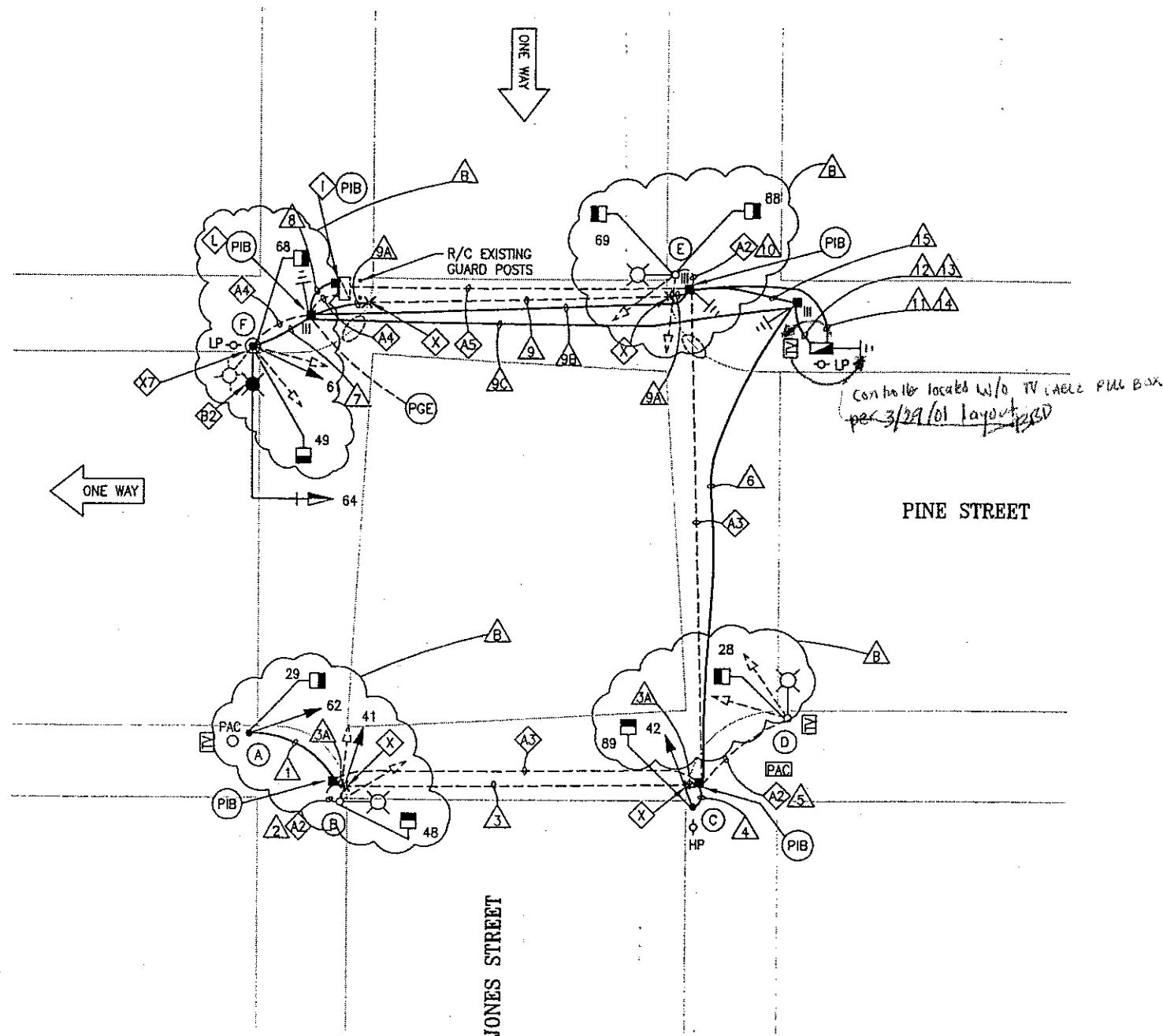
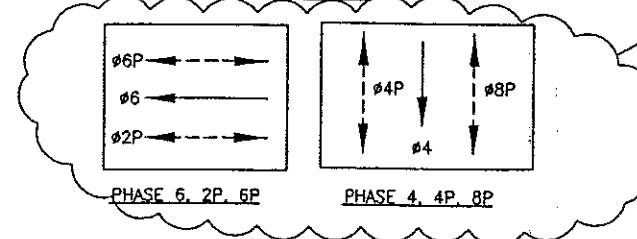


SWITCHED OVER ON 3/7/2002
FLASH C 11:11 AM
3-COLOR C 11:25 AM - BED



PHASE DIAGRAM



PHASE SEQUENCE

G	Y	R
W	FRH	RH
RH	W	FRH

PINE STREET
JONES STREET
PEDS XING JONES ST
PEDS XING PINE ST

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.
- A5 EX CONDUIT AND WIRING. R/C EX WIRING. CUT CONDUIT TO PULL BOX WALL OR 12" DEPTH, CAP OR DUCT SEAL END(S).
- B2 F/I WITH INTEGRAL BALLAST AND PHOTOELECTRIC CONTROL. F/I FUSE AND FUSE HOLDERS PER SFDPW #49,092.
- I EXTEND 12/C INTERCONNECT TO NEW IC 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.
- 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 DWGS.
- X7 INSTALL WITHOUT IMPACTING STORE SIGN OR BLOCKING RESIDENCE WINDOW.

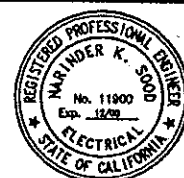
NO.	DATE	DESCRIPTION	BY	APP.
1	5/13/01	PCD #2 ADDITIONAL PEDESTRIAN SIGNAL	NL	SL
2	5/22/01	PCD #1 MSF & HOMERUN	SL	SL

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
16 OF 62

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

SPECIFICATION NO.
1986N
DRAWING NO.
E-15
FILE NO.
74456
REV. NO.
8

FILE NAME: E-15.dwg
DATE: May 22 2001 1:52:28

EXTERNAL REFERENCES: T03422.dwg
FONTS USED: ROMANS.SHK ROMANS.ARX ROMANS.AHX ROMANS.BHX

SCALE FACTOR: 120
PLOT SCALE: 120

ORIGINAL SECTION

CONDUIT AND WIRING SCHEDULE																			
CONDUIT RUN NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15				
CONDUIT SIZE (INCH)	2	EX	EX	2 1/2	2	EX	2	2	2	EX	2 1/2	1 1/2	2	2	3	3	2	2	2
NOTES		A2			A2								A2	P	P	P	P	P	
#14 WIRES																			
SIGNAL 29	2		2	2		2									2				
SIGNAL 62	3		3	3		3									3				
SIGNAL 41		3	3	3		3									3				
SIGNAL 48		2	2	2		2									2				
SIGNAL 89					2	2									2				
SIGNAL 42					3	3									3				
SIGNAL 28															2				
SIGNAL 68							2	2							2				
SIGNAL 61							3	3	3						3				
SIGNAL 49							2	2	2						2				
SIGNAL 64							3	3	3						3				
SIGNAL 69															2	2			
SIGNAL 88															2	2			
SPARE			3	3		3			3	3					3	3			
#14 WIRES NEUTRAL	2	2			2	1			3						1				
TOTAL #14 WIRES	7	7	13	13	7	3	20	12		12	12				7	15	18		
#10 WIRES NEUTRAL			1	1			1								2	2			
#8 WIRES (120V SERVICE)																			
#8 WIRES (STREET LTG)							2												
#6 BSCW											1					1			
12-CONDUCTOR CABLE								2				2					2		
1/4"(6.35mm)PULL ROPE			1	1		1			1	1				1	1				1

POLE AND EQUIPMENT SCHEDULE											
POLE No.	TYPE OF POLE	VEHICLE SIGNAL			PEDESTRIAN SIGNAL			PEDESTRIAN PUSHBUTTON (PPB)	LUMINAIRE (HPS)		REMARKS
		No.	TYPE	MOUNTING (F/I)	No.	TYPE	MOUNTING (F/I)		VOLTAGE	WATTS	
(A)	1-A (10')	62	3S8" 	TV-1	29	1S-IN	SP-1				
(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				69 88	1S-IN 1S-IN	SP-1 SP-1				
(F)	17-1-70 WITH 6' LUMINAIRE ARM 20' MAST ARM	64 61	3S12"  3S8" 	MAS SV-1-T  ↑ @ 16 FT	49 68	1S-IN 1S-IN	SP-1 SP-1				BACKPLATE 

DETAIL NOTES:

- A2 EX CONDUIT AND WIRING. R/C EX TS WIRING. SL WIRING TO REMAIN. F/I NEW WIRING AS NOTED.
- B2 F/I WITH INTEGRAL BALLAST AND PHOTOELECTRIC CONTROL. F/I FUSE AND FUSE HOLDERS PER SFDPW #49,092.
- V1 LED RED, INCANDESCENT YELLOW, AND LED GREEN
- V3 LED RED, LED YELLOW, AND LED GREEN
- P POLYVINYL CHLORIDE (PVC) CONDUIT SCHEDULE 80

NO.	DATE	DESCRIPTION	BY	APP.
1	5/13/01	PCD #2 ADDITIONAL PEDESTRIAN SIGNAL	NL	SL
2	5/22/01	PCD #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: BD/EF	DATE: 06/00	APPROVED:	
DRAWN: RT	DATE: 06/00	SECTION MANAGER:	DATE:
CHECKED: NKS	DATE: 06/00	DIVISION MANAGER:	DATE:
		CITY ENGINEER:	DATE:

SCALE:	NONE
SHEET OF SHEETS	17 of 62

PINE STREET
TRAFFIC SIGNAL UPGRADE
JONES AND PINE STREETS
SCHEDULES

SPECIFICATION NO.	1986N
DRAWING NO.	E-16
FILE NO.	74457
REV. NO.	B