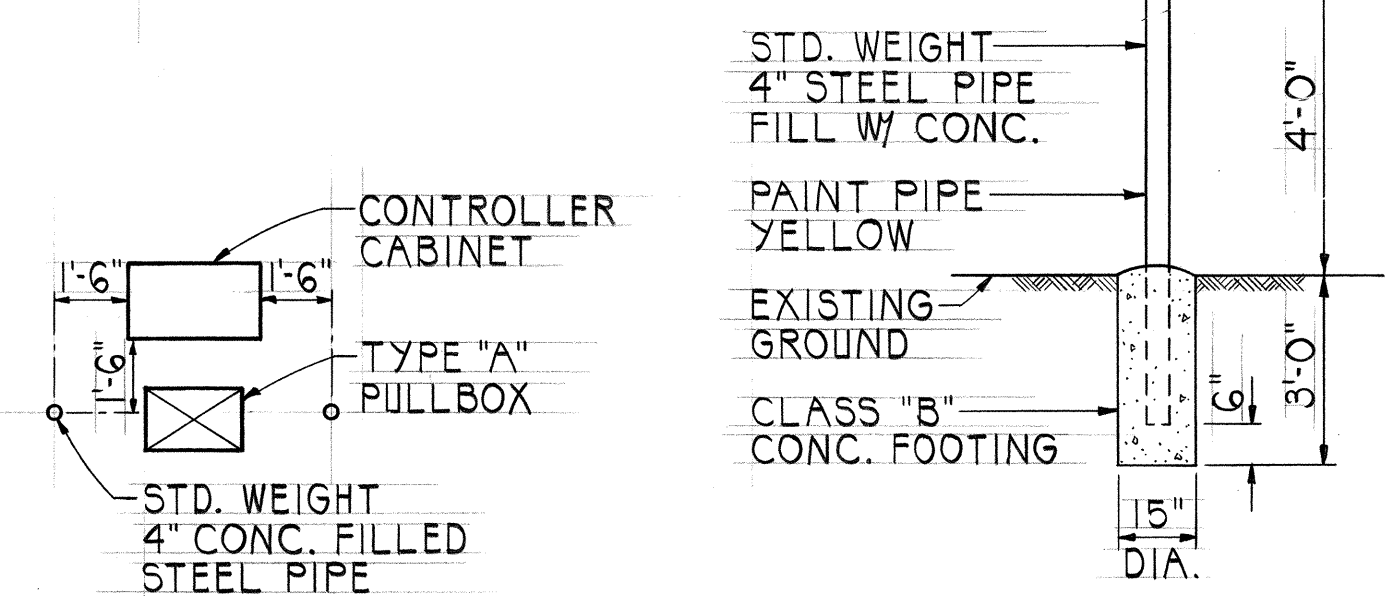


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IIN-01-87	1987	5	5

NOTE:

COST OF FURNISHING AND INSTALLING PIPE GUARD SHALL BE PAID FOR UNDER ITEM NO. 623.2001 TRAFFIC SIGNAL CONTROLLER AND CABINET.



PLAN

TYP. ELEVATION

PIPE GUARD DETAIL
NOT TO SCALE

2" STEEL CONDUIT FOR HELCO POWER SUPPLY

POWER SOURCE POLE #18

CONDUIT	CABLE
2"	1-2C #14

BASE MOUNTED CONTROLLER CABINET

CONDUIT	CABLE
2"	1-26C #14
2"	1-26C #14
2"	4-2C #14
2"	4-2C #14

INSTALL RIO-4a(R) W/ PED. PUSH BUTTON

CONDUIT	CABLE
2"	1-26C #14
2"	4-2C #14
2"	SPARE

REMOVE EXIST. STOP SIGN WHEN TRAFFIC SIGNAL SYSTEM BECOMES OPERATIONAL ST. NAME SIGN TO REMAIN

3-8' x 6' LOOP DETECTORS

CONDUIT	CABLE
2"	1-26C #14
2"	4-2C #14
2"	SPARE

DUCT & CABLE INCIDENTAL TO SIGNAL STANDARD

CONDUIT	CABLE
2"	1-26C #14
2"	4-2C #14

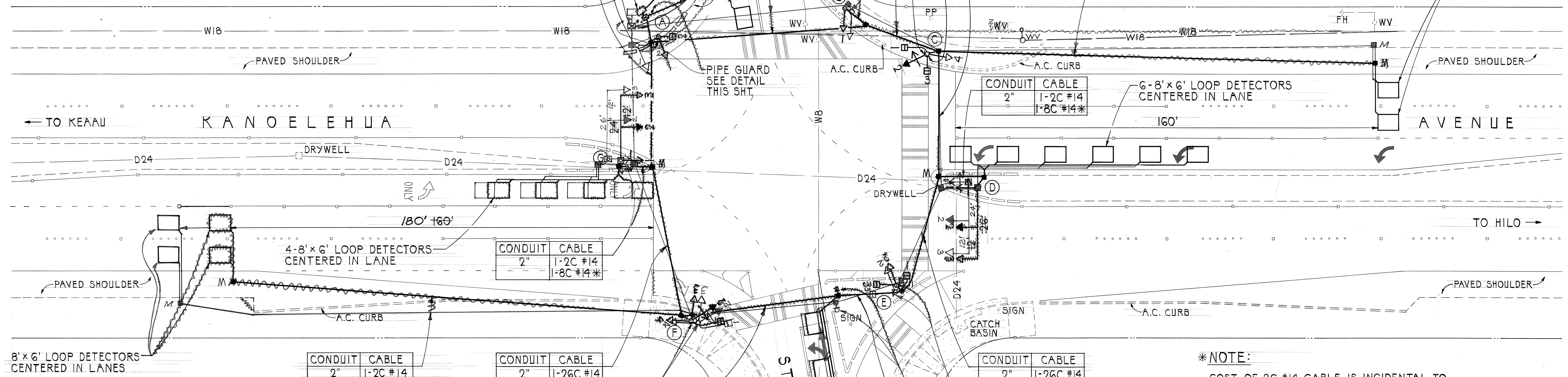
INSTALL RIO-4a(R) W/ PED. PUSH BUTTON

INSTALL RIO-4a(L) W/ PED. PUSH BUTTON

CONDUIT	CABLE
2"	1-26C #14
2"	2-2C #14
2"	SPARE

CONDUIT	CABLE
2"	1-2C #14

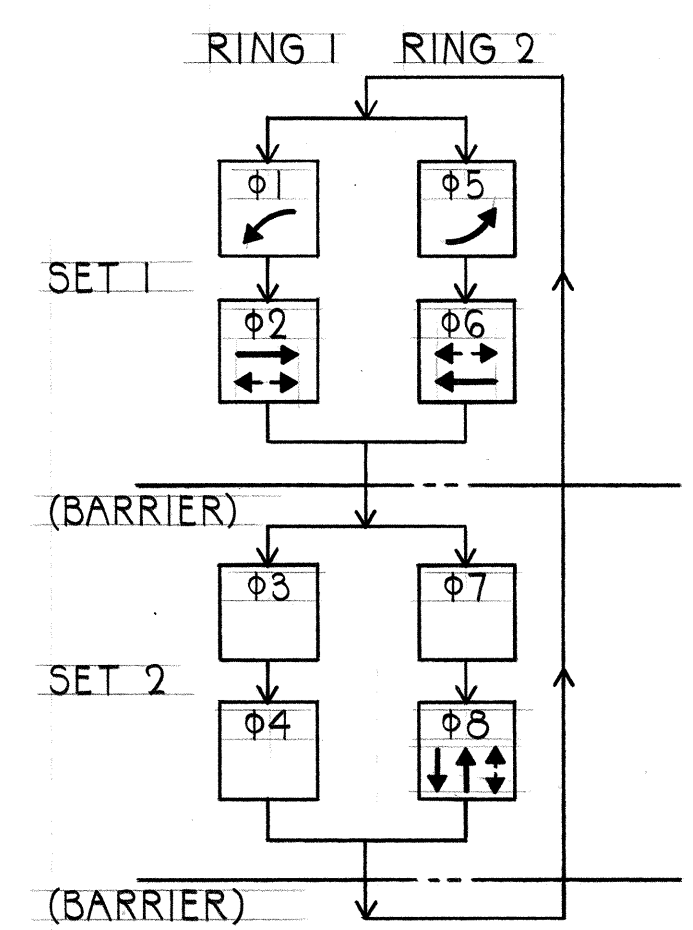
TRUE NORTH
SCALE: 1" = 20'



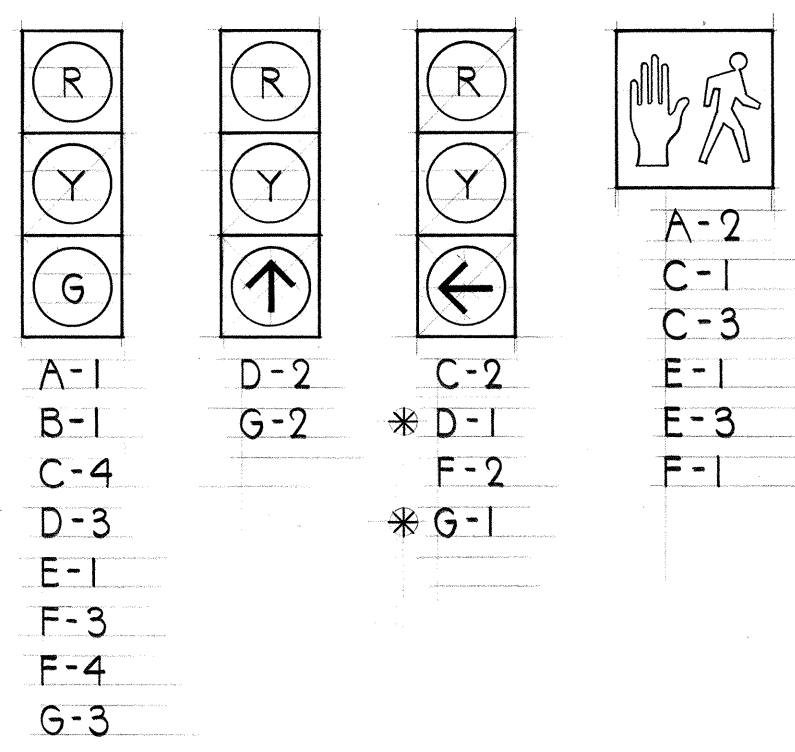
*NOTE:

COST OF 8C #14 CABLE IS INCIDENTAL TO ITEM NO. 623.7015 26C #14 CONTROL CABLE.

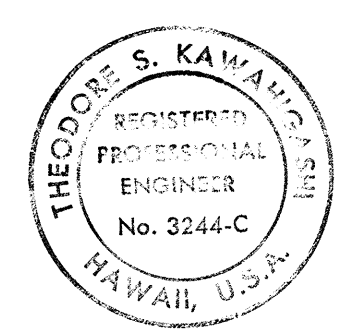
DATE	
DESIGNED BY	
DRAWN BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	



PHASE DIAGRAM



* PROGRAMMED VISIBILITY HEAD
SIGNAL INDICATIONS



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC SIGNAL PLAN
KANOELEHUA AVENUE
TRAFFIC SIGNALS AT
MAKALA STREET
PROJECT NO. IIN-01-87
SCALE: AS NOTED DATE: MAR. 2, 1987
SHEET No. 1 OF 1 SHEETS