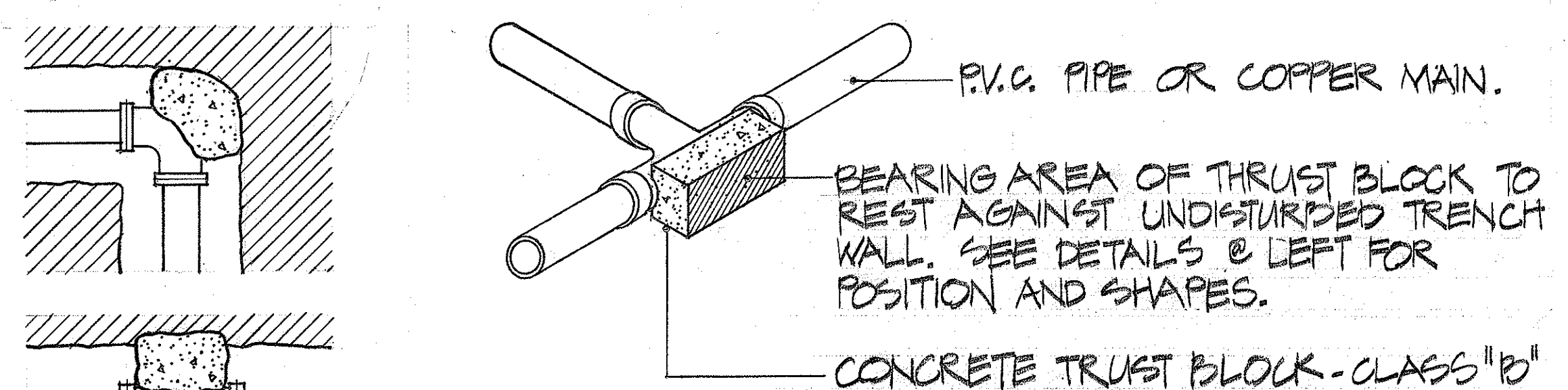
1 AIR RELIEF VALVE W/ TYPE "A" VALVE BOX - NOT TO SCALE



2 LAWN SPRAY HEAD DETAIL
14 NOT TO SCALE



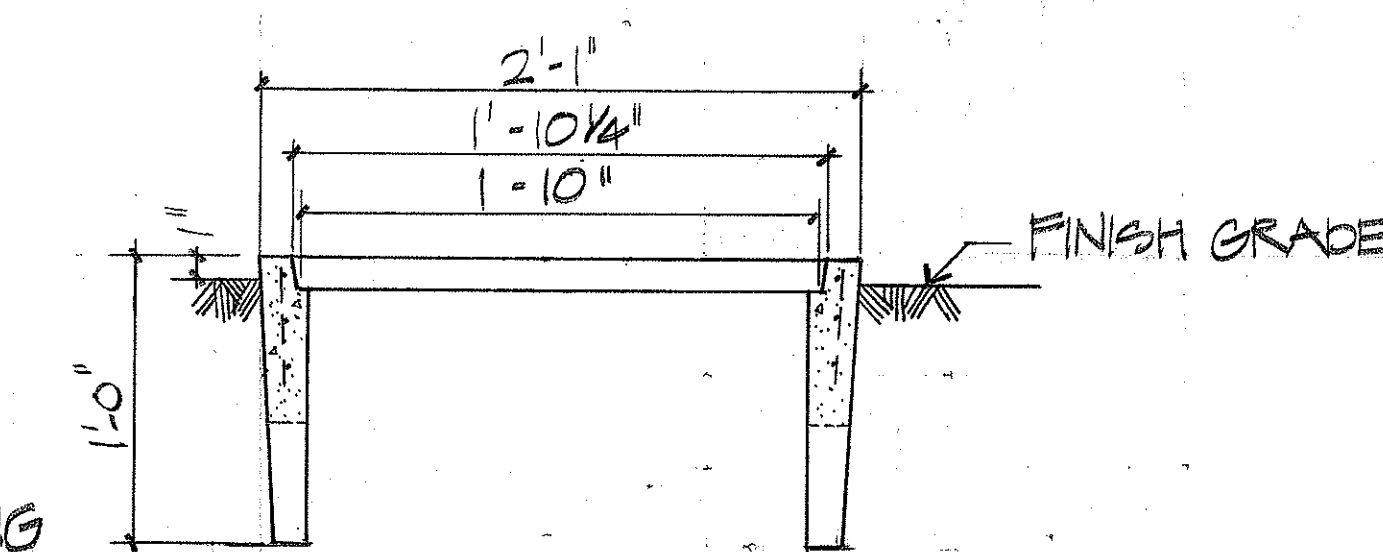
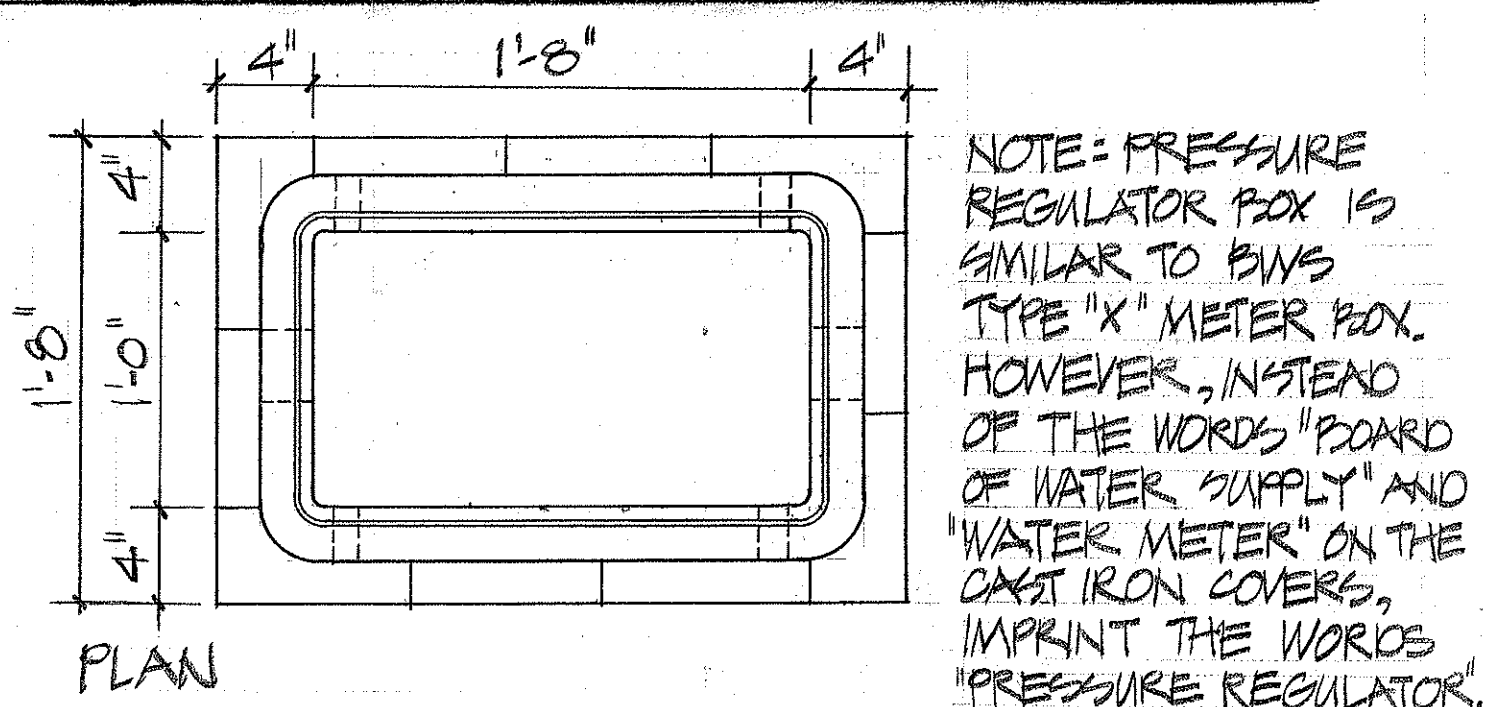
3 EMITTER DETAIL - TYPICAL FOR ALL TREES AND PALMS
14 NOT TO SCALE



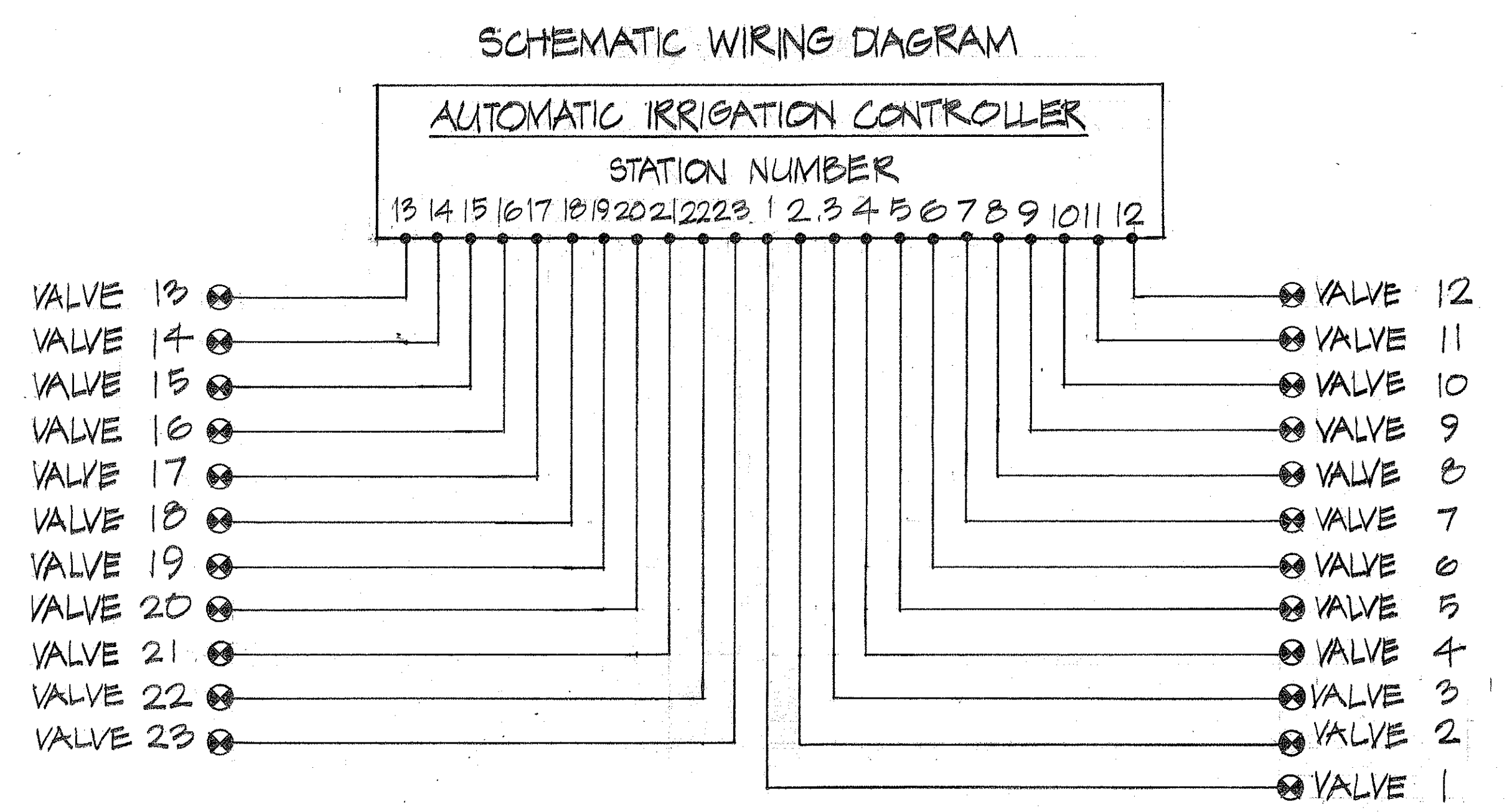
REQUIRED BEARING AREA FOR THRUST BLOCKS (N 50 FT.)					
PIPE SIZE	1 1/4"	1 1/2"	2"	2 1/2"	3"
TEES AND CROSSINGS	0.50	0.50	0.50	0.50	1.00
90° BEND	0.50	0.50	0.50	0.75	1.25

NOTE: ALL MAIN LINES TO BE INSTALLED & TESTED ACCORDING TO MFGR.'S INSTALLATION GUIDE. EACH SHALL BE A PART OF THE INSTALLATION SPECIFICATIONS.

4 TYPICAL THRUST BLOCK DETAILS
14 NOT TO SCALE



5 PRESSURE REGULATOR BOX
14 NOT TO SCALE



SYSTEM NUMBER	STATION NUMBER	OPERATING SCHEDULE			STARTING TIME
		MONDAY	WED.	FRIDAY	
1	1	15	15	15	12:00 a.m.
2	2	10	10	10	
3	3	20	20	20	
4	4	25	25	25	
5	5	25	25	25	
6	6	25	25	25	
7	7	15	15	15	
8	8	10	10	10	
9	9	20	20	20	
10	10	25	25	25	
11	11	20	20	20	
12	12	15	15	15	
13	13	15	15	15	
14	14	15	15	15	
15	15	20	20	20	
16	16	25	25	25	
17	17	25	25	25	
18	18	15	15	15	
19	19	10	10	10	
20	20	20	20	20	
21	21	20	20	20	
22	22	15	15	15	
23	23	15	15	15	

SPRINKLER	OPERATING SCHEDULE	STARTING TIME
A	5 HOURS EVERY OTHER DAY	6:00 p.m.
B	3 HOURS " " " "	"
C	5 HOURS " " " "	"

SPRINKLER SYSTEM NUMBER	OPERATING SCHEDULE		STARTING TIME
	N.I.C.		
	TIME SYSTEM IN OPERATION EVERY OTHER DAY		
C-1	30 MINUTES	11:00 p.m.	
C-2	20 "	11:00 p.m.	
C-3	30 "	11:25 p.m.	
C-4	20 "	12:00 a.m.	
C-5	20 "	12:25	
C-6	20 "	12:50	
C-7	30 "	1:15	
C-8	20 "	1:50	
C-9	40 "	2:15	
C-10	40 "	2:40	
C-11	20 "	3:45	
C-12	20 "	4:10 a.m.	

APPROVED FOR CROSS-CONNECTION CONTROL REQUIREMENTS
Tahira Uyemura
BOARD OF WATER SUPPLY
4-3-77
DATE

DAVID T. WOOLSEY
REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT
No. 2861
HAWAII, U.S.A.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SPRINKLER DETAILS
MOKAPU BOULEVARD MEDIAN
LANDSCAPING & SPRINKLER SYSTEM
PROJECT NUMBER 620C-01-75
SCALE: NONE
3 MAR. 1976
SHEET NO. 2 OF 3 SHEETS

ASST. CHIEF ENGINEER
BOARD OF WATER SUPPLY
DATE

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
David T. Woolsey

