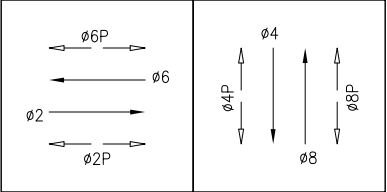


POLE AND EQUIPMENT SCHEDULE												CONTRACT WORK IN BOLD	
POLE No.	TYPE OF POLE	LUMINAIRE VOLTAGE/WATTAGE	VEHICLE SIGNAL						PEDESTRIAN SIGNAL		REMARKS		
			No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE	MOUNTING			
①	1-A (10')		81	3S12"	TV-1-T	T		88	1S-COUNT	SP-1	<div><div>F</div><div>F</div><div>F</div><div>F</div><div>F</div></div> <div>1</div>		
②	1-A (10')		22	3S12"	TV-1-T	T		69	1S-COUNT	SP-1			
③	1-A (10')		21	3S12"	TV-1-T	T		28	1S-COUNT	SP-1			
④	1-A (10')		42	3S12"	TV-1-T	T		89	1S-COUNT	SP-1			
⑤	EX MUNI SL POLE	<div><div>B2108</div><div>D</div></div>	41	3S12"	SV-1-T	T		48	1S-COUNT	SP-1			
⑥	EX MUNI POLE		62	3S12"	SV-1-T	T		29	1S-COUNT	SP-1	EXTERNAL CONDUIT <div><div>F</div></div>		
⑦	EX MUNI SL POLE	<div><div>B2108</div><div>D</div></div>	61	3S12"	SV-1-T	T		68	1S-COUNT	SP-1	<div><div>F</div></div>		
⑧	1-A (10')		82	3S12"	TV-1-T	T		49	1S-COUNT	SP-1	<div><div>F</div></div>		

SHEET NOTES:

- Ⓐ NOT USED.
- Ⓑ EXISTING STOP SIGN AND PAVEMENT MARKING TO BE REMOVED BY CITY FORCES BEFORE SIGNAL ACTIVATION.
- Ⓒ NEW CORNER BULBS TO BE INSTALLED IN THIS CONTRACT.
- Ⓓ REMOVE AND REPLACE EXISTING FIXTURE WITH NEW LED FIXTURE. SEE LIGHTING FIXTURE SCHEDULE ON DRAWING ET-0.4.
- Ⓔ SEE DRAWING E-1.0 FOR ROADWAY LIGHTING CONNECTION DETAILS.
- Ⓕ CONTRACTOR TO PROVIDE APS WIRING. CITY FORCES TO PROVIDE APS PUSH BUTTON PER ADA REQUIREMENTS. 1

PHASE DIAGRAM



NOTE;
THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTTED SUBSEQUENT TO INTERNAL ENGINEERING APPROVAL AND SIGN-OFF. FOR THOSE SIGNATURES, SEE THE DRAWING PLOTTED AND ISSUED PREVIOUSLY DURING BIDDING. THE SIGNED DRAWING REMAINS VALID EXCEPT FOR THE CHANGES ONLY AS CLEARLY MARKED ON THIS DRAWING AND ISSUED UNDER THIS LATEST REVISION NUMBER AS SHOWN IN THE TABLE OF REVISIONS LOCATED AT THE LOWER LEFT CORNER OF THE DRAWING. ALL ISSUED REVISIONS SUBSEQUENT TO PREVIOUSLY PLOTTED DRAWING DURING BIDDING REMAIN VALID UNLESS SUPERSEDED BY LATER ISSUED REVISIONS. CHECK ALL ISSUED REVISIONS OF THIS DRAWING.

5/3/2021 11:08AM flashing red

Attendees:
Celine Leung (SFMTA SSD)
Daniel Brugmann (SFPW CM)
Phong Nguyen & Denny Guevara (Signal Shop)
Angel Martinze (Bay Area Lightworks)

5/5/2021 10:48AM in 3-Color operation

Attendees:
Celine Leung (SFMTA SSD)
Daniel Brugmann (SFPW CM)
Dennis Verhalen & Denny Guevara (Signal Shop)

NO.	DATE	DESCRIPTION	BY	APP.
1	9/18/19	PCO 9: SL AT CENTRAL SE & APS	DC	SL

TABLE OF REVISIONS

REFERENCE INFORMATION
& FILE NO. OF SURVEYS



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

Section Mgr:	PHILIP THWIN	Date:	
Deputy Division Mgr:	IQBALBHAI DHAPA		
Division Mgr:	PATRICK RIVERA		

DESIGNED:	DATE:
JT/NL	07/17
DRAWN:	DATE:
JT/NL	07/17
CHECKED:	DATE:
KK/SL	07/17



SCALE:	
AS SHOWN	
SHEET OF SHEETS	
OF	

UPPER HAIGHT TRANSIT IMPROVEMENT AND
PEDESTRIAN REALM PROJECT

HAIGHT ST AND SHRADER ST
TRAFFIC SIGNAL WORK

CONTRACT NO.	2535J
DRAWING NO.	ET-9.0
FILE NO.	108,922
REV. NO.	1

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					
CONDUIT SIZE (INCH)	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	3	2	2	3	2	2	2					
NOTES		GRS		SP				GRS	1		SP	GRS			SP				SP	SP		GRS	GRS						
VEHICLE SIGNAL 62	3		3				3			3																			
PED SIGNAL 29	2		2				2			2																			
VEHICLE SIGNAL 41		3	3				3			3																			
PED SIGNAL 48		2	2				2		1	2																			
VEHICLE SIGNAL 42					3		3			3																			
PED SIGNAL 89					2		2			2																			
VEHICLE SIGNAL 21						3	3			3																			
PED SIGNAL 28						2	2			2																			
VEHICLE SIGNAL 61											3		3					3											
PED SIGNAL 68											2		2					2											
VEHICLE SIGNAL 82												3	3					3											
PED SIGNAL 49												2	2					2											
VEHICLE SIGNAL 22																3		3											
PED SIGNAL 69																2		2											
VEHICLE SIGNAL 81																	3	3											
PED SIGNAL 88																	2	2											
APS ON POLE 6	2		2				2			2																			1
APS ON POLE 5		2	2				2			2																			
APS ON POLE 4					2			2		2																			
APS ON POLE 3						2		2		2																			
APS ON POLE 7											2		2					2											
APS ON POLE 8												2	2					2											
APS ON POLE 2																2		2											
APS ON POLE 1																	2	2											
#14 NEUTRAL	2	2			2	2					2	2				2	2												
#14 SPARE			3				3			3				3				3											
TOTAL #14 WIRES	9	9	17		9	9	17	14		31		9	9	17		9	9	31											1
#10 WIRES NEUTRAL			1				1	1		2				1				2											
#10 WIRES STREET LIGHT																													
#8 WIRES STREET LIGHT																													
#8 WIRES (120 V SERVICE)																				3	3								

NOTE:
THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTTED
SUBSEQUENT TO INTERNAL ENGINEERING APPROVAL AND
SIGN-OFF. FOR THOSE SIGNATURES, SEE THE DRAWING
PLOTTED AND ISSUED PREVIOUSLY DURING BIDDING. THE
SIGNED DRAWING REMAINS VALID EXCEPT FOR THE CHANGES
ONLY AS CLEARLY MARKED ON THIS DRAWING AND ISSUED
UNDER THIS LATEST REVISION NUMBER AS SHOWN IN THE
TABLE OF REVISIONS LOCATED AT THE LOWER LEFT CORNER
OF THE DRAWING. ALL ISSUED REVISIONS SUBSEQUENT TO
PREVIOUSLY PLOTTED DRAWING DURING BIDDING REMAIN
VALID UNLESS SUPERSEDED BY LATER ISSUED REVISIONS.
CHECK ALL ISSUED REVISIONS OF THIS DRAWING.