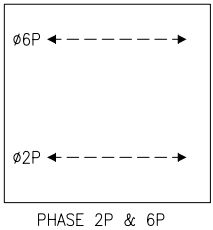
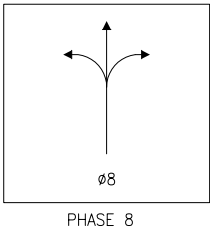
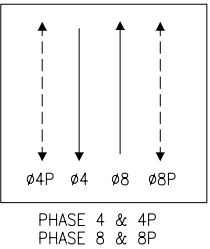


PHASE DIAGRAM
(NORMAL OPERATION)



PHASE DIAGRAM
(DURING CABLE CAR PREEMPT)



PHASE SEQUENCE (NORMAL OPERATION)

G	Y	R	
R		G	Y
RH	WM	FRH	
MUNI RED X			
WM	FRH	RH	

JACKSON ST
POWELL ST
PED XING JACKSON
MUNI CABLE CAR
PED XING POWELL

DETAIL NOTES:

- A1 EX CONDUIT AND WIRING. R/C EX WIRING. F/I NEW WIRING AS NOTED.
- A1-4 MAINTAIN EX MUNI CABLE CAR PRE-EMPTION WIRING
- A20 MAINTAIN EX PG&E SERVICE WIRING

NOTE:
MUNI RX/GX SIGNALS ARE CONTROLLED BY TRACK SWITCHES ON JACKSON AT MASON AND ARE NOT CONNECTED TO THE CONTROLLER.

PM -MUNI RX/GX SIGNALS CORRESPONDING TO POWELL/MASON CABLE CAR TRACK SWITCHES.

PH -MUNI RX/GX SIGNALS CORRESPONDING TO POWELL/HYDE CABLE CAR TRACK SWITCHES.

AS BUILT

1/24/01		REVISED PER PCO#3	BC	GD
4/2000		ISSUED FOR BID	BC	NKS
NO.		DATE	DESCRIPTION	BY
				APP.
TABLE OF REVISIONS				
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION				

REFERENCE INFORMATION
& FILE NO. OF SURVEYS



BUREAU OF ENGINEERING
DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF SAN FRANCISCO



DESIGNED:	DATE:
BC	6/2000
DRAWN:	DATE:
BC	6/2000
CHECKED:	DATE:
NKS	6/2000

APPROVED	
SECTION MANAGER	DATE:
DIVISION MANAGER	DATE:
CITY ENGINEER	DATE:

SCALE:
1"=10'-0"
SHEET OF SHEETS
24 OF 37

CONTRACT 26 VARIOUS LOCATIONS
TRAFFIC SIGNAL MODIFICATIONS
JACKSON AND POWELL STREETS TRAFFIC SIGNAL WORK

SPECIFICATION NO.
1987N
DRAWING NO.
E-11.0
FILE NO.
74,269
REV. NO.
1

6
EXTERNAL REFERENCES: XREF1

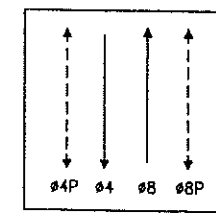
SCALE FACTOR: 1

ORIGIN: ELECTRICAL

FILE NAME: 1987NE11



PHASE DIAGRAM
(DURING CABLE CAR PREEMPT)



PHASE 2P & 6P

PHASE 4 & 4P
PHASE 8 & 8P



G		Y	R	
R			G	Y
RH			WM	FRH
MUNI RED X				
WM	FRH		RH	

	JACKSON ST
	POWELL ST
	PED XING JACKSON
	MUNI CABLE CAR
	PED XING POWELL

A1 EX CONDUIT AND WIRING. R/C EX WIRING. F/I NEW WIRING AS NOTED.
 A1+ MAINTAIN EX MUNI CABLE CAR PRE-EMPTION WIRING
 A2+ MAINTAIN EX PG&E SERVICE WIRING

NOTE:
MUNI RX/GX SIGNALS ARE CONTROLLED BY TRACK SWITCHES ON JACKSON AT MASON AND ARE NOT CONNECTED TO THE CONTROLLER.

PM -MUNI RX/GX SIGNALS CORRESPONDING TO POWELL/MASON CABLE CAR TRACK SWITCHES.

PH -MUNI RX/GX SIGNALS CORRESPONDING TO POWELL/HYDE CABLE CAR TRACK SWITCHES.

NOTE:

THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTTED SUBSEQUENT TO INTERNAL ENGINEERING APPROVAL AND SIGN-OFF. FOR THOSE SIGNATURES, SEE THE DRAWING PLOTTED AND ISSUED PREVIOUSLY DURING BIDDING. THE SIGNED DRAWING REMAINS VALID EXCEPT FOR THE CHANGES ONLY AS CLEARLY MARKED ON THIS DRAWING AND ISSUED UNDER THIS LATEST REVISION NUMBER AS SHOWN IN THE TABLE OF REVISIONS LOCATED AT THE LOWER LEFT CORNER OF THE DRAWING. ALL ISSUED REVISIONS SUBSEQUENT TO PREVIOUSLY PLOTTED DRAWING DURING BIDDING REMAIN VALID UNLESS SUPERSEDED BY LATER ISSUED REVISIONS. CHECK ALL ISSUED REVISIONS OF THIS DRAWING.

REFERENCE INFORMATION
& FILE NO. OF SURVEYS



BUREAU OF ENGINEERING
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DESIGNED: DATE:	APPROVED
BC 6/2000	
DRAWN: DATE:	SECTION MANAGER DATE
BC 6/2000	
CHECKED: DATE:	DIVISION MANAGER DATE
NKS 6/2000	
	CITY ENGINEER DATE

SCALE:
 $1"=10'-0"$
SHEET OF SHEETS
24 OF 37

CONTRACT 26 VARIOUS LOCATIONS
TRAFFIC SIGNAL MODIFICATIONS
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