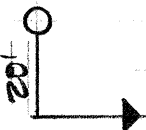


CONTROLLER MODULES
 PHASE #1 - VEHICLE PHASE TIMING
 PHASE #2 - VEHICLE & PEDESTRIAN
 PHASE TIMING
 SPARE - VEHICLE & PEDESTRIAN
 PHASE TIMING

WIRING DIAGRAM

NOT TO SCALE

 NEW TRAFFIC SIGNAL STANDARD W/12" LENS ASSEMBLY OR "DW-W" PEDESTRIAN SIGNAL.

 NEW MAST ARM STANDARD W/12" LENS ASSEMBLY. MASTARM LENGTH AS INDICATED.

 NEW VEHICLE LOOP DETECTOR.

 NEW TYPE "A" PULLBOX.

 NEW TYPE "B" PULLBOX.

 NEW CONTROLLER (TYPE "M" CABINET).

1-1 1/4" STEEL NEW RIGID STEEL CONDUIT.

1-2" NEW RIGID STEEL OR POLYVINYL CHLORIDE CONDUIT (NO. & SIZE AS INDICATED). CONDUITS UNDER ROADWAYS SHALL BE ENCASED IN CONCRETE.

• EXISTING POWER OR ELECTRIC POLE

EXISTING UNDERGROUND UTILITIES	
SCC	SIGNAL CORPS CABLE
HTCG	HAWAIIAN TELEPHONE CO.
GAS	HONOLULU GAS CO.
BWS	BOARD OF WATER SUPPLY
RCF	REINFORCED CONCRETE PIPE

TOP PAVEMENT

MIN.

3' 0"

3' 0"

3' 0"

6"

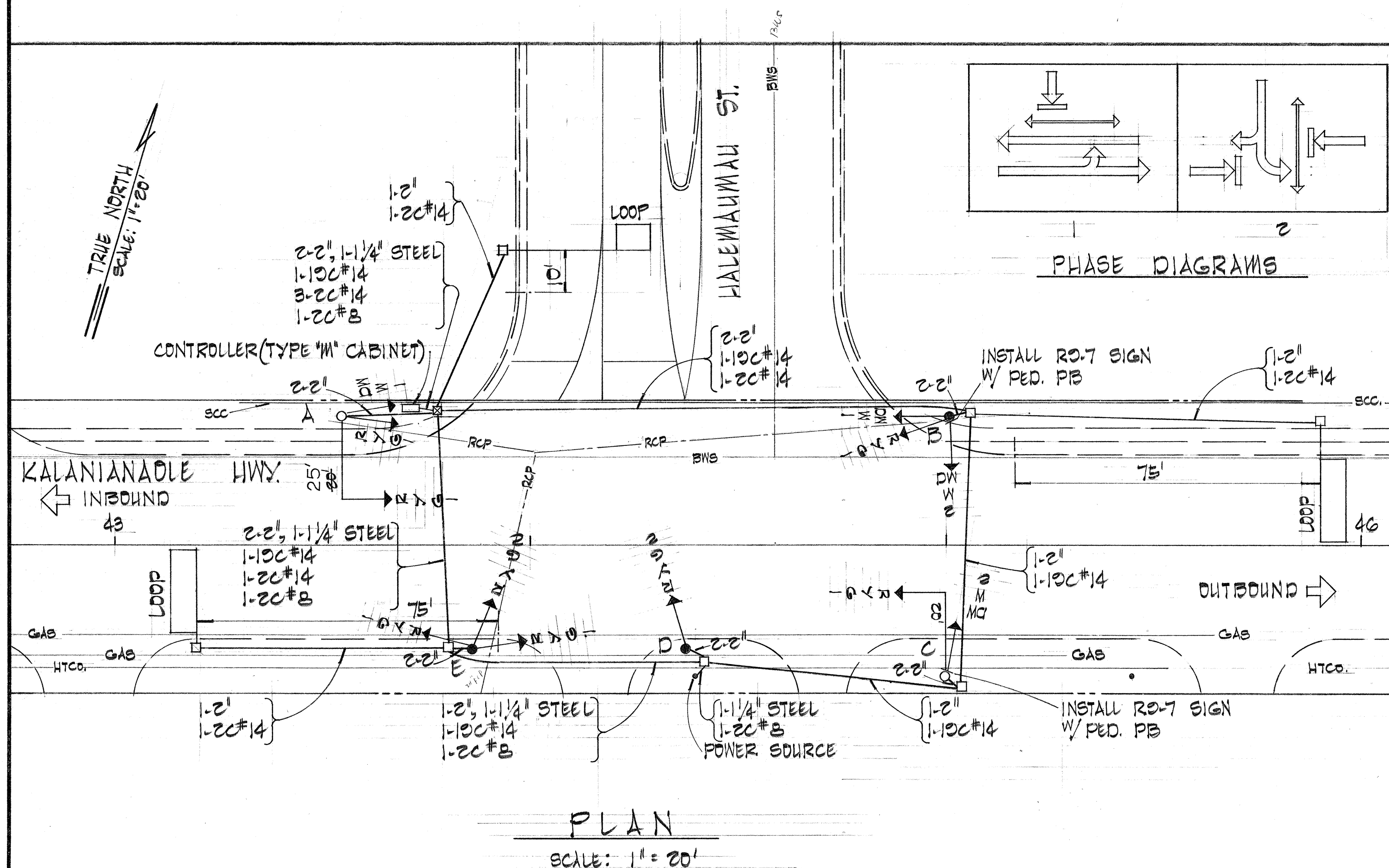
CONCRETS

CLASS "A-1" CONCRETE

TYPICAL DETAIL

CONDUITS ENCASED IN CONCRETE

NOT TO SCALE



6" CHAMFER TO PROTECT LOOP WIRE

1/4" SAW CUT

45°

LOOP WIRE IN SAW CUT

DETAIL "A"

PLAN

APPROXIMATE DIMENSIONS		
NO LANES	"A"	"B"
1	6'	8'
2	6'	20'

* #14 AWG W/0.012" THICK TEFLON INSULATION TEMP. RANGE -65°C TO +200°C

NOTE:
EXACT DIMENSIONS OF "A" & "B" SHALL BE AS
RECOMMENDED BY THE MANUFACTURER.

1. LOCATION OF EXISTING UNDERGROUND STRUCTURES SUCH AS CULVERTS, PIPELINES, CONDUITS, CABLES, ETC., AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. OTHER EXISTING UTILITIES MAY NOT BE SHOWN. THE CONTRACTOR SHALL CHECK AND VERIFY THE LOCATION OF SAME.
2. THE EXACT LOCATION OF TRAFFIC SIGNAL STANDARDS, MAST ARMS, CONTROLLER BASE, PULLBOXES AND CONDUITS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
3. ONLY CONDUITS UNDER ROADWAYS SHALL BE ENCASED IN CONCRETE.

TRAFFIC SIGNAL SYSTEM

AT
MAUMAU ST

Proj. No. 72C-03-68

Scale: As Shown Nov. 1968

SHEET No. 2 OF 4 SHEETS