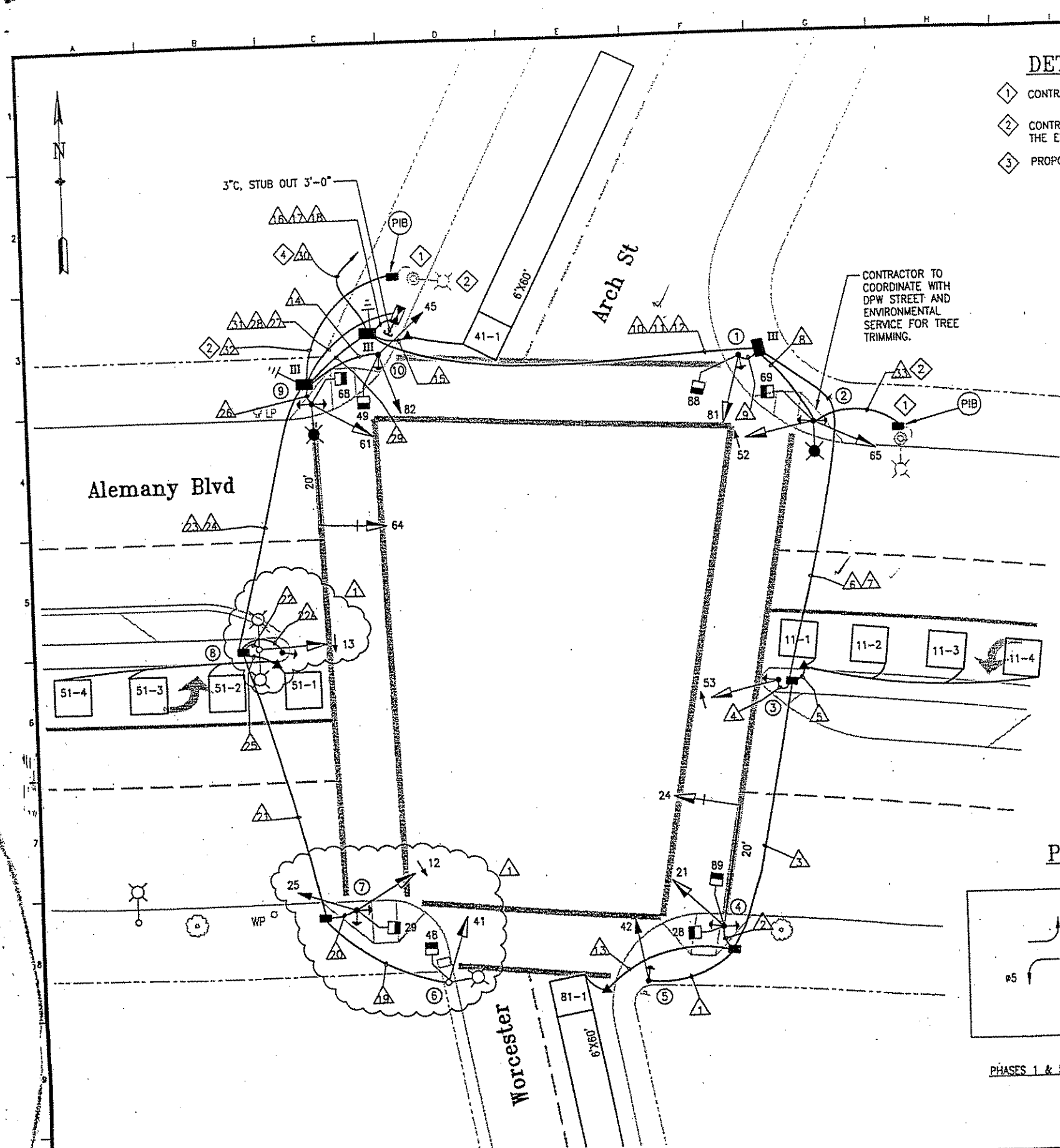




DETAIL NOTES:

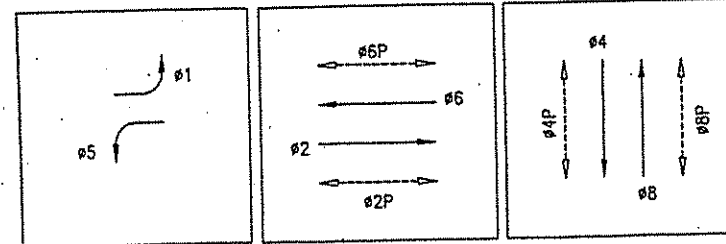
- 1 CONTRACTOR SHALL (PIB) THE EXISTING PULLBOX. SPLICE NEW WIRES TO THE EXISTING CIRCUIT.
- 2 CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION OF THE ADJACENT EXISTING STREET LIGHT; PIB THE EXISTING PULLBOX AND EXTEND TO THE NEW STREET LIGHT.
- 3 PROPOSED STRIPPING SHOWN

- 4 CONTRACTOR TO COORDINATE AND FIELD VERIFY THE EXACT INCOMING PG&E SERVICE IN THE FIELD. PROVIDE UTILITY BOX WITH IN-LINE FUSE HOLDER WITH 40A FUSE FOR IC SERVICE. F/I GROUND ROD TO THE FIRST INCOMING SERVICE PULL BOX.

POLE AND EQUIPMENT SCHEDULE

POLE No.	TYPE OF POLE	LUMINAIRE (HPS) VOLTAGE/WATTS	VEHICLE SIGNAL					PEDESTRIAN SIGNAL			REMARKS
			No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE	MOUNTING	
1	1-A(10')		81	3S12"	TV-1-T	T		88	1S-COUNT	SP-1	PPB
2	SL (NEW)	120/240V 150W	65 52	3S12" 3S12"LA	SV-2-TA	T		69	1S-COUNT	SP-1	PPB
3	1 - A (10')		53	3S12"LA	TV-1-T	T					PPB
4	16-1-70 W/ 20' MASTARM		24 21	3S12" 3S12"	MAS SV-1-T	T		28 89	1S-COUNT 1S-COUNT	SP-1 SP-1	BACKPLATE PPB
5	1 - A (10')		42	3S8"	TV-1	T					PPB
6	EX SL		41	3S12"	SV-1-T SV	T		48	1S-COUNT	SP-1	
7	1-A (10')		25 12	3S8" 3S12"LA	TV-2-T-S/A	T		29	1S-COUNT	SP-1	PPB PPB
8	1-A (10') EX SL		13	3S12"LA	SV-1-T SV	T					PPB
9	17B-1-70 W/ 20' MASTARM 6' LUM ARM	120/240V 150W	64 61	3S12" 3S12"	MAS SV-1-T	T		68	1S-COUNT	SP-1	BACKPLATE PPB
10	1-A (10')		45 82	3S8" 3S8"	TV-2-T	T		49	1S-COUNT	SP-1	PPB

PHASE DIAGRAM:



PHASES 1 & 5

PHASES 2 & 6

PHASES 4 & 8

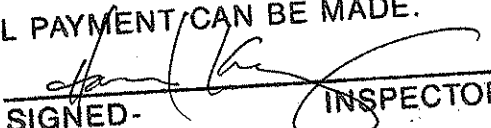
PHASE SEQUENCE

R		G		Y		R		ALEMANY	
G		Y		R		G		ALEMANY LEFT TURN ARROWS	
R		G		Y		R		ARCH WORCESTER	
RH		WM		FRH		RH		PEDS XING ALEMANY	
RH		WM		FRH		RH		PEDS XING ARCH	

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	23	24	25	26	27	28	29	30	31	32	33	
CONDUIT SIZE (INCH)	(mm)	2 53	2 53	2 53	2 53	2 53	3 76	2 53	2 53	2 53	2 53	3 76	2 53	2 53	2 53	2 53	3 76	3 76	2 53	2 53	2 53	2 53	2 53	2 53	2 53	2 53	2 53	3 76	2 53	2 53	2 53	2 53	2 53	2 53	
NOTES																	P	P	P									P	P	P		P	P		
WIRING (F/I)																																			
#14 WIRES																																			
SIGNAL	PPB	2		2				2					2					2																	
SIGNAL	42	3		3				3					3					3																	
SIGNAL	21		3	3				3					3					3																	
SIGNAL	28		2	2				2					2					2																	
SIGNAL	89		2	2				2					2					2																	
SIGNAL	24		3	3				3					3					3																	
SIGNAL	PPB		2	2				2					2					2																	
SIGNAL	PPB		2	2				2					2					2																	
SIGNAL	53				3		3					3						3																	
SIGNAL	PPB				2		2					2						2																	
SIGNAL	65									3	3							3																	
SIGNAL	52								3		3							3																	
SIGNAL	69								2		2							2																	
SIGNAL	PPB								2		2							2																	
SIGNAL	PPB								2		2							2																	
SIGNAL	81									3	3							3																	
SIGNAL	88									2	2							2																	
SIGNAL	PPB									2	2							2																	
SIGNAL	82															3																		3	
SIGNAL	45															3																		3	
SIGNAL	49															2																		2	
SIGNAL	PPB															2																		2	
SIGNAL	41																																		
SIGNAL	12																																		
SIGNAL	48																																		
SIGNAL	29																																		
SIGNAL	PPB																																		
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SIGNAL	13																																		
SIGNAL	PPB																																		
SIGNAL	61																																		
SIGNAL	64																																		
SIGNAL	68																																		
SIGNAL	PPB																																		
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SIGNAL																																			

PLANS ARE TO BE RETURNED WITH CORRECTIONS MADE AND CERTIFIED TO IN RED INK AND DATED BY THE INSPECTOR IN CHARGE UPON COMPLETION OF THE WORK BEFORE FINAL PAYMENT CAN BE MADE.

SIGNED:  INSPECTOR

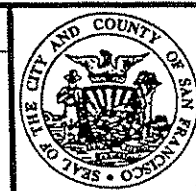
DETAIL NOTE:

P PVC CONDUIT SCHEDULE 80.

AS-BUILT DRAWING

NO.	DATE	DESCRIPTION	BY	APP.
1	04/02	RELOCATION OF SIGNALS PCO #2	SL	HLK

REFERENCE INFORMATION & FILE NO. OF SURVEYS



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

DESIGNED: DATE:
RO/LS/STL/00
DRAWN: DATE:
JS 1/01
CHECKED: DATE:
BW/RO/STL/01

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

SCALE:
NONE
SHEET OF SHEETS
8 OF 20

CONTRACT 54
NEW TRAFFIC SIGNAL PROJECT
ALEMANY BLVD, ARCH ST, & WORCHESTER ST
SCHEDULE

SPECIFICATION NO.
0309J
DRAWING NO.
E-1.1
FILE NO.
77762
REV. NO.
1

EXTERNAL REFERENCES: 0309J.E1.1.dwg
FONTS USED: ROMANS.SHX ROMANS.SHX ROMANS.SHX
SCALE FACTOR: 1=1
PLOT SCALE: 1=1
ORIGIN:
FILE NAME: 0309J_PC02.E1.1.dwg
DATE: Apr 18 2002 16:32