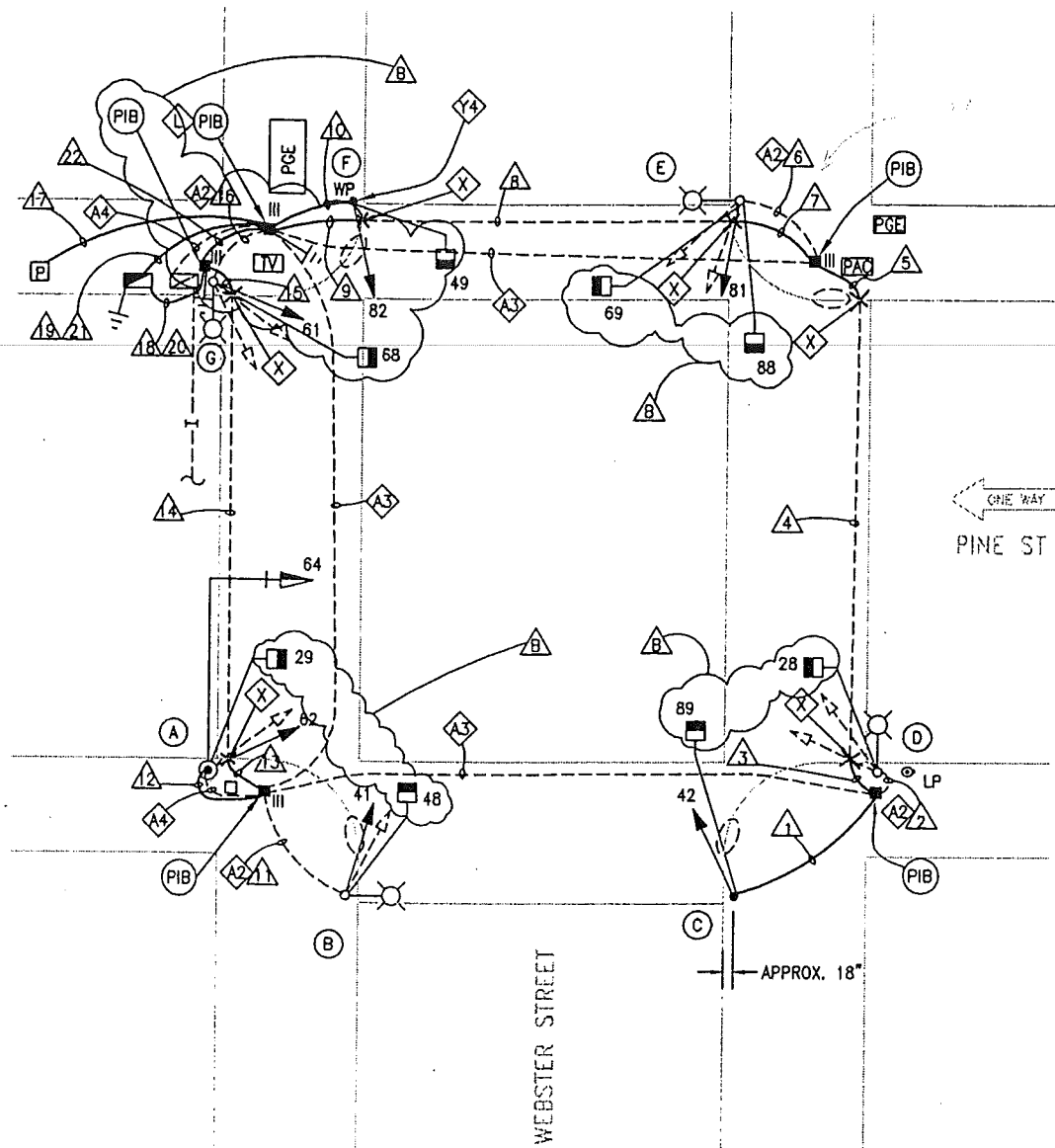
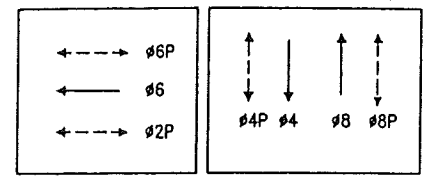


SWITCHED OVER ON 4/17/2002

3-COLOR 12:27 PM



PHASE DIAGRAM



PHASE SEQUENCE

G	Y	R
R		G
W	FRH	RH
RH	W	FRH

PINE
WEBSTER
PEDS XING WEBSTER
PEDS XING PINE

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.
- 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.
- Y4 F/I EXTERNAL GRSC. SEE 2 E-5
- X EX 2 1/2" GRSC TERMINATED AND CAPPED 1 FT INSIDE EACH CURB. THE LOCATION OF THE EX CONDUIT IS MARKED WITH A 'T' AT THE CURB. F/I 2 1/2" CONDUIT TO EXTEND THE EX CONDUIT TO NEW PULL BOX LOCATIONS AS SHOWN ON THIS DRAWING.

NO.	DATE	DESCRIPTION	BY	APP.
1	5/13/01	PCO #2 ADDITIONAL PEDESTRIAN SIGNAL	ML	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:	APPROVED:
BD/EF	06/00	
DRAWN:	DATE:	SECTION MANAGER:
MJ/RT	06/00	
CHECKED:	DATE:	DIVISION MANAGER:
NKS	06/00	
		CITY ENGINEER:

SCALE:
1"=10'
SHEET OF SHEETS
38 of 62

**PINE STREET
TRAFFIC SIGNAL UPGRADE**

WEBSTER AND PINE STREETS

SPECIFICATION NO.	1986N
DRAWING NO.	E-37
FILE NO.	74478
REV. NO.	B

EXTERNAL REFERENCES: T34422.dwg
FONTS USED: ROMANS ROMANS ROMANS ROMANS
SCALE FACTOR: 120
PLOT SCALE: 1"=1'
ORIGIN: ELECTRICAL
FILE NAME: E-37.dwg
DATE: May 22 2001 10:36

CONDUIT AND WIRING SCHEDULE																									
CONDUIT RUN NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22			
CONDUIT SIZE (MM)	2	EX	2 1/2	EX	2 1/2	EX	2 1/2	EX	2 1/2	2	EX	2	2 1/2	EX	2 1/2	EX	1 1/2	3	3	2	1 1/2	2			
NOTES		A2				A2					A2					A2		P	P	P	P	P			
#14 WIRES																									
SIGNAL 42	3		3	3	3		3	3	3											3					
SIGNAL 89	2		2	2	2		2	2	2											2					
SIGNAL 28		2	2	2	2		2	2	2											2					
SIGNAL 69						2	2	2	2											2					
SIGNAL 88						2	2	2	2											2					
SIGNAL 81						3	3	3	3											3					
SIGNAL 82										3										3					
SIGNAL 49										2										2					
SIGNAL 41											3		3	3	3			3							
SIGNAL 48										2			2	2	2			2							
SIGNAL 62												3	3	3	3			3							
SIGNAL 64												3	3	3	3			3							
SIGNAL 29												2	2	2	2			2							
SIGNAL 61																3			3						
SIGNAL 68																2			2						
SPARE			3	3	3		3	3	3				3	3	3			3	3						
#14 WIRES NEUTRAL	2	1				3				2	2	2				2									
TOTAL #14 WIRES	7	3	10	10	10	10	17	17	17	7	7	10	16	16	16	7		16	27						
#10 WIRES NEUTRAL			1	1	1		1	1	1				1	1	1			1	2						
#8 WIRES (120V SERVICE)																	2				2				
12C CABLE																									
1/4" PULL CABLE			1	1	1		1	1	1				1	1	1			2							
#6 BSCW																	1				1				

POLES		LUMINAIRE (HPS)	VEHICULAR SIGNALS		PEDESTRIAN SIGNALS			REMARKS	
POLE ID	TYPE	VOLTAGE/WATTS	NO	TYPE	MOUNTING (F/I)	NO	TYPE		MOUNTING (F/I)
A	16-1-70 20' MASTARM		64 62	3S12" 3S8"	MAS SV-1-T	29	1S-IN	SP-1	BACKPLATE
B	EX SL		41	3S8"	SV-1-T	48	1S-IN	SP-1	
C	1-A (10')		42	3S8"	TV-1	89	1S-IN	SP-1	
D	EX SL					28	1S-IN	SP-1	
E	EX SL		22 81	3S8" 3S8"	SV-2-T-SF	69 88	1S-IN 1S-IN	SP-2-T-SF	
F	EX WP		82	3S8"	SV-1-T	49	1S-IN	SP-1	
G	EX SL		61	3S8"	SV-1-T	68	1S-IN	SP-1	

(A1) EX CONDUIT AND WIRING. R/C EX TS WIRING. SL WIRING TO REMAIN.
 F/I NEW WIRING AS NOTED.

(Y9) SEE DWG E-57 FOR MOUNTING DETAILS

(V1) LED RED, INCANDESCENT YELLOW, AND LED GREEN

(V3) LED RED, LED YELLOW, AND LED GREEN

(P) POLYVINYL CHLORIDE (PVC) CONDUIT SCHEDULE 80

(B)

6/13/01	PCO #2 ADDITIONAL PEDESTRIAN SIGNAL	NL	SL
5/22/01	PCO #1 MSF & HOMERUN	SL	SL
NO.	DATE	DESCRIPTION	BY APP

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DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF SAN FRANCISCO



DESIGNED: DATE:	APPROVED	SCALE:	PINE STREET TRAFFIC SIGNAL UPGRADE WEBSTER AND PINE STREETS SCHEDULE	SPECIFICATION NO. 1986N
BD/EF 7/2000	SECTION MANAGER DATE:	NONE		DRAWING NO. E-38
DRAWN: DATE:	DIVISION MANAGER DATE:	SHEET OF SHEETS		FILE NO. 74479
MJ/RT 7/2000	CITY ENGINEER DATE:	39 of 62		REV. NO. B
CHECKED: DATE:				
NKS 7/2000				

EXTERNAL REFERENCES: Tb34x22.dwg
 FONTS USED: ROMAND ROMANS.shx ROMANS.shx ROMANT SIMPLEX SIMPLEX.td

SCALE FACTOR: 120
PLOT SCALE: 1=1

ORIGIN: ELECTRICAL

FILE NAME: E-38.dwg
DATE: May 22 2001 10:37