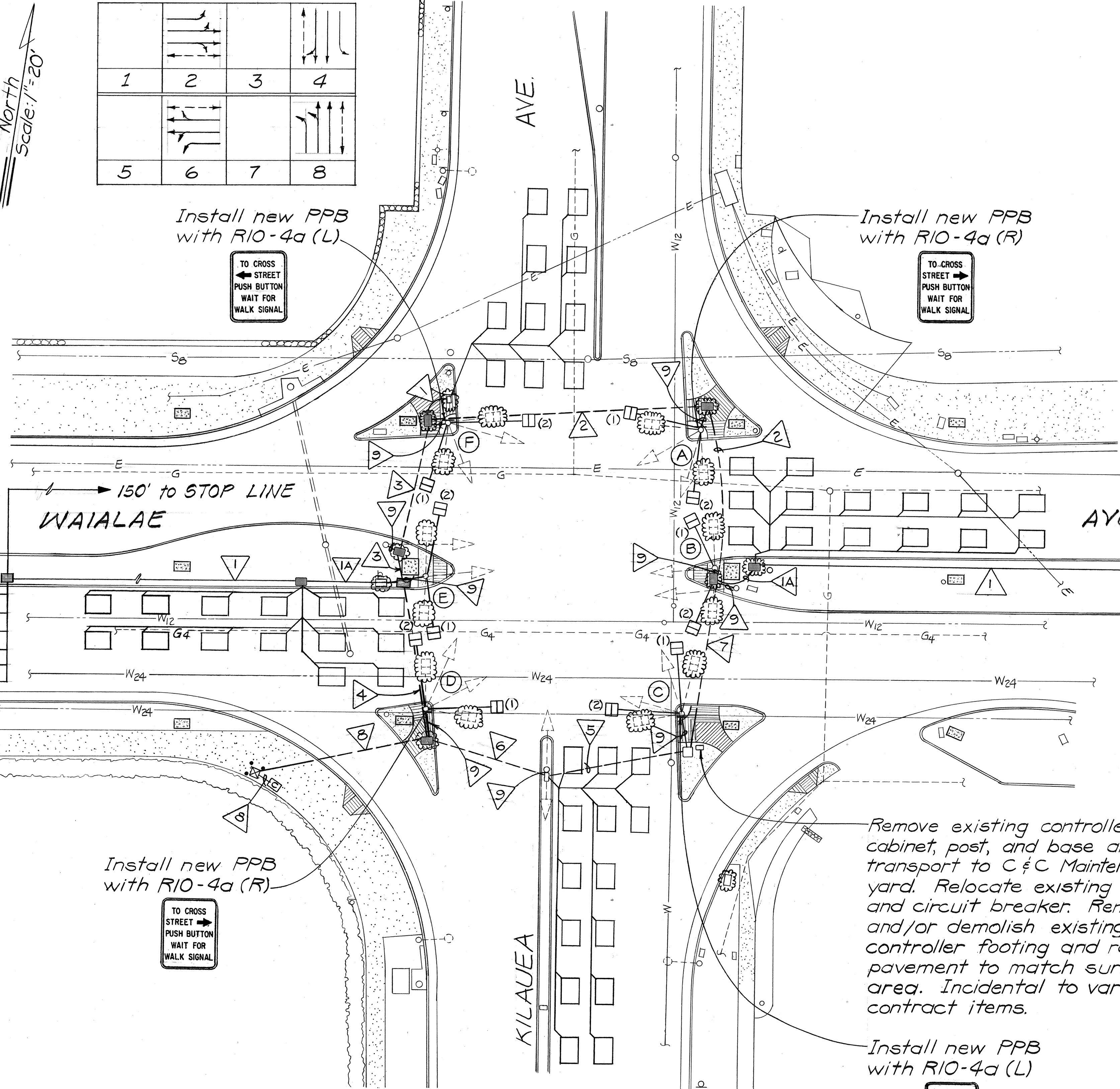
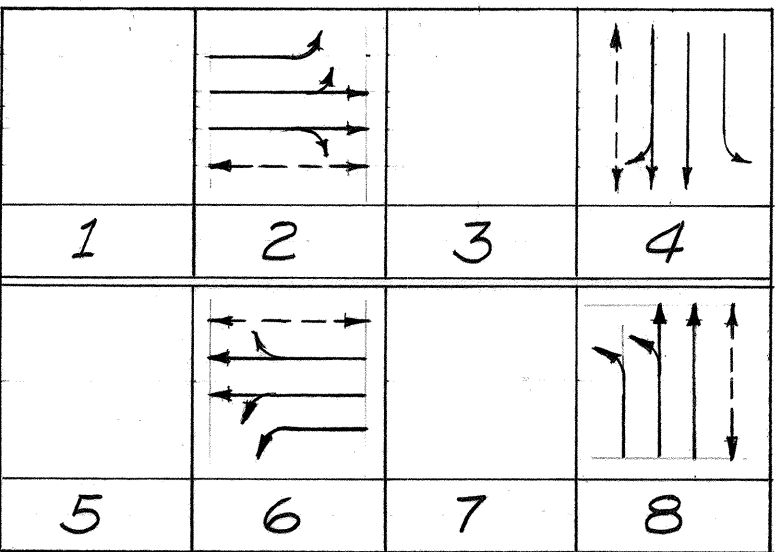


CONTROLLER DATA

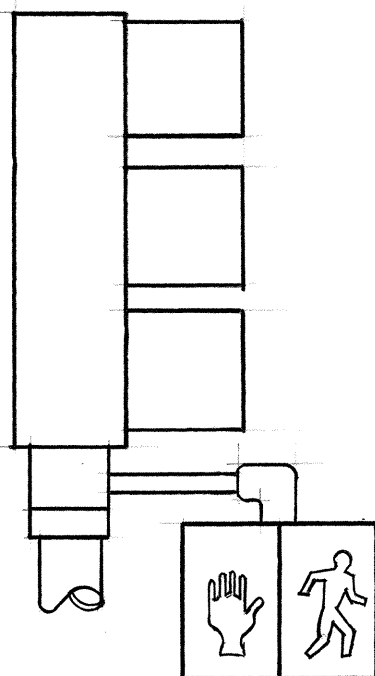
Controller unit: Model 170

Detector unit channels required: 4

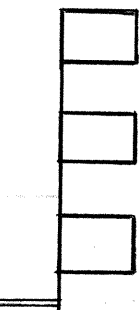
PHASE DIAGRAM



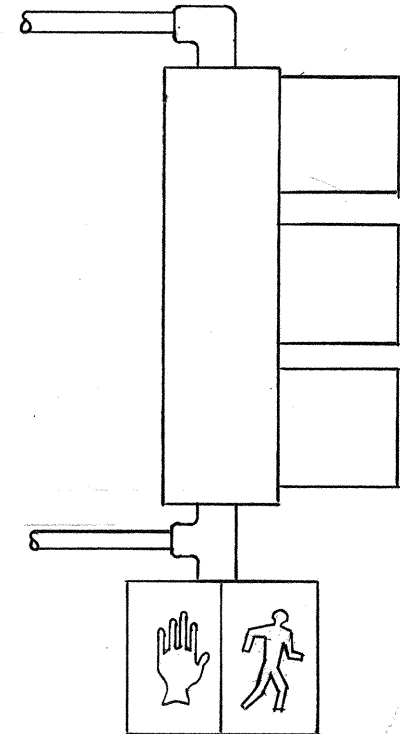
MOUNTED SIGNAL



CANTILEVER 1-WAY (C-1W)



MOUNTED SIGNAL



UNDERSLUNG 1-WAY (US-1W)

PEDESTRIAN SIGNAL MOUNTING NOT TO SCALE

STD	SIGNAL	MESSAGE*	MOUNTING
A	(1)	H & M	US-1W
	(2)	H & M	US-1W
B	(1)	H & M	C-1W
	(2)	H & M	C-1W
C	(1)	H & M	US-1W
	(2)	H & M	US-1W
D	(1)	H & M	US-1W
	(2)	H & M	US-1W
E	(1)	H & M	C-1W
	(2)	H & M	C-1W
F	(1)	H & M	US-1W
	(2)	H & M	US-1W

* Pedestrian Signal: Hand & Man

CONDUIT*	LF	CABLES	LF
1-2"	250	1-2c #14 (Detector)	260
1-2"	80	2-2c #14 (Detector)	90
2-2"	30 138	1-26c #14 1-2c #14	150 150
2-2"	15 47	1-26c #14 1-2c #14 (Detector) 2-2c #14 (PPB)	65 65 130
2-2"	10 48	1-26c #14 2-2c #14 (Detector) 2-2c #14 (PPB)	55 110 110
3-2" Installed by others	45	1-26c #14 1-2c #14 (Detector) 2-2c #14 (PPB) 1-3c #6	50 50 100 50
2-2" Installed by others	35	1-26c #14 2-2c #14 (Detector) 2-2c #14 (PPB) 1-3c #6	40 80 80 40
2-2"	15 52	1-26c #14 1-2c #14 (Detector) 1-2c #14 (PPB)	60 60 60
5-2"	30 55	2-26c #14 4-2c #14 (Detector) 4-2c #14 (PPB) 1-3c #6	120 240 240 60
Existing	-	1c #14 (No. Varies)	

* Conduits under roadway will be installed by others Deleted (C.C.O.#1)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC SIGNAL PLAN
WAIALAE AVENUE
Intersection Impr. at Kilauea Ave.
Project No. 7801A-01-87
Scale: As Shown Date: Nov, 1986
SHEET No. 4 OF 6 SHEETS