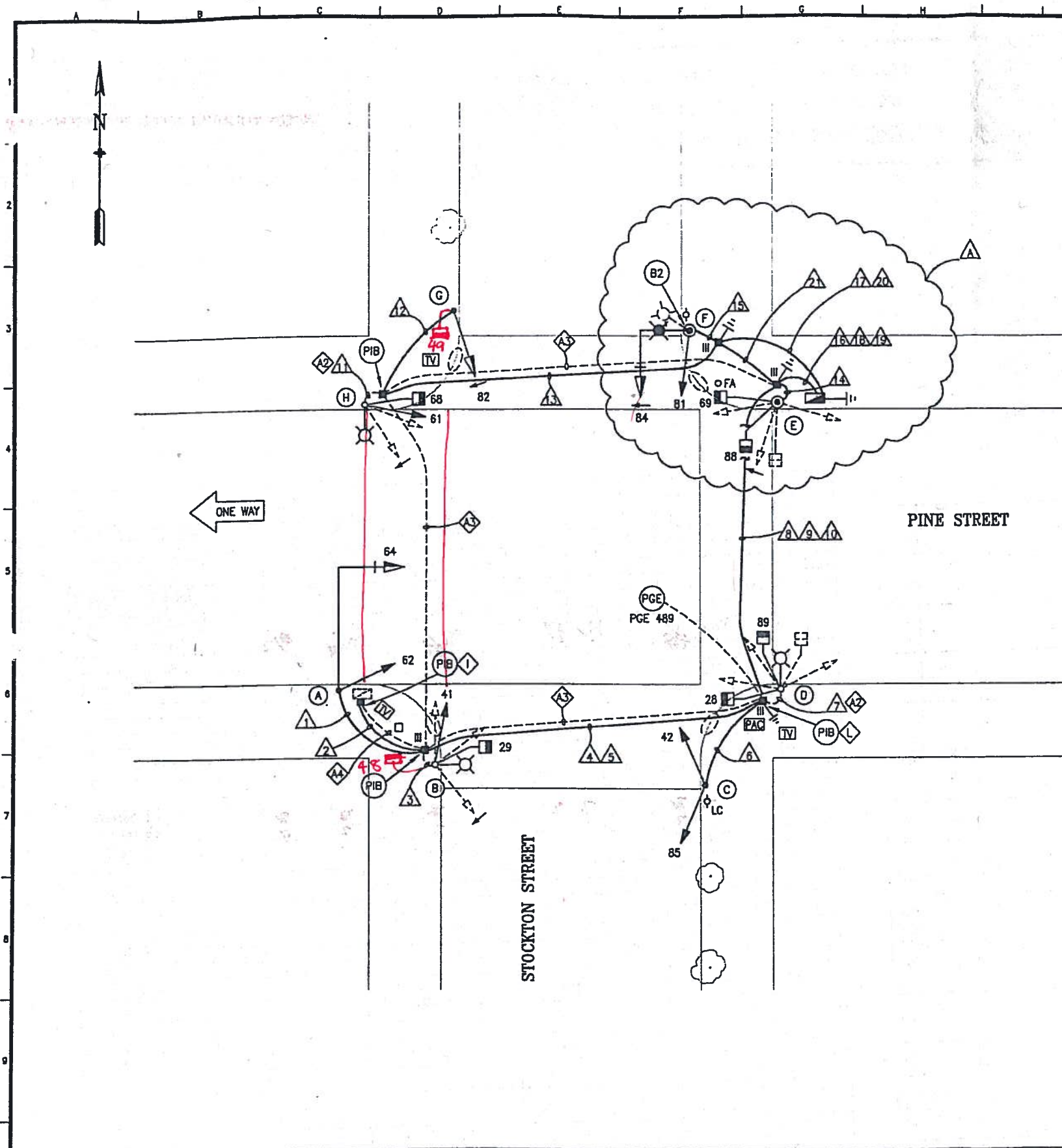
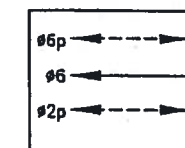


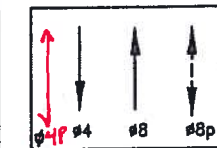
Switched over on 12/15/2001 - 150P



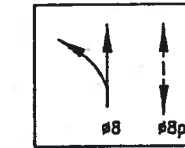
PHASE DIAGRAM



PHASE 6, 2P & 6P



PHASE 4, 8 & 8P



PHASE 8 & 8P

PHASE SEQUENCE

G	Y	R	R
R	G	Y	R
R	R	G	G+GLA
WM	FRH	RH	Y
RH	WM	FRH	RH
RH	WM/FRH	RH	

PINE STREET
STOCKTON S/B
STOCKTON N/B
PED XING STOCKTON
PED XING PINE E/S
PED XING PINE W/S

DETAIL NOTES:

- A2 EX CONDUIT AND WIRING. R/C EX TS WIRING. SL WIRING TO REMAIN. F/I NEW WIRING AS NOTED.
- A3 EX CONDUIT AND WIRING. R/C EX TS WIRING. EX SL WIRING TO REMAIN.
- A4 EX CONDUIT AND WIRING. R/C EX WIRING AND CONDUIT. REPAIR SIDEWALK TO MATCH EX.
- B2 F/I WITH INTEGRAL BALLAST AND PHOTOELECTRIC CONTROL. F/I FUSE AND FUSE HOLDERS PER SFDPSW #49,092.
- I EXTEND 12/C INTERCONNECT TO NEW LOCATION. SPLICE TO EX 12/C TO MAINTAIN INTERCONNECT SYSTEM.
- L F/I IN-LINE FUSE HOLDER W/ 40A FUSE FOR IC SERVICE. SPLICE NEW WIRES TO EX PG&E SERVICE TO SUPPORT NEW IC. F/I GROUND ROD.

NO.	DATE	DESCRIPTION	BY	APP.
1	6/9/01	INSTALL PED SIGNALS FOR WESTERN AVENUE	SL	SL
2	5/22/01	PCO #1 MSF & HOMERUN	SL	SL

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: 06/00
BD/EF
DRAWN: DATE: 06/00
RT
CHECKED: DATE: 06/00
NKS

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

SCALE:
1" = 10'-0"
SHEET OF SHEETS
8 of 62

**PINE STREET
TRAFFIC SIGNAL UPGRADE**
STOCKTON AND PINE STREETS

SPECIFICATION NO.
1986H
DRAWING NO.
E-7
FILE NO.
74448
REV. NO.

FILE NAME: E-07.dwg
DATE: May 23 2001 15:00

CONDUIT RUN NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
CONDUIT SIZE (INCH)	EX	2	EX	2	2	2	EX	2	2	1½	EX	2	2	2	2	3	3	2	2	2	
CONDUIT SIZE (mm)																PVC	PVC	PVC	PVC	PVC	

NOTES		A2		A2		80		80		80		80		80	
#14 WIRES															
SIGNAL 62	3		3		3				3						
SIGNAL 64	3		3		3				3						
SIGNAL 41		3	3		3				3						
SIGNAL 29		2	2		2				3						
SIGNAL 42				3	3				2						
SIGNAL 85				3	3				3						
SIGNAL 28					2	2			3						
SIGNAL 89					2	2			2						
SIGNAL 61							3	3				3			
SIGNAL 68							2	2				2			
SIGNAL 82												4			
SIGNAL 69															
SIGNAL 88									2			2			
SIGNAL 81									2			2			
SIGNAL 84										3		3			
SIGNAL 98		2	2		2					4		4			
SIGNAL 99		2	2		2		2	2		2		2			
SPARE			3		3			3		3	3				
#14 WIRES NEUTRAL	2	2	1	2	2		2	1	2	2	3	3			
TOTAL #14 WIRES	8	9	16	7	6	28	7	12	6	9	28	19			
#10 WIRES NEUTRAL			1		2										
#8 WIRES (120V SERVICE)															
#8 WIRES (STREET LTG)															
#6 BSCW															
12-CONDUCTOR CABLE	1	1				1								1	
1/4"(6.35mm) PULL ROPE			1		1			1			1	1			1

[illegible]

- 1A2 EX CONDUIT AND WIRING. R/C EX TS WIRING. SL WIRING TO REMAIN. F/I NEW WIRING AS NOTED.
- 1B2 F/I WITH INTEGRAL BALLAST AND PHOTOELECTRIC CONTROL F/I FUSE AND FUSE HOLDERS PER SPDPSWF #49,092.
- 1B4 DPT SIGNAL SHOP TO PROVIDE FRAMEWORK FOR SIGNAL HEAD 85
- 1V1 LED RED, INCANDESCENT YELLOW, AND LED GREEN
- 1V3 LED RED, LED YELLOW, AND LED GREEN
- 1V5 LED RED, LED YELLOW, LED GREEN, AND LED GREEN ARROW

NO. DATE DESCRIPTION BY APP. 5/22/01 PCO #1 WSF & HOMERUN SL SL 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: BD/EF 06/00 DRAWN: DATE: RT 06/00 CHECKED: DATE: NKS 06/00	APPROVED SECTION MANAGER DATE: DIVISION MANAGER DATE: CITY ENGINEER DATE:	SCALE: NONE SHEET OF SHEETS 9 OF 62	PINE STREET TRAFFIC SIGNAL UPGRADE STOCKTON AND PINE STREETS SCHEDULES	SPECIFICATION NO. 1986N DRAWING NO. E-8 FILE NO. 74449 REV. NO.
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