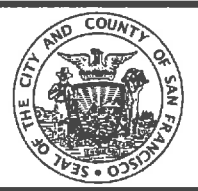


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CHECK ALL ISSUED REVISIONS OF THIS DRAWING.

Switchover 11/9/2017  
Dark: 10:47 AM  
3-Color: 11:36 AM  
Nikki Kobayashi (MTA)  
Mike Chue, Leonard Wong (Signal Shop)  
Karl Johnson, Denny Phan (PW)  
Torn Saelee (BAL)

TABLE OF REVISIONS				
NO.	DATE	DESCRIPTION	BY	APP.
1	05/2017	POD 1-REVISED PG&E SERVICE POINT CONNECTION	JD	GD

REFERENCE INFORMATION  
& FILE NO. OF SURVEYS



DESIGN & ENGINEERING  
PUBLIC WORKS  
CITY & COUNTY OF SAN FRANCISCO  
30 VAN NESS AVENUE, 5TH FLOOR  
SAN FRANCISCO, CA 94102 - 6028

Section Mgr: \_\_\_\_\_ Date: \_\_\_\_\_  
Deputy Division Mgr: \_\_\_\_\_  
Division Mgr: PATRICK RIVERA

DESIGNED: DATE: 10/2016  
DY/NL  
DRAWN: DATE: 10/2016  
DY/NL  
CHECKED: DATE: 10/2016  
GD/SL



SCALE:  
AS SHOWN  
SHEET OF SHEETS  
16 OF 23

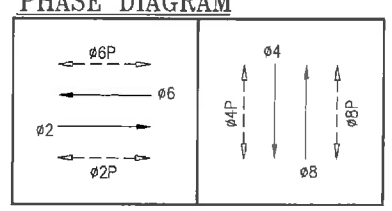
WEBSTER STREET  
PEDESTRIAN COUNTDOWN SIGNAL UPGRADE

EDDY STREET AND WEBSTER STREET  
TRAFFIC SIGNAL WORK

CONTRACT NO. 2785J  
DRAWING NO. E-4.0  
FILE NO. 108,880  
REV. NO. 0

POLE AND EQUIPMENT SCHEDULE											
POLE No.	TYPE OF POLE	LUMINAIRE VOLTAGE/WATTAGE	VEHICLE SIGNAL					PEDESTRIAN SIGNAL			REMARKS
			No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE	MOUNTING	
①	1-A (10')	1	81	3S12"	TV-1-T	T		88	1S-COUNT	SP-1	APS-ZW
②	PPB POLE										APS-ZW
③	EX. MUNI POLE		22	3S12"	SV-1-T	T		69	1S-COUNT	SP-1-T	EXTERNAL CONDUIT 1 E-0.3
④	EX. MUNI POLE WITH 6" LA		21	3S12"	SV-1-T	T		28	1S-COUNT	SP-1	APS-ZW
⑤	1-A (10')		42	3S12"	TV-1-T	T		89	1S-COUNT	SP-1	APS-ZW
⑥	EX. MARBELITE STREET LIGHT		43	3S12"	SV-1-T	T					
⑦	16-2-100 WITH 20' MA		41 44	3S12" 3S12"	SV-1-T MAS	T T		48	1S-COUNT	SP-1	APS-ZW BACKPLATE
⑧	EX. MUNI POLE		62	3S12"	SV-1-T	T		29	1S-COUNT	SP-1	APS-ZW PPB
⑨	1-A (10')		61	3S12"	TV-1-T	T		68	1S-COUNT	SP-1 (28")	APS-ZW
⑩	1-A (10')		82	3S12"	TV-1-T	T		49	1S-COUNT	SP-1	APS-ZW
⑪	16-2-100 WITH 15' MA		83 84	3S12" 3S12"	SV-1-T MAS	T T					BACKPLATE

- SHEET NOTES:
- 1 SPlice (E) 12C CABLE AND EXTEND TO NEW IC PER CONDUIT AND WIRING SCHEDULE
  - 2 INTERCEPT (E) 2" PVC CONDUIT AND BRING INTO (N) 1-A (10') POLE
  - 3 SPlice (E) CUT-OFF 12C AND EXTEND TO (N) IC PER CONDUIT AND WIRING SCHEDULE
  - 4 ABANDON (E) CONDUIT AND WIRING. CUT (E) CONDUIT AND WIRING TO PULLBOX WALL AND CAP ENDS. PRIOR TO ABANDONING OF (E) CABLES IN (E) CONDUIT, FIELD VERIFY AND MAINTAIN INTERCONNECT, AS WELL AS SERVICES TO STREETLIGHTS AND TRAFFIC CONTROLLER
  - 5 REMOVE (E) TRAFFIC SIGNAL CABLES EXCEPT SERVICE TO STREETLIGHTS AND INTERCONNECT CABLES WHERE APPLICABLE. PRIOR TO REMOVAL OF (E) CABLES IN (E) CONDUIT, FIELD VERIFY AND MAINTAIN (E) SERVICES TO STREETLIGHTS AND INTERCONNECT
  - 6 CONTRACTOR TO PROVIDE WIRING, CITY FORCES TO PROVIDE APS & PPB BUTTONS ON POLES AS SHOWN
  - 7 INSTALL CITY FURNISHED ONE SECTION LED PEDESTRIAN COUNTDOWN SIGNAL MODULE IN CONTRACTOR FURNISHED ONE SECTION PEDESTRIAN SIGNAL HOUSING
  - 8 COORDINATE WITH PG&E THROUGH SFPUC FOR DEACTIVATION OF SERVICE CONNECTION WORK TO BE COMPLETED AFTER ACTIVATION OF NEW SERVICE POINT. TEN WORKING DAYS NOTICE IS REQUIRED
  - 9 MAINTAIN EXISTING TROLLEY WIRES
  - 10 CONTROLLER SERVICE POINT IS A PG&E SECONDARY BOX LOCATED NORTH OF THE NORTHWEST CORNER OF EDDY AND WEBSTER STREETS. COORDINATE WITH PG&E THROUGH SFPUC FOR ACTIVATION OF SERVICE POINT.



PHASE SEQUENCE			
G	Y	R	EDDY ST EB & WB (#2 & #6)
R		G	WEBSTER ST SB & NB (#4 & #8)
WM	FRH	RH	PEDS XING WEBSTER ST SS & NS (#2P & #6P)
RH	WM	FRH	PEDS XING EDDY ST WS & ES (#4P & #8P)

# CONDUIT AND WIRING SCHEDULE (FURNISH AND INSTALL CONDUIT AND WIRES)

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	34
CONDUIT SIZE (INCH)		2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	1	3	2	2	2	2	2	2	2	2	2	3	2	2	
		EX			EX			EX	EX				SP								GRS	1	1	SP		EX	EX		EX	EX			1	SP	
NOTES					GRS				GRS																										
	VEHICLE SIGNAL 62	3		3		3				3		3																							
	PED SIGNAL 29	2		2		2				2		2																							
	APS PPB & PPB FOR XING EDDY ON POLE 8	2		2		2				2		2																							
	VEHICLE SIGNAL 41		3	3		3				3		3																							
	VEHICLE SIGNAL 44		3	3		3				3		3																							
	PED SIGNAL 48		2	2		2				2		2																							
	APS PPB FOR XING WEBSTER ON POLE 7		2	2		2				2		2																							
	VEHICLE SIGNAL 43				3	3				3		3																							
	VEHICLE SIGNAL 42						3				3	3																							
	PED SIGNAL 89						2				2	2																							
	APS PPB FOR XING WEBSTER ON POLE 5						2				2	2																							
	VEHICLE SIGNAL 21							3			3	3																							
	PED SIGNAL 28							2			2	2																							
	APS PPB FOR XING EDDY ON POLE 4							2			2	2																							
	VEHICLE SIGNAL 61												3		3		3					3													
	PED SIGNAL 68												2		2		2					2													
	APS PPB FOR XING EDDY ON POLE 9												2		2		2					2													
	VEHICLE SIGNAL 82														3	3		3				3													
	PED SIGNAL 49														2	2		2				2													
	APS PPB FOR XING WEBSTER ON POLE 10														2	2		2				2													
	VEHICLE SIGNAL 83																3	3				3													
	VEHICLE SIGNAL 84																3	3				3													
	VEHICLE SIGNAL 81																		3			3													
	PED SIGNAL 88																		2			2													
	APS PPB FOR XING WEBSTER ON POLE 1																		2			2													
	VEHICLE SIGNAL 22																				3		3												
	PED SIGNAL 69																				2		2												
	APS PPB FOR XING EDDY ON POLE 2																					2	2												
	#14 NEUTRAL	2	3		1		2	2					2	2		2		3	2																
	#14 SPARE			3		3				3		3				3		3				3													
	TOTAL #14 WIRES	9	13	20	4	23	9	9		23	14	37		9	9	17	8	23	10	7	2	37													
	#10 WIRES NEUTRAL			1		2				2	1	3				1		2				3													
	#10 WIRES STREET LIGHT																																		
	#8 WIRES STREET LIGHT																																		
	#8 WIRES (120 V SERVICE)																				2	1													
	#6 BSCW (SEE SHEET NOTE 1)																																		
	INTERCONNECT 12C CABLE									2																		1	2	2	2	1	1	1	

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1	05/2017	PCO 1-REVISED PO&E SERVICE WIRING	JD	GD
TABLE OF REVISIONS				

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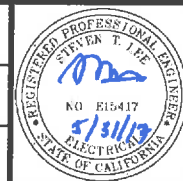


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Section Mgr:  
Deputy Division Mgr:  
Division Mgr: PATRICK RIVERA

Date:

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SCALE:

AS SHOWN

SHEET OF SHEETS  
17 OF 23

WEBSTER STREET  
PEDESTRIAN COUNTDOWN SIGNAL UPGRADE

EDDY STREET AND WEBSTER STREET  
CONDUIT & WIRING SCHEDULE

CONTRACT NO.  
2785j  
DRAWING NO.  
E-4.1  
FILE NO.  
108,881  
REV. NO.  
0