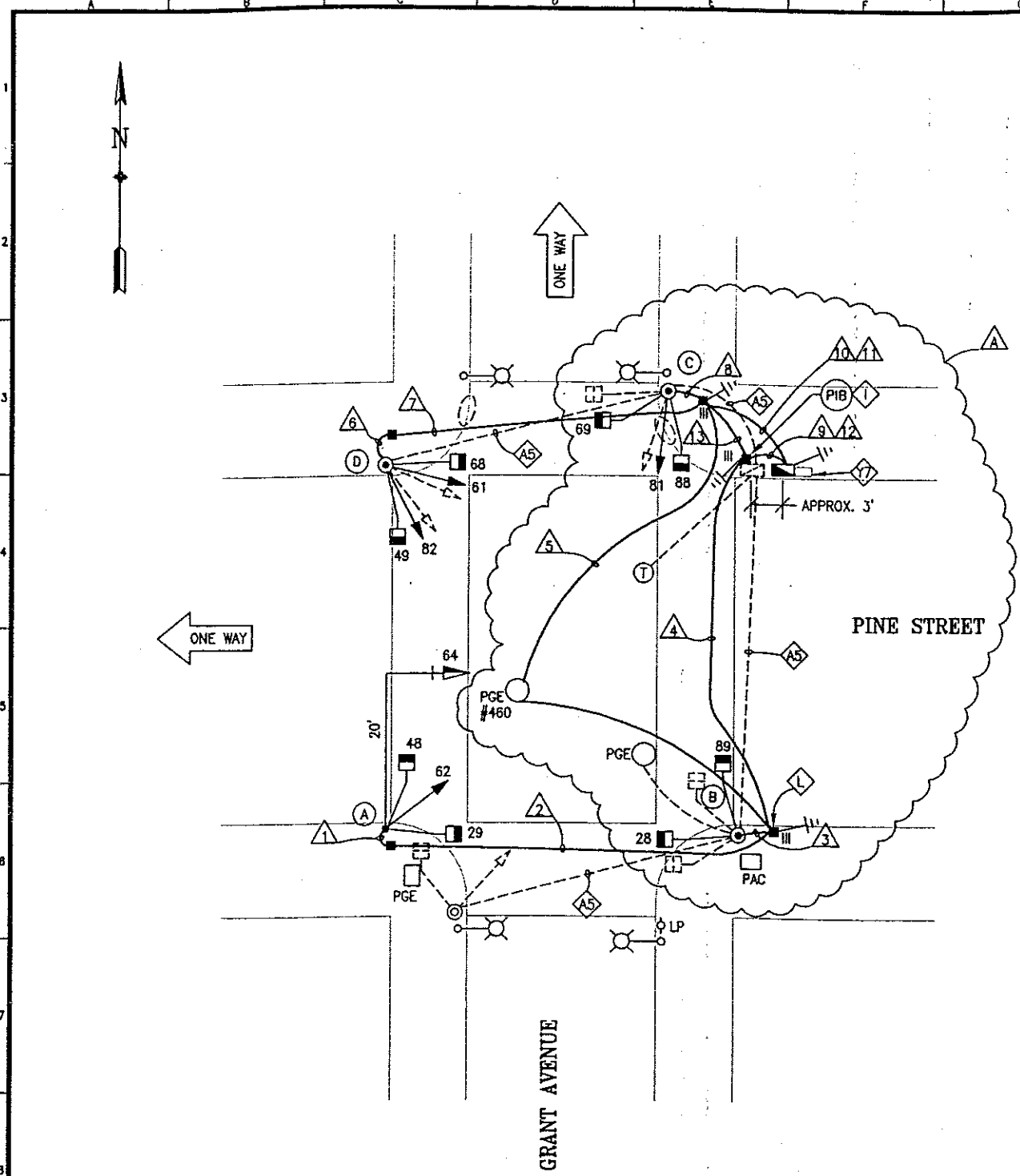
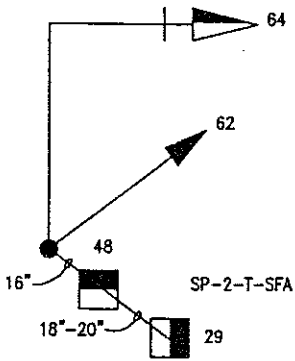
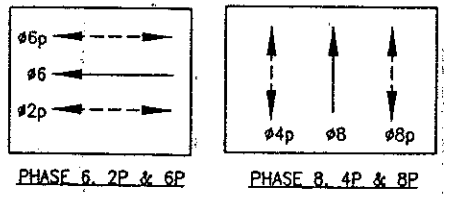


SIGNALS MOUNTING DETAIL
FOR POLE "C"
(NO SCALE)



SIGNALS MOUNTING DETAIL
FOR POLE "A"
(NO SCALE)

PHASE DIAGRAM



PHASE SEQUENCE

G	Y	R
R	G	Y
WM	FRH	RH
RH	WM	FRH

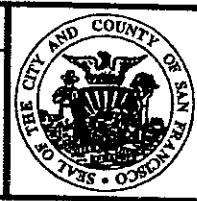
PINE STREET
GRANT AVENUE
PED XING GRANT
PED XING PINE

DETAIL NOTES:

- EX CONDUIT AND WIRING. R/C EX WIRING. CUT CONDUIT TO PULL BOX WALL OR 12" DEPTH, CAP OR DUCT SEAL END(S).
- EXTEND 12/C INTERCONNECT TO NEW LOCATION. SPLICE TO EX 12/C TO MAINTAIN INTERCONNECT SYSTEM.
- CONTRACTOR SHALL CONTACT PACIFIC BELL TO RELOCATE (E) PHONE BOOTH.
- 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	5/22/01	PCO #1 MSF & HOMERUN	SL	SL
2				
3				
4				
5				
6				
7				
8				
9				
10				

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

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

PINE STREET TRAFFIC SIGNAL UPGRADE GRANT AVENUE AND PINE STREET

SPECIFICATION NO. 1986N
DRAWING NO. E-5
FILE NO. 74445
REV. NO.

CONDUIT AND WIRING SCHEDULE														
CONDUIT RUN NUMBER	1	2	3	4	5	5A	6	7	8	9	10	11	12	13
CONDUIT SIZE (INCH)	2	2	2	2	1 1/2	1 1/2	2	2	2	3	3	2	2	2
CONDUIT SIZE (mm)														
NOTES										PVC	PVC	PVC	PVC	PVC
#14 WIRES														
SIGNAL 64	3	3		3						3				
SIGNAL 62	3	3		3						3				
SIGNAL 48	2	2		2						2				
SIGNAL 29	2	2		2						2				
SIGNAL 89			2	2						2				
SIGNAL 28			2	2						2				
SIGNAL 82							3	3			3			
SIGNAL 61							3	3			3			
SIGNAL 49							2	2			2			
SIGNAL 68							2	2			2			
SIGNAL 81									3		3			
SIGNAL 88									2		2			
SIGNAL 69									2		2			
SPARE		3		3				3		3	3			
#14 WIRES NEUTRAL	4		2				4	2						
TOTAL #14 WIRES	14	13	6	17			14	13	9	17	20			
#10 WIRES NEUTRAL		1		2				1		2	2			
#8 WIRES (120V SERVICE)					2							2		
#8 WIRES (STREET LIGHT)														
DETECTOR LEAD-IN CABLE														
12C CABLE												1		
1/4" PULL CABLE		1		1				1		1	1		1	
#6 BSCW										1		1		

[illegible]

V1 LED RED, INCANDESCENT YELLOW, AND LED GREEN
 V3 LED RED, LED YELLOW, AND LED GREEN

[illegible]

FILE NAME: E-06.dwg
DATE: May 22, 2001 14:59

ORIGIN SECTION

5 6 7 8 9

EXTERNAL REFERENCES: T3A\22.dwg
FONTS USED: ROMANS.SHP ROMANS.ash ROMANS.ahx ROMANS.ahv b4