



A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
A B B R E V I A T I O N S															
A	AMPERE			KW	KILOWATT			T	TUNNEL VISOR			L3S8"	3 SECTION 8"(203.2 mm) RED, YELLOW, GREEN LOUVER ON SIGNAL FACE.		
APS	ACCESSIBLE PEDESTRIAN SIGNALS			LGT	LIGHT			TS	TRAFFIC SIGNAL			3S12"	3 SECTION 12"(304.8 mm), RED, YELLOW, GREEN		
APS-2W	ACCESSIBLE PEDESTRIAN SIGNALS, 2 WIRE SYSTEM.			LUM	LUMINAIRE			TSP	TRANSIT SIGNAL PRIORITY EQUIPMENT			3S12"LA	3 SECTION 12"(304.8 mm), RED, YELLOW, GREEN (ALL LEFT ARROWS)		
APS-4W	ACCESSIBLE PEDESTRIAN SIGNALS, 4 WIRE SYSTEM.			M	METER			TP	TROLLEY POLE			3S12"RA	3 SECTION 12"(304.8 mm), RED, YELLOW, GREEN (ALL RIGHT ARROWS)		
ATS	AUTOMATIC TRANSFER SWITCH			MAS	MAST ARM MOUNTED VEHICLE SIGNALS SIDE MOUNTED			V	VOLT			3S12"GRA	3 SECTION 12"(304.8 mm) RED, YELLOW, GREEN RIGHT ARROW		
A.T.&T.	AMERICAN TELEPHONE COMPANY			MAC	MAST ARM MOUNTED VEHICLE SIGNALS WITH CONDULET			VA	VOLTAMPERE			3S12"GSA	3 SECTION 12"(304.8 mm) RED, YELLOW, GREEN STRAIGHT ARROW		
AWG	AMERICAN WIRE GAUGE			METS	MAYOR'S EMERGENCY TELEPHONE SYSTEM			VDS	VIDEO DETECTION SYSTEM CAMERA			3S12"FY	3 SECTION 12"(304.8 mm) RED, YELLOW, FLASHING YELLOW		
BP	SIGNAL BACKPLATE			mm	MILLIMETER			U.O.N., UON	UNLESS OTHERWISE NOTED			L3S12"	3 SECTION 12"(304.8 mm) RED, YELLOW, GREEN LOUVER ON SIGNAL FACE.		
BSCW	BARE STRANDED COPPER WIRE			(N)	NEW			VEH	VEHICLE			PV3S12"	PROGRAMMED VISIBILITY, 3 SECTION 12" (304.8 mm), RED, YELLOW, GREEN		
C	CONDUIT			NIC	NOT IN CONTRACT			VMS	VARIABLE MESSAGE SIGN			PV3S12"RA	PROGRAMMED VISIBILITY, 3 SECTION 12" (304.8 mm), RED RIGHT ARROW, YELLOW RIGHT ARROW, GREEN RIGHT ARROW		
CAB	CABINET			NTS	NOT TO SCALE			W	WATT			4S8"-X	4 SECTION 8"(203.2 mm), RED, YELLOW, GREEN, AND GREEN "X" FOR MUNI		
CCTV	CLOSED CIRCUIT TELEVISION CAMERA			OH	OVERHEAD			WM	WALKING MAN			4S8"GRA	4 SECTION 8"(203.2 mm), RED, YELLOW, GREEN, AND 12"(304.8 mm) GREEN RIGHT ARROW		
CKT	CIRCUIT			PAC	PACIFIC BELL CO.			WP	WOOD POLE			4S12"GLA	4 SECTION 12"(304.8 mm), RED, YELLOW, GREEN, AND GREEN LEFT ARROW		
CB	CIRCUIT BREAKER			PG&E, PGE	PACIFIC GAS AND ELECTRIC COMPANY			WPR	WEATHERPROOF			L4S12"GLA	4 SECTION 12"(304.8 mm), RED, YELLOW, GREEN AND GREEN LEFT ARROW. LOUVER ON GREEN BALL ONLY		
CO	CONDUIT ONLY			PED	PEDESTRIAN			Y	YELLOW			4S12"-GRA,GLA	4 SECTION 12"(304.8 mm), RED, YELLOW, GREEN RIGHT ARROW AND GREEN LEFT ARROW		
CTSP	STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, STANDARD PLANS AND STANDARD SPECIFICATIONS.			PED(S) XING	PEDESTRIAN CROSSING			TV-X SV-X TP-X SP-X	} VEHICLE AND PEDESTRIAN SIGNAL POLE MOUNTING DESIGNATIONS. SEE CTSP ES-4A, ES-4B, ES-4C, ES-4D EXCEPT USE U-BOLTS IN LIEU OF POLE PLATES AS APPLICABLE.			4S12"GRA	4 SECTION 12"(304.8 mm), RED, YELLOW, GREEN, AND GREEN RIGHT ARROW		
DLC	DETECTOR LEAD-IN CABLE			PPB	PEDESTRIAN PUSH BUTTON			EB WB NB SB		} TRAFFIC DIRECTION SUCH AS EAST BOUND, WEST BOUND, NORTH BOUND AND SOUTH BOUND.			4S12"GLA	4 SECTION 12"(304.8 mm), RED, YELLOW, GREEN, AND GREEN LEFT ARROW	
DLW	DETECTOR LOOP WIRES			PPBP	PEDESTRIAN PUSH BUTTON POST (POLE)			1-A (X)	CALTRANS TYPE OF SIGNAL STANDARD. SEE CTSP.				4S12"GRA	4 SECTION 12"(304.8 mm), RED, YELLOW, GREEN, AND GREEN RIGHT ARROW	
DTIS	DEPT. OF TELECOMMUNICATIONS AND INFORMATION SERVICES			PV	PROGRAMMED VISIBILITY			12/C	12-CONDUCTOR CABLE			4S12"GLA	4 SECTION 12"(304.8 mm), RED, YELLOW, GREEN AND GREEN LEFT ARROW. LOUVER ON GREEN BALL ONLY		
DWG	DRAWING			PVC	POLYVINYL CHLORIDE			XX-X-100	CALTRANS TYPE OF SIGNAL STANDARD WITH SIGNAL MAST ARM. SEE CTSP.			4S12"GRA	4 SECTION 12"(304.8 mm), RED, YELLOW, GREEN, AND GREEN RIGHT ARROW		
(E)	EXISTING			R	RED			1S-IN	1 SECTION INCANDESCENT PEDESTRIAN SIGNAL			4S12"GLA	4 SECTION 12"(304.8 mm), RED, YELLOW, GREEN, AND GREEN LEFT ARROW		
EXT	EXTERNAL			R/C	REMOVE FROM SITE OF WORK AS CONTRACTOR'S PROPERTY			1S-LED	1 SECTION LIGHT EMITTING DIODES (LED) PEDESTRIAN SIGNAL			PV4S12"GLA	PROGRAMMED VISIBILITY, 4 SECTION 12"(304.8 mm), RED, YELLOW, GREEN, & GREEN LEFT ARROW		
FA	FIRE ALARM			RH	RED HAND			1S-COUNT	1 SECTION COUNTDOWN TIMER LED PEDESTRIAN SIGNAL			5S12"GYRA	5 SECTION 12"(304.8 mm), RED, YELLOW, GREEN, YELLOW RIGHT ARROW & GREEN RIGHT ARROW		
FC	FULL CIRCLE VISOR			RLC	RED LIGHT CAMERA			1S12"FR	1 SECTION 12"(304.8mm), FLASHING RED			5S12"YGLA	5 SECTION 12"(304.8 mm), RED, YELLOW, GREEN, YELLOW LEFT ARROW & GREEN LEFT ARROW		
F/I	FURNISH AND INSTALL UNDER THIS CONTRACT			(R)	RELOCATED			1S12"FY	1 SECTION 12"(304.8mm), FLASHING YELLOW			PV5S12"YGLA	PROGRAMMED VISIBILITY, 5 SECTION 12"(304.8 mm), RED, YELLOW, GREEN, YELLOW LEFT ARROW, AND GREEN LEFT ARROW		
FRH	FLASHING RED HAND			R/R	REMOVE AND RELOCATE, OR REMOVE AND REINSTALL AS APPLICABLE			2S12"-X	2 SECTION 12"(304.8mm), RED "X" AND GREEN "X" FOR RAILROAD			PV5S12"-GLA,GRA	PROGRAMMED VISIBILITY, 5 SECTION 12"(304.8 mm), RED, YELLOW, GREEN, GREEN LEFT ARROW, AND GREEN RIGHT ARROW		
FUT, (F)	FUTURE			RRFB	RECTANGULAR RAPID FLASHING BEACON			3S8"	3 SECTION 8"(203.2 mm), RED, YELLOW, GREEN						
HDPE	HIGH DENSITY POLYETHELYNE			R/S	REMOVE AND SALVAGE AS CITY'S PROPERTY			3S8"FY	3 SECTION 8"(203.2 mm) RED, YELLOW, FLASHING YELLOW						
HW	HIGH VOLTAGE VAULT			R/W	RIGHT OF WAY										
HPS	HIGH PRESSURE SODIUM			SCGW	STRANDED COPPER GROUND WIRE										
HZ	HERTZ			SL	STREET LIGHT										
G	GREEN			SP	SPARE										
GND	GROUND			SPDPWSF	STANDARD PLAN, DEPARTMENT OF PUBLIC WORKS, CITY AND COUNTY OF SAN FRANCISCO.										
GRSC	GALVANIZED RIGID STEEL CONDUIT			SSDPWSF	STANDARD SPECIFICATION, DEPARTMENT OF PUBLIC WORKS, CITY AND COUNTY OF SAN FRANCISCO.										
IC	INTERSECTION CONTROLLER			SM	SURVEY MONUMENT										
I/P	IN PLACE OF			ST	STEEL POLE										
JB	JUNCTION BOX			SW	SWITCH										
KVA	KILOVOLTAMPERE														

NO.	DATE	DESCRIPTION	BY	APP.
TABLE OF REVISIONS				
THIS DRAWING WAS LAST MODIFIED: 12/07/21 11:42, BY: BIKPAH				


REFERENCE INFORMATION & FILE NO. OF SURVEYS	





BUREAU OF ENGINEERING  
CITY & COUNTY OF SAN FRANCISCO  
SAN FRANCISCO PUBLIC WORKS  
49 SOUTH VAN NESS AVENUE, SUITE 800  
SAN FRANCISCO, CA 94103

Acting Section Mgr:	CHI IAO	Date:	12/2021
Deputy Bureau Mgr:	LESLEY WONG		12/09/2021
Bureau Mgr:	IQBAL DHAPA		12/10/2021



DESIGNED: DATE:	BR 12/2021
DRAWN: DATE:	BR 12/2021
CHECKED: DATE:	DG 12/2021

SCALE:	NONE
SHEET OF SHEETS	181 OF 210

MISSION ST AND GENEVA AVE IMPROVEMENT PROJECT		SOURCING ID 0000005626
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		FILE NO. 120,747
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