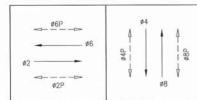


	GNAL	PEDESTRIAN SIG				VEHICLE SIGNAL			LUMINAIRE	TYPE OF POLE	POLE
REMARKS <	MOUNTING	TYPE(2)	No.	LOUVERS	VISORS	MOUNTING	TYPE	No.	VOLTAGE/ WATTAGE	TIPE OF POLE	No.
MOUNT 81 @ 13	SP-1	1S-COUNT	88		т	SV-1-T	3812"	81		MARBELITE STREETLIGHT	①
APS-2W										PPB POLE	2
APS-2W	SP-1	1S-COUNT	69		т	TV-1-T	3812"	22		1-A (13')	3
APS-2W MOUNT 21 @ 13 BACKPLATE	SP-1	1S-COUNT	28		Ţ	SV-1-T MAS	3\$12" 3\$12"	21 24	(A2) (6)	17-2-100 WITH 20' MA AND 6' LA	4
APS-2W	SP-1	1S-COUNT	89		Ţ	TV-2-T	3\$12" 3\$12"	42 85		1-A (10')	(5)
APS-2W	SP-1	1S-COUNT	48		т	SV-1-T	3512"	41		MARBELITE STREETLIGHT	6
APS-2W	SP-1	1S-COUNT	29		т	TV-1-T	3\$12"	62		1-A (10')	7
APS-2W BACKPLATE	SP-1	1S-COUNT	68		т	SV-1-T MAS	3S12" 3S12"	61 64	(A2) (6)	17-2-100 WITH 20' MA AND 6' LA	8
APS-2W	SP-1	1S-COUNT	49		т	TV-1-T	3\$12"	82			(9)

SHEET NOTES:

- ABANDON EXISTING CONDUIT AND WIRING, CUT EXISTING CONDUIT TO PULLBOX WALL AND CAP ENDS. PRIOR TO REMOVING OF EXISTING CABLES IN EXISTING CONDUIT, FIELD VERIFY AND MAINTAIN SERVICES TO STREETLIGHTS AND TRAFFIC CONTROLLER.
- INSTALL CITY FURNISHED ONE SECTION LED PEDESTRIAN COUNTDOWN SIGNAL MODULE IN CONTRACTOR FURNISHED ONE SECTION PEDESTRIAN SIGNAL HOUSING.
- CITY FORCES TO INSTALL CITY FURNISHED APS PUSH BUTTONS ON POLES AS SHOWN ON INTERSECTION DRAWING AND AS INDICATED IN POLE & EQUIPMENT SCHEDULE. CONTRACTOR TO F/I WIRING AS SHOWN IN THE CONDUIT AND WIRING SCHEDULE.
- CONTROLLER SERVICE POINT IS A PG&E SECONDARY BOX LOCATED 80' WEST OF THE SOUTHWEST CORNER OF BUCHANAN AND CALIFORNIA STREETS. COORDINATE WITH PG&E THROUGH SFPUC FOR ACTIVATION OF SERVICE POINT.
- 5 F/I 40A INLINE FUSE AND FUSE HOLDER FOR TRAFFIC SIGNAL SERVICE DISCONNECT IN FIRST PULL BOX NEXT TO THE NEW PG&E SERVICE POINT.
- 6 SEE LIGHTING FIXTURE SCHEDULE ON E-0.1
- REMOVE EXISTING CABLES EXCEPT SERVICES TO STREETLIGHTS AND INTERCONNECT CABLES WHERE APPLICABLE. PRIOR TO REMOVAL OF EXISTING CABLES IN EXISTING CONDUIT, FIELD VERIFY AND MAINTAIN SERVICES TO STREETLIGHTS AND INTERCONNECT.
- (8) CITY FORCES TO RELOCATE PROXIM RADIO EQUIPMENT. TEN WORKING DAYS NOTICE IS REQUIRED.
- SEXTEND 12/C INTERCONNECT TO NEW IC LOCATION PER CONDUIT AND WIRING SCHEDULE. SPLICE TO EXISTING 12/C TO MAINTAIN INTERCONNECT SYSTEM.
- ROUTE CONDUITS TO AVOID DISTURBING CONCRETE STREET. RESTORE ANY DAMAGED AREAS PER SFPW STANDARD SPECIFICATIONS.
- SPLICE NEW STREET LIGHT TO EXISTING STREETLIGHT SERVICE. PROVIDE 10A FUSE AND FUSE HOLDER.
- 12 EXCERSIZE CAUTION TO PROTECT CISTERN

PHASE DIAGRAM





2805J

					REFERENCE INFORMATION & FILE NO. OF SURVEYS
NO.	DATE	DESCRIPTION	BY	APP.	
		TABLE OF REVISIONS			





ENGINEERING SAN FRANCISCO PUBLIC WORKS 30 VAN NESS AVENUE, 5TH FLOOR SAN FRANCISCO, CA 94102 - 6028

1		Date:	DESIGNED:	DATE:
	Section Mgr: PHILIP THWIN	10/1-	JH/CMF	5/201
5	Deputy Division Mgr: IQBALBHAI DHAPA	10/2/17	DRAWN: JH/CMF	DATE: 5/201
	Division Man Alm PATRICK RIVERA	19/3/17	CHECKED: GD/SL	DATE: 5/201

NED:	DATE: 5/2017	PROFESSIONAL SECTION TO LAND S	S
N: CMF	DATE: 5/2017	NO. E15417 NO.	SI
KED: SL	DATE: 5/2017	OF CALIFORNIA	

	SCALE:
1	AS SHOWN
	SHEET OF SHEETS

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CONTRACT 34 - TRAFFIC SIGNAL MODIFICATIONS

E-9.0 BUCHANAN STREET AND CALIFORNIA STREET TRAFFIC SIGNAL WORK 109,562 POLE AND EQUIPMENT SCHEDULE

ONDUIT I	RUN NUMBER	IDUI	2		4	<u>A</u>	A	A	A	A	Δ	A	Δ	Δ	Λ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ	Δ						
	SIZE (INCH)	UNK	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	/18/	2	3	2	2	23	3	1				\dashv	\dashv	_
	ole (mon)	EX	-	-	SP	100	GRS		-		SP		-	-	700.0	GRS		SP		-		-	SP	-						\dashv		
TES						\neg																										
	VEHICLE SIGNAL 81	3		3		\neg			3			3																				
	PED SIGNAL 88	2		2					2			2																				
	APS XING BUCHANAN ON POLE 2			2					2			2														2						
	VEHICLE SIGNAL 22		3	3					3			3																				
	PED SIGNAL 69		2	2					2			2																				
	APS XING CALIFORNIA ON POLE 3		2	2					2			2																				
	VEHICLE SIGNAL 21					3				3		3																				_
	VEHICLE SIGNAL 24					3				3		3																				_
	PED SIGNAL 28					2				2		2																				
	APS XING CALIFORNIA ON POLE 4					2				2		2																				
	VEHICLE SIGNAL 42							3		3		3																				
	VEHICLE SIGNAL 85							3		3		3																				
	PED SIGNAL 89							2		2		2																				
	APS XING BUCHANAN ON POLE 5							2		2		2																				
	VEHICLE SIGNAL 82													3			3				3											
	PED SIGNAL 49													2			2				2											
	APS XING CALIFORNIA ON POLE 9													2			2				2											
	VEHICLE SIGNAL 61									-					3		3				3											Π
	VEHICLE SIGNAL 64														3		3				3											
	PED SIGNAL 68														2		2				2				-							
	APS XING BUCHANAN ON POLE 8														2		2				2											Т
	VEHICLE SIGNAL 41																		3		3											
	PED SIGNAL 48																		2		2											
	APS XING BUCHANAN ON POLE 6																		2		2											Т
	VEHICLE SIGNAL 62																			3	3											
	PED SIGNAL 29																			2	2											
	APS XING CALIFORNIA ON POLE 7																			2	2											
																																Π
	#14 NEUTRAL	2	2			3		2						2	3				2	2												
	#14 SPARE			3					3			3					3				3											
	TOTAL #14 WIRES	7	9	17		13		12	17	20		37		9	13		20		9	9	34					2						
	#10 WIRES NEUTRAL			1					1	1		2					1				2											
7.25	#10 WIRES STREET LIGHT <2>	(2)					2									2			(2)													
	#8 WIRES STREET LIGHT																															
	#8 WIRES (120 V SERVICE)												2											2	3							
	#6 BSCW (1)																															
	INTERCONNECT 12C CABLE																					1										

SHEET NOTES:

1) F/I PER GROUNDING LAYOUT DETAIL AND PROJECT SPECIFICATIONS SECTION 34 41 13.

(2)(#) INDICATES EXISTING WIRE TO REMAIN



BY APP.



WORKS

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

٦		Date:	DESIGNED:	DATE:
	Section Mgr. PHILIP THWIN	10/2/17	JH/CMF	5/2017
S	Deputy Division Mar: IQBALBHAI DHAPA	10/2/12	DRAWN: JH/CMF	DATE: 5/2017
100	Division Man A PATRICK RIVERA	19/3/17	CHECKED: GD/SL	DATE: 5/2017

	ORS	FESS	100	20
	150	M		1
REGIS	016	E15	117	LNEER
16	EL	ECTRV		

(/s)	PRO	ESS,	ONA)	1
13/0	M	Mr	2 (%)	
1	N6.	E154	17	NEEL
10.1			/	1

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	ITOTIL	SIGNAL MUDIFICATIONS
CONTRACT 34 - TRAFFIC	NONE	SIGNAL MODIFICATIONS
	:	CONTRACT 34 - TRAFFIC

BUCHANAN STREET AND CALIFORNIA STREET CONDUIT AND WIRING SCHEDULE

1	CONTRACT NO.
ı	2805J
ı	DRAWING NO.
	E-9.1
1	FILE NO.
ı	100 563