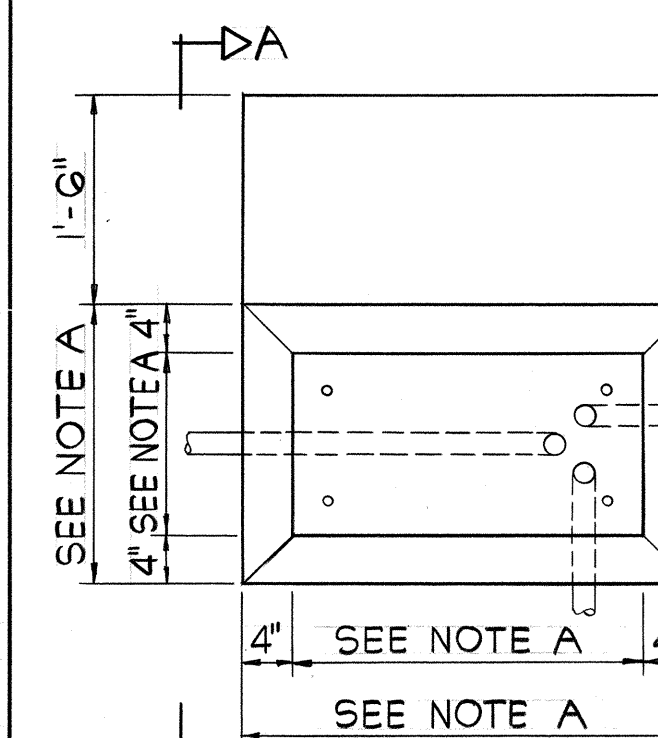


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FAU MG-0900(15)	1981	8	23

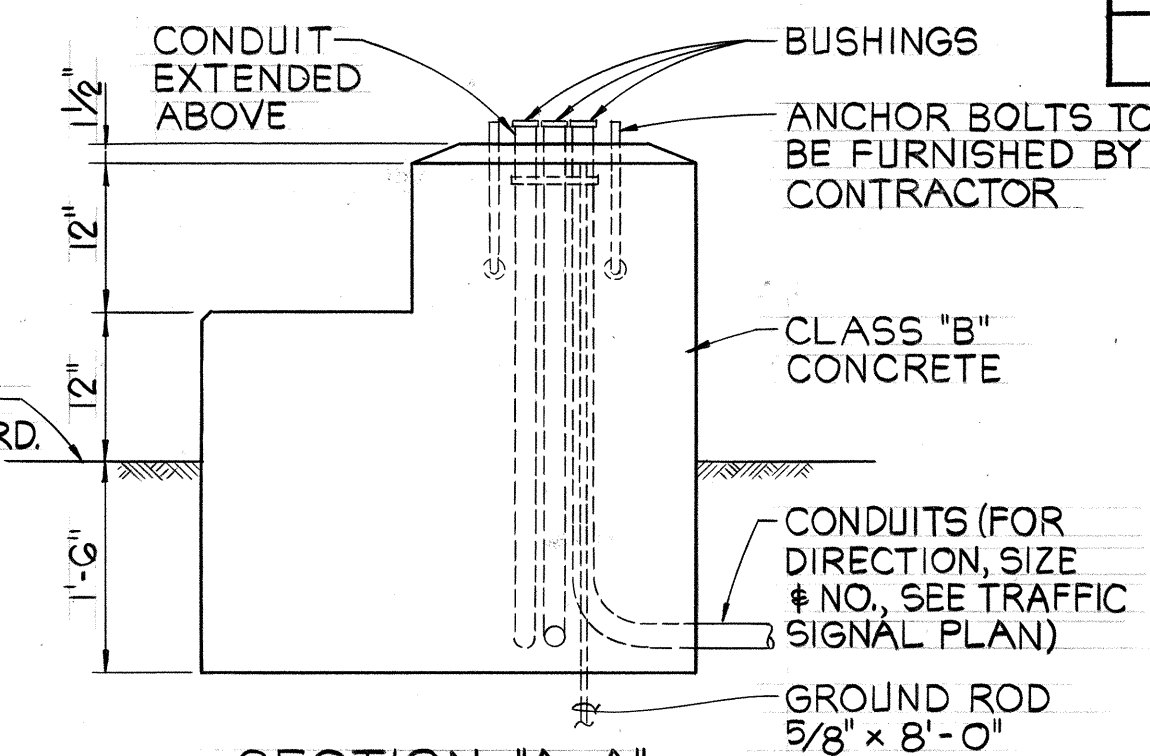
NOTES:

A. DIMENSIONS TO BE DETERMINED BY THE SIZE OF THE CONTROLLER CABINET TO BE FURNISHED UNDER THIS CONTRACT.

B. DETAILS OF CONDUITS, ANCHOR BOLTS, ETC. ARE APPROXIMATE ONLY. EXACT DETAILS SHALL BE SECURED BY THE CONTRACTOR FROM MANUFACTURER.

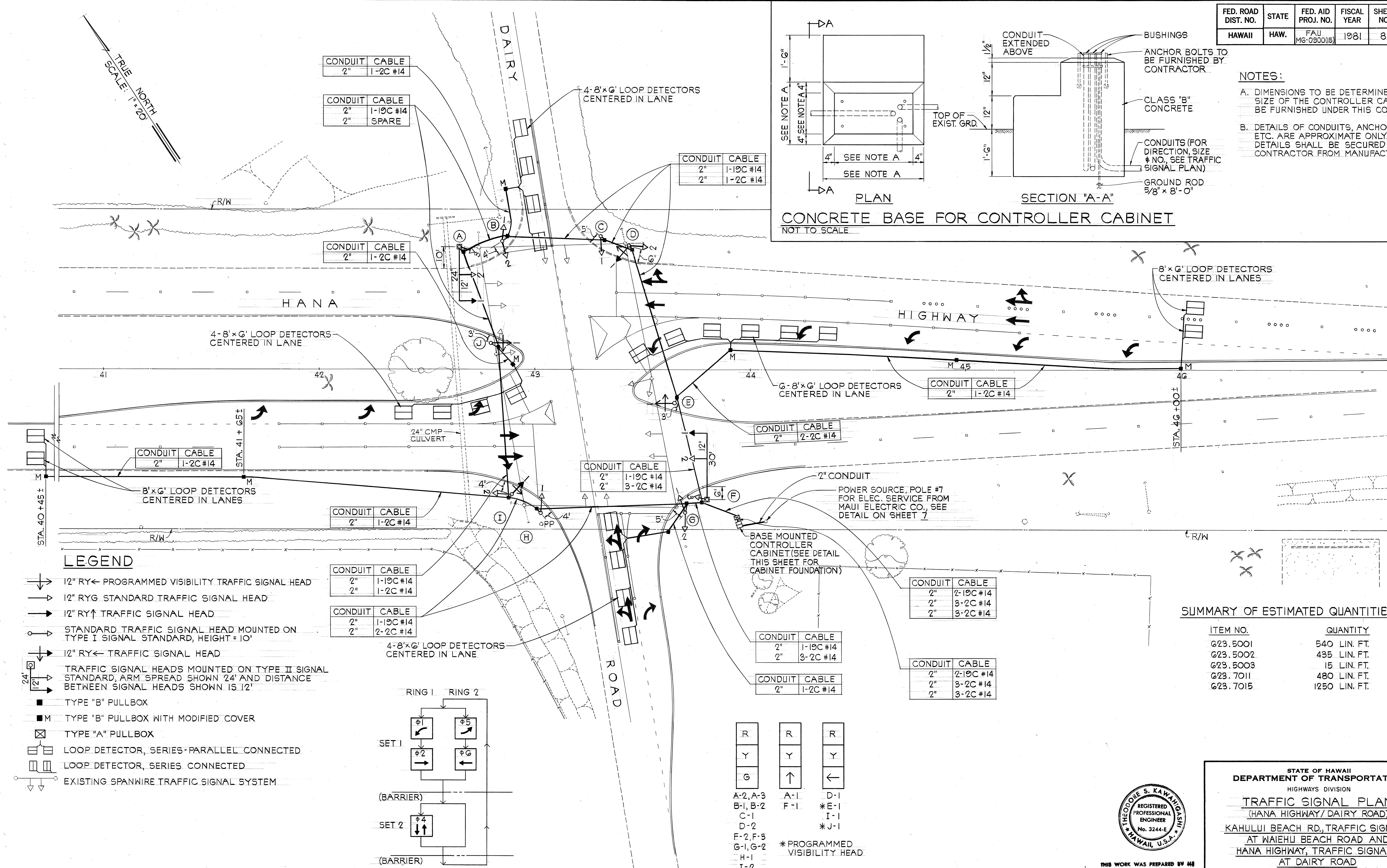


PLAN



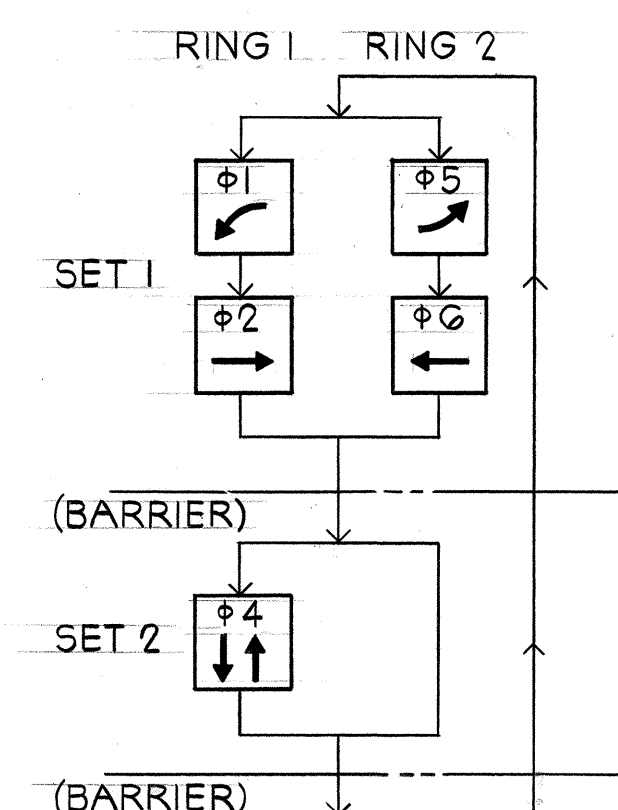
SECTION "A-A"

CONCRETE BASE FOR CONTROLLER CABINET
NOT TO SCALE



LEGEND

- 12" RY< PROGRAMMED VISIBILITY TRAFFIC SIGNAL HEAD
- 12" RY< STANDARD TRAFFIC SIGNAL HEAD
- 12" RY< TRAFFIC SIGNAL HEAD
- STANDARD TRAFFIC SIGNAL HEAD MOUNTED ON TYPE I SIGNAL STANDARD, HEIGHT = 10'
- 12" RY< TRAFFIC SIGNAL HEAD
- TRAFFIC SIGNAL HEADS MOUNTED ON TYPE II SIGNAL STANDARD, ARM SPREAD SHOWN 24' AND DISTANCE BETWEEN SIGNAL HEADS SHOWN 15 1/2'
- TYPE "B" PULLBOX
- TYPE "B" PULLBOX WITH MODIFIED COVER
- TYPE "A" PULLBOX
- LOOP DETECTOR, SERIES-PARALLEL CONNECTED
- LOOP DETECTOR, SERIES CONNECTED
- EXISTING SPANWIRE TRAFFIC SIGNAL SYSTEM



PHASE DIAGRAM

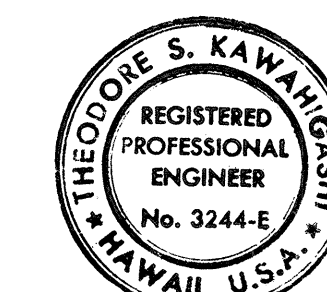
R	R	R
Y	Y	Y
G	↑	←
A-2, A-3	A-1	D-1
B-1, B-2	F-1	*E-1
C-1		I-1
D-2		*J-1
F-2, F-3		
G-1, G-2		
H-1		
I-2		

* PROGRAMMED VISIBILITY HEAD

SIGNAL INDICATIONS

SUMMARY OF ESTIMATED QUANTITIES

ITEM NO.	QUANTITY
Q23.5001	540 LIN. FT.
Q23.5002	435 LIN. FT.
Q23.5003	15 LIN. FT.
Q23.7011	480 LIN. FT.
Q23.7015	1250 LIN. FT.



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION
Theodore S. Kawahigashi
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGNAL PLAN
(HANA HIGHWAY/DAIRY ROAD)

KAHULUI BEACH RD, TRAFFIC SIGNALS
AT WAIHEHU BEACH ROAD AND
HANA HIGHWAY, TRAFFIC SIGNALS
AT DAIRY ROAD

FAU PROJECT NO. MG-0900(15)

SCALE: AS SHOWN DATE: MAY 20, 1981

SHEET No. 2 OF 2 SHEETS