

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	LT-K-05-78	1984	L-7	12

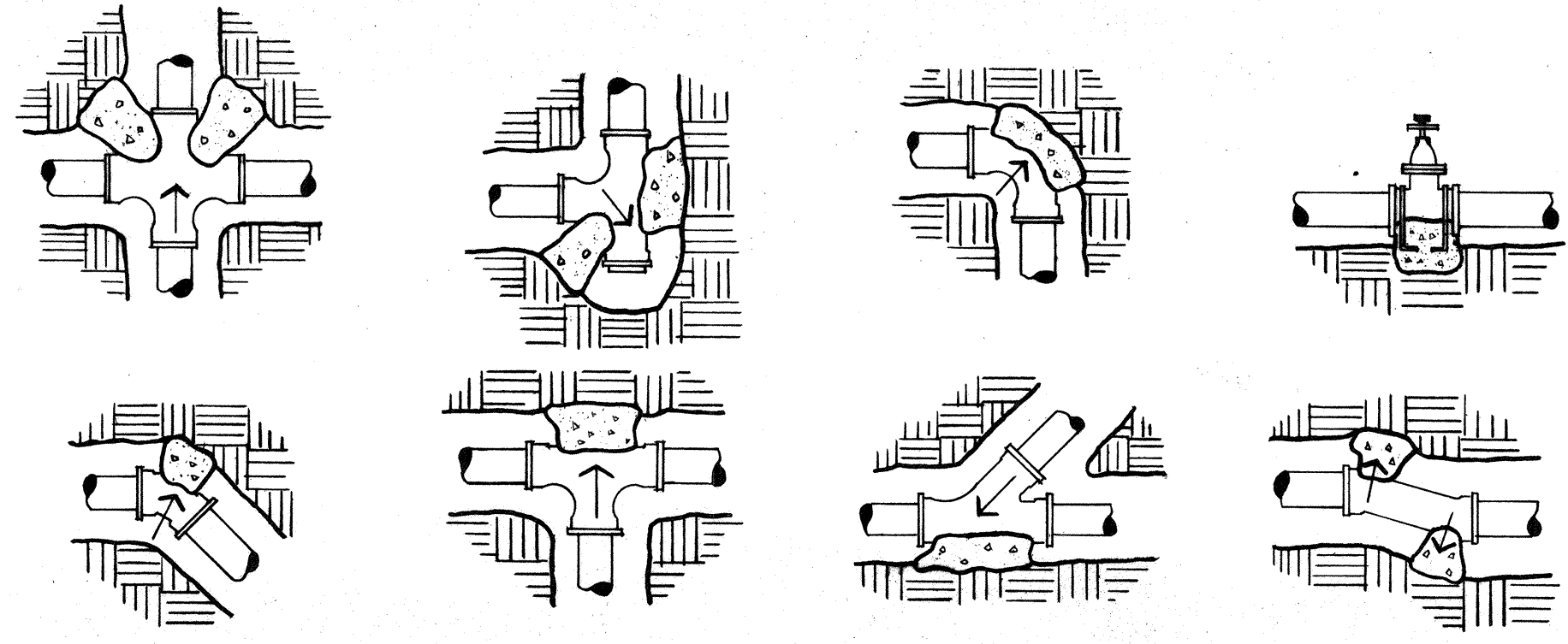
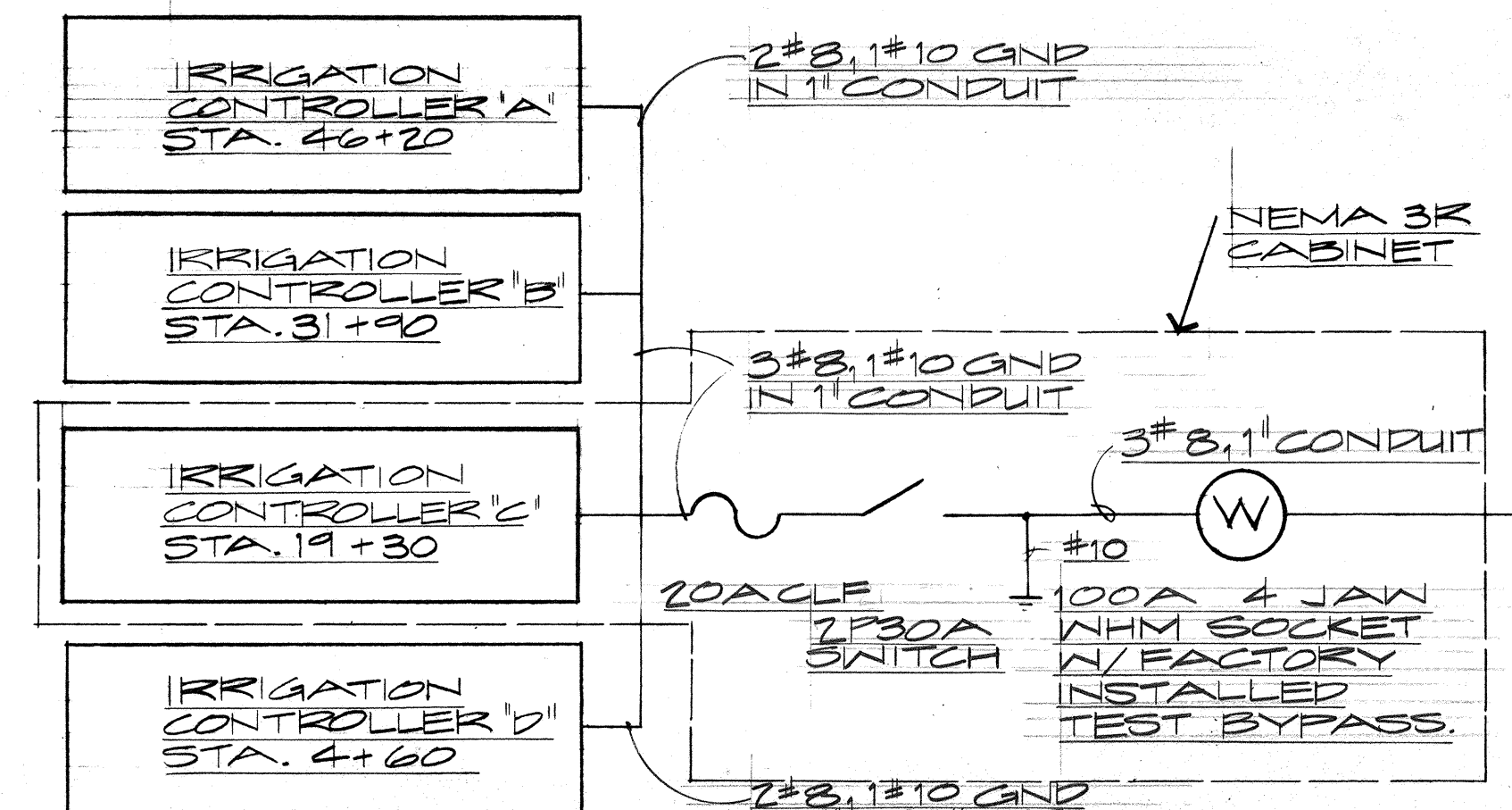


TABLE FOR BEARING AREA OF THRUST BLOCKS (SQ. FT.)

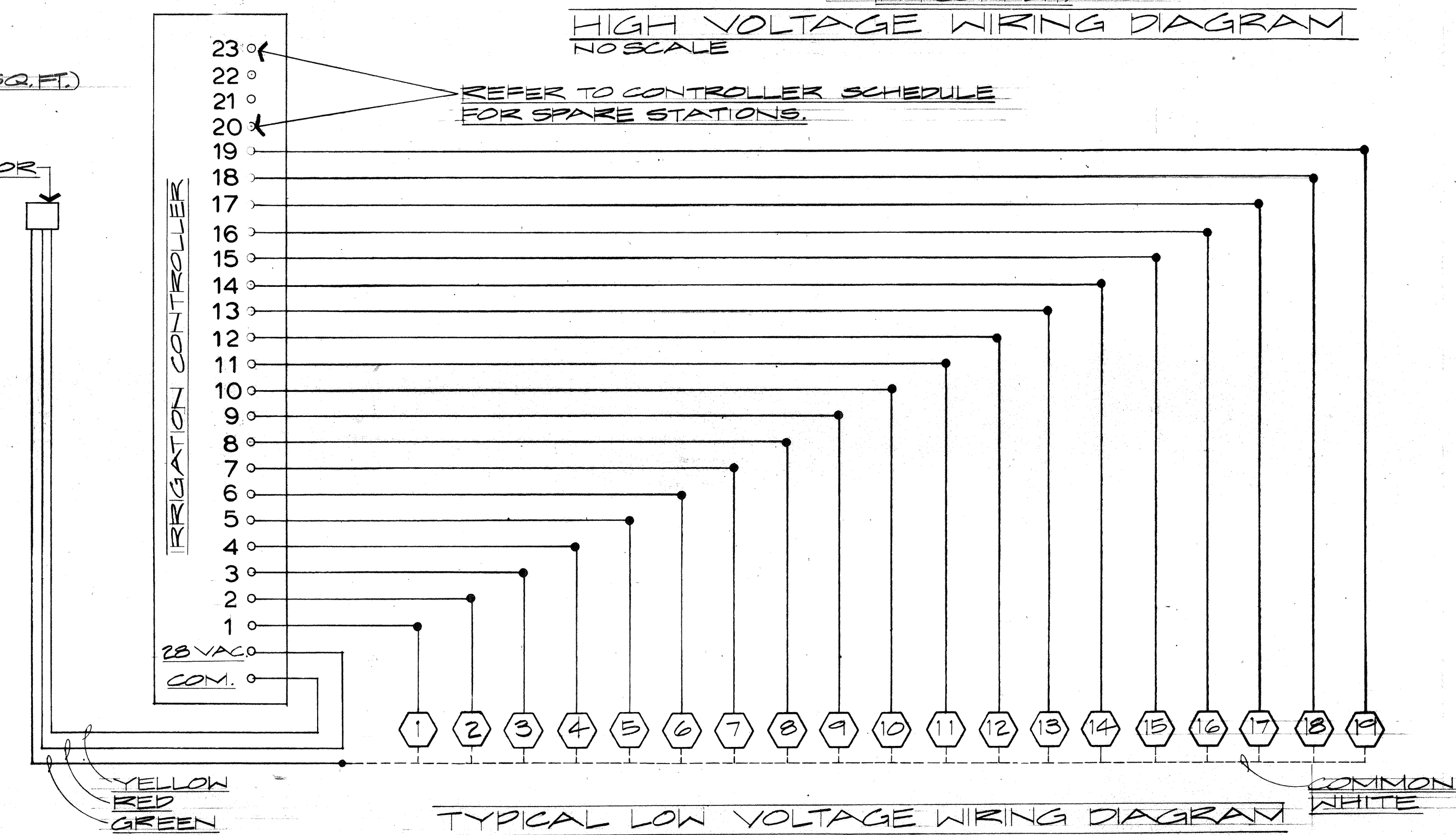
PIPE SIZE	1/4"	1/2"	2"	2 1/2"	3"	4"
TEES & CROSSES	0.50	0.50	0.50	0.50	1.00	1.25
90° BEND	0.50	0.50	0.50	0.75	1.25	2.00
45° BEND	0.50	0.50	0.50	0.50	0.75	1.00

TYP. THRUST BLOCK DETS.

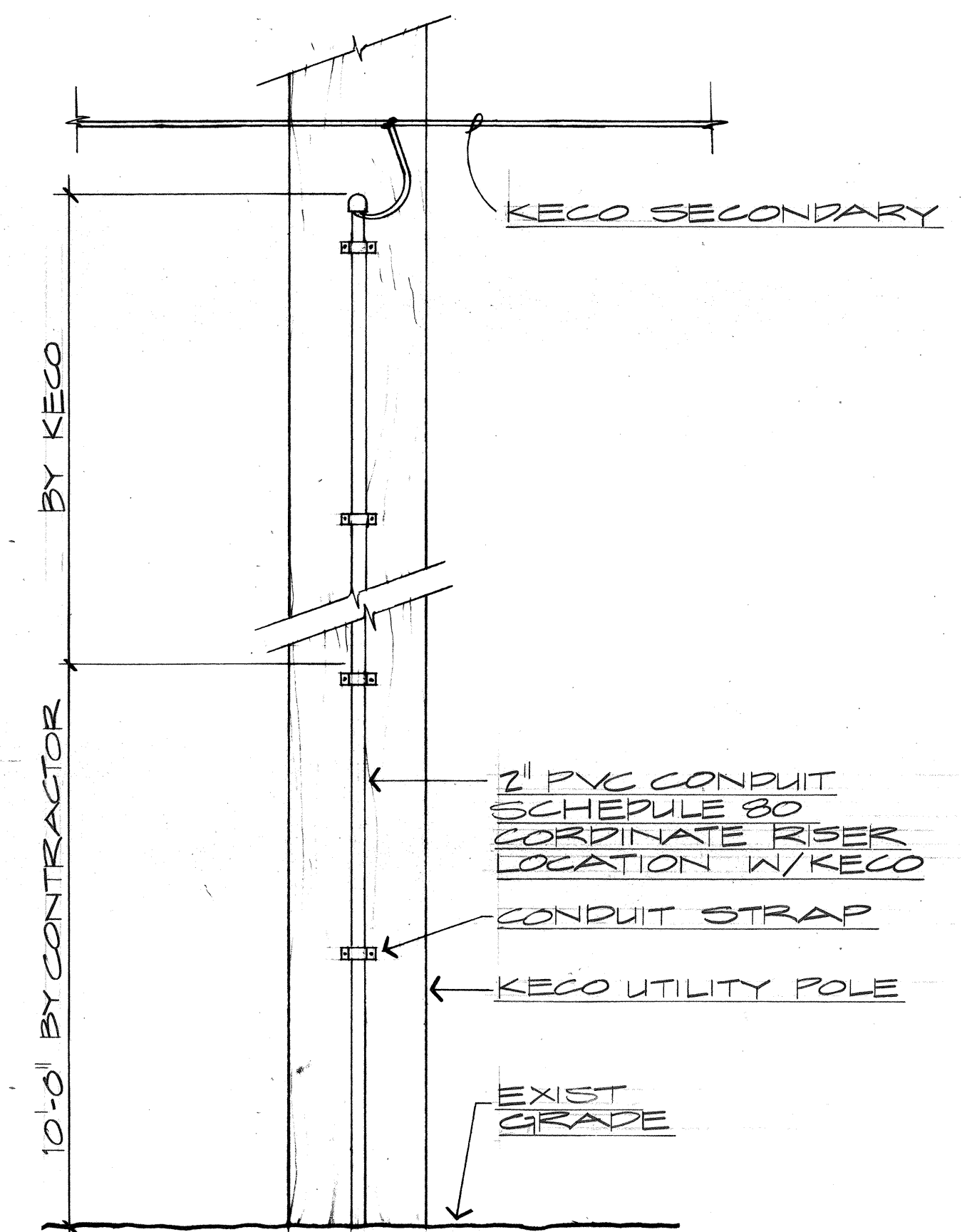
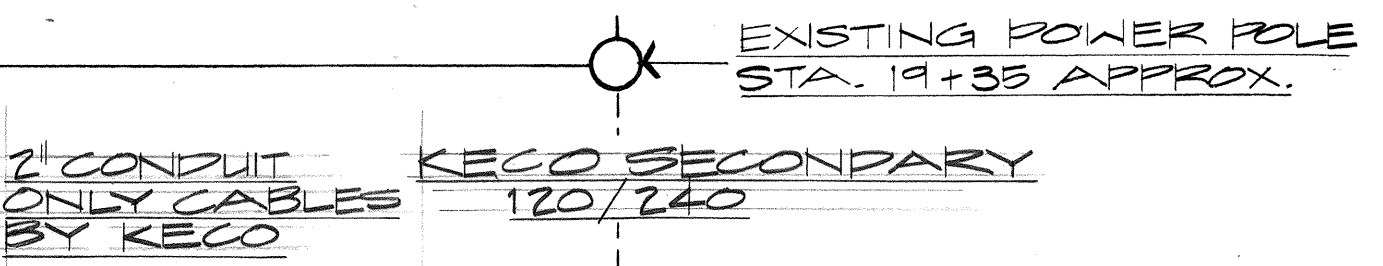
NO SCALE



HIGH VOLTAGE WIRING DIAGRAM
NO SCALE



TYPICAL LOW VOLTAGE WIRING DIAGRAM



UTILITY POLE RISER DET.
NO SCALE

IRRIGATION LEGEND

SYMBOL	ITEMS	COVERAGE RADIUS	PRESSURE P.S.I.	FLOW G.P.M.	DESCRIPTION AND MATERIAL
○	6" POP-UP SPRINKLER, FULL CIRCLE	0-15'	20-30	4	PLASTIC BODY AND NOZZLE WITH BASKET SCREEN.
◐	" " " " HALF CIRCLE	0-15'	20-30	2	" " " " " " " " " " " "
•	BUBBLER, PRESSURE COMPENSATING		30-40+	0.25	" " " " " " " " " " " "
∞	2" REDUCED PRESSURE BACKFLOW PREVENTER				DEPARTMENT OF WATER, COUNTY OF KAUAI APPROVED.
⊕	GATE VALVE				BRONZE BODY, 200 WOG.
⊗	ELECTRIC GLOBE VALVE				BRASS BODY
△	PRESSURE REDUCING VALVE				BRONZE BODY, 300 PSI INLET, 25-75 PSI SPRING RANGE.
⊠	3/4" PRESSURE RELIEF VALVE				" " " " STAINLESS STEEL SPRING, SET AT 150 PSI
□	1/2" AIR RELIEF VALVE				" " " " " " " " " " " "
□	IRRIGATION CONTROLLER, 23 STATION				DOUBLE DUAL 14-DAY PROGRAM, CONTROLLER "A", "B", "D" WITH PEDESTAL.
—	IRRIGATION MAIN				CONTROLLER "C" WALL MOUNT.
—	IRRIGATION LATERAL				PVC, SCHEDULE 40 (PIPE UNDER PAVEMENT: COPPER TYPE "K")
○ 23 / 120 2"	CONTROLLER DESIGNATION / CIRCUIT NO. FLOW (GPM) THRU VALVE / VALVE SIZE				PVC, CLASS 200
3"	SIZE OF GATE VALVE				
2"	SIZE OF PRESSURE REDUCING VALVE				

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

IRRIGATION
DETAILS & LEGEND

LIHUE AIRPORT
GATEWAY BEAUTIFICATION

PROJECT NO. LT-K-05-78

SCALE: NO SCALE DATE: 1 FEB. 1984

SHEET NO. L-7 OF 12 SHEETS