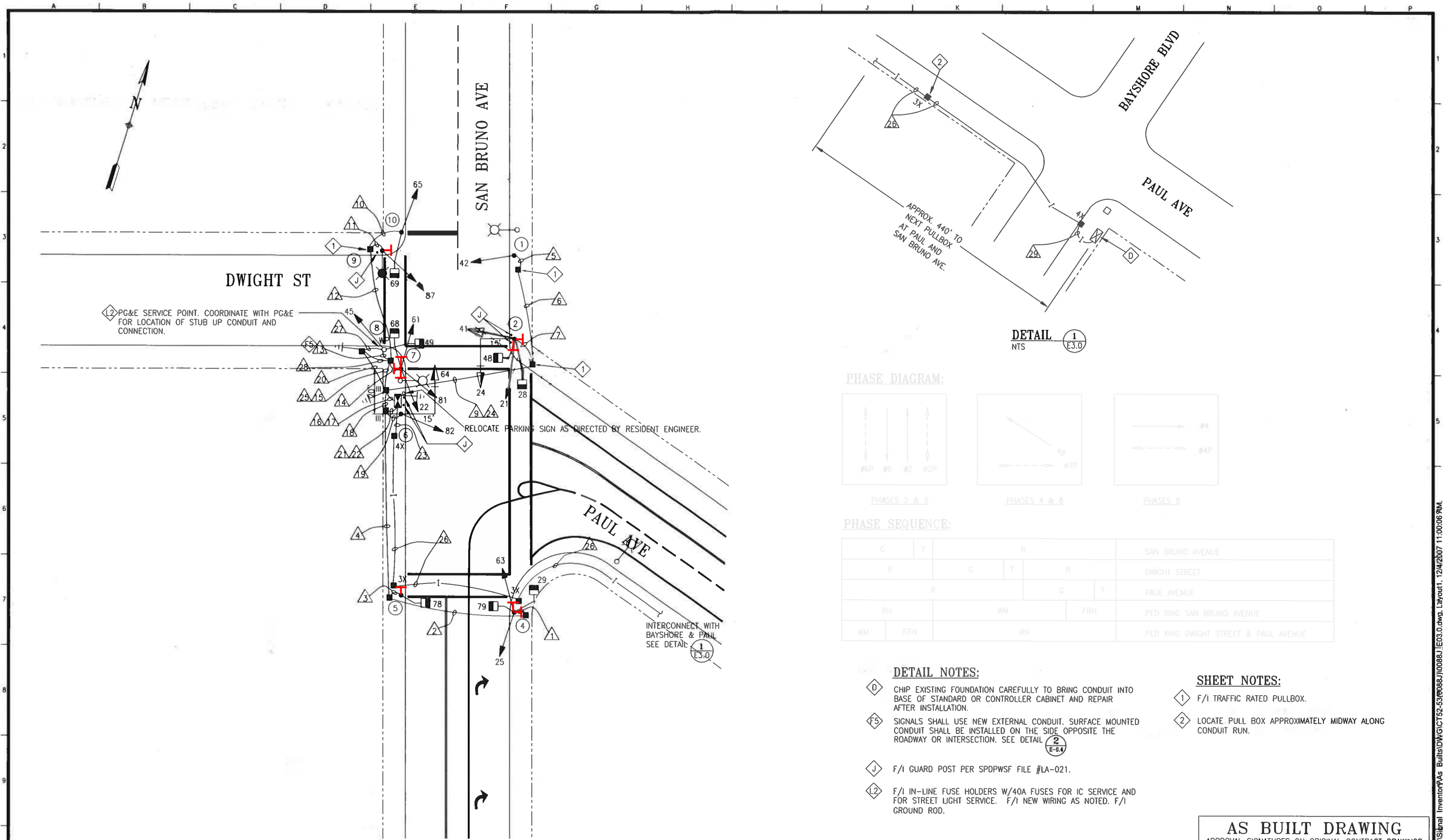
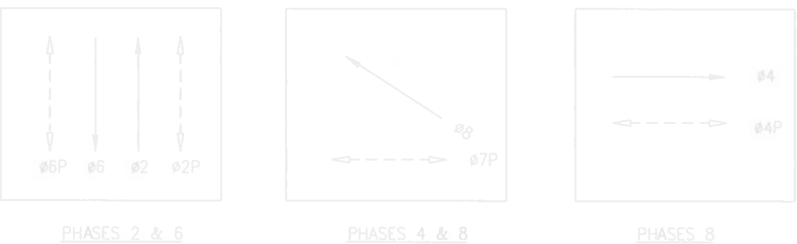




PHASE DIAGRAM:



PHASE SEQUENCE:

G	Y	R	SAN BRUNO AVENUE
R	G	Y	DWIGHT STREET
R	G	Y	PAUL AVENUE
RH	WM	FRH	PED XING SAN BRUNO AVENUE
WM	FRH	RH	PED XING DWIGHT STREET & PAUL AVENUE

DETAIL NOTES:

- ◇ CHIP EXISTING FOUNDATION CAREFULLY TO BRING CONDUIT INTO BASE OF STANDARD OR CONTROLLER CABINET AND REPAIR AFTER INSTALLATION.
- ◇ F5 SIGNALS SHALL USE NEW EXTERNAL CONDUIT. SURFACE MOUNTED CONDUIT SHALL BE INSTALLED ON THE SIDE OPPOSITE THE ROADWAY OR INTERSECTION. SEE DETAIL 2 E-0.4
- ◇ J F/I GUARD POST PER SPDWSF FILE #LA-021.
- ◇ L2 F/I IN-LINE FUSE HOLDERS W/40A FUSES FOR IC SERVICE AND FOR STREET LIGHT SERVICE. F/I NEW WIRING AS NOTED. F/I GROUND ROD.

SHEET NOTES:

- ◇ 1 F/I TRAFFIC RATED PULLBOX.
- ◇ 2 LOCATE PULL BOX APPROXIMATELY MIDWAY ALONG CONDUIT RUN.

AS BUILT DRAWING
APPROVAL SIGNATURES ON ORIGINAL CONTRACT DRAWINGS.

(4) 4/2/22 Install APS (SRC 2021-058) E. Luu: G. de Leon			
02/24/2020 UPDATE AS PER FIELD (E. LUU)			
11/03	AS BUILT		
12/02	PCO 10: ADDITIONAL SIGNALS	TP	STL
7/02	PCO 9: STREET LIGHT REVISIONS; POLES 7, 9, 10	TP	STL
NO.	DATE	DESCRIPTION	BY APP.
TABLE OF REVISIONS			
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION			

REFERENCE INFORMATION
& FILE NO. OF SURVEYS



DEPARTMENT OF PARKING AND TRAFFIC
DIVISION OF TRAFFIC ENGINEERING
CITY AND COUNTY OF SAN FRANCISCO

DESIGNED: DATE: TP/BD 4/01	APPROVED: SECTION MANAGER DATE:	SCALE: 1" = 20"	CONTRACT 52-53 NEW TRAFFIC SIGNAL	SPECIFICATION NO. 0088J
DRAWN: DATE: JE 4/01	CITY ENGINEER DATE:	SHEET OF SHEETS 11 OF 32	DWIGHT ST, PAUL AVE & SAN BRUNO AVE	DRAWING NO. E-3.0
CHECKED: DATE: STL 4/01				FILE NO. 75,965
				REV. NO.

T:\E_FILES\Signal_Inventory\As_Built\DWG\CT52-53\0088J\0088J E-3.0.dwg, Layout1, 12/4/2007 11:00:06 AM
ORIGINAL CALP & TAY
DATE CANCELED: 5/1/11
EXTENDING RECD: 12/4/09

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	
CONDUIT SIZE (INCH)	2	2	2	2	2	2	2		2	2	2	2	1.5	2	2	3	2	2	2	2	3	2	2	2	2	2	2	2	2	
NOTES								NOT USED								P	P	P			P	P	Q3	SPARE		Q1	S		Q3	
WIRING (F/I)	#14 WIRES																													
	SIGNAL 25	3	3		3																	3								
	SIGNAL 29	2	2		2																	2								
	SIGNAL 79	2	2		2																	2								
	SIGNAL 78			2	2																	2								
	SIGNAL 42					3	3			3							3													
	SIGNAL 24						3			3							3													
	SIGNAL 41						3			3							3													
	SIGNAL 21						3			3							3													
	SIGNAL 28						2			2							2													
	SIGNAL 48						2			2							2													
	SIGNAL 65										3		3				3	3												
	SIGNAL 69										2		2				2	2												
	SIGNAL 87											3	3				3	3												
	SIGNAL 45													3			3									3				
	SIGNAL 49														2		2									2				
	SIGNAL 81														3		3									3				
	SIGNAL 61														3		3									3				
	SIGNAL 22														3		3									3				
	SIGNAL 68														2		2									2				
	SIGNAL 64																			3		3								
	SIGNAL 82																			3		3								
	SIGNAL 63	3	3		3																3		3							
	#14 WIRES (NEUTRAL)	3		1		1		5			2	1		2	2						2									
	#14 WIRES (SPARE)		3		3		3			3			3				3	6				3								
	TOTAL #14 WIRES	13	13	3	15	4	6	16		19	7	4	11	7	13	11	46			8		21				16				
	#10 WIRES (NEUTRAL)		1		1		1			1			1				1	4				2				1				
	#8 WIRES (120V SERVICE)																		2			2								
	#8 WIRES STREET LIGHT												2																2	
	#10 WIRES STREET LIGHT											2																		
DLW																														
DLC																														
1/4"(6.35mm)PULL ROPE		1		1		1			1			1									1			1						
#6 BSCW																		1												
12-CONDUCTOR CABLE																								1		1			1	
#10 GREEN SCGW																								1		1			1	

POLE AND EQUIPMENT SCHEDULE											
POLE No.	TYPE OF POLE	LUMINAIRE (HPS)	VEHICLE SIGNAL					PEDESTRIAN SIGNAL			REMARKS
		VOTAGE/ WATTS	No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE	MOUNTING	
①	1 - A (13')		42	3S8"	TV-1	TUNNEL					
②	16-1-70 W/ 15' MAST ARM		21 24 41	3S8" 3S12" 3S12"	MAS SV-2-TA MOUNT AT 13'	TUNNEL TUNNEL TUNNEL		28 48	1S-COUNT 1S-COUNT	SP-1 SP-1	BACKPLATE APS-3W x 2
③	NOT USED										
④	1 - A (10')		25 63	3S8" 3S8"	TV-2-T	TUNNEL TUNNEL		29 79	1S-IN 1S-IN	SP-1 SP-1	APS-3W x 2
⑤	1 - A (7')							78	1S-IN	TP-1	APS-3W
⑥	16-1-70 W/ 15' MAST ARM		64 82	3S12" 3S8"	MAS SV-1-T	TUNNEL TUNNEL					BACKPLATE PREEMPT & NETWORK RADIOS
⑦	1 - A (10')		22 61 81	3S8" 3S8" 3S8"	TV-3-T-SF	TUNNEL TUNNEL TUNNEL		68	1S-IN	SP-1	APS-3W x 3
⑧	EX WOOD POLE		45	3S8"	SV-1-T	TUNNEL		49	1S-IN	SP-1	EXTERNAL CONDUIT 2 E-0.4
⑨	CITY STANARD STREET LIGHT 	120/240V 200W	87	3S8"	SV-1-T	RT ANGLE					APS-3W CCTV
⑩	1 - A (10')		65	3S8"	TV-1	TUNNEL		69	1S-IN	SP-1	

DETAIL NOTES:

- B2 F/I WITH INTEGRAL BALLAST AND PHOTO ELECTRIC CONTROL. F/I FUSE AND FUSE HOLDERS PER SPDWSF FILE 49,092.
- P F/I PVC CONDUIT SCHEDULE 80.
- Q1 F/I 2-2" POLYETHELENE SCHEDULE 80 CONDUIT WITH 1/4" NYLON PULL TAPE IN EACH CONDUIT.
- Q3 F/I 2 - 2" PVC SCHEDULE 80 CONDUIT WITH 1/4" NYLON PULL TAPE IN EACH CONDUIT.
- S COORDINATE WITH PG&E FOR STUP UP CONDUIT.

AS BUILT DRAWING
APPROVAL SIGNATURES ON ORIGINAL CONTRACT DRAWINGS.

(4) 4/2/22 Install APS (SRC 2021-058) E. Luu: G. de Leon		REFERENCE INFORMATION & FILE NO. OF SURVEYS	
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CITY AND COUNTY OF SAN FRANCISCO

DESIGNED: DATE:	APPROVED	SCALE:
TP/BD 4/01		NONE
DRAWN: DATE:	SECTION MANAGER DATE:	
JE 4/01		
CHECKED: DATE:		SHEET OF SHEETS
STL 4/01	CITY ENGINEER DATE:	12 OF 32

CONTRACT 52-53 NEW TRAFFIC SIGNAL		SPECIFICATION NO. 0088J
DWIGHT ST, PAUL AVE & SAN BRUNO AVE SCHEDULE		DRAWING NO. E-3.1
		FILE NO. 75,966
		REV. NO.