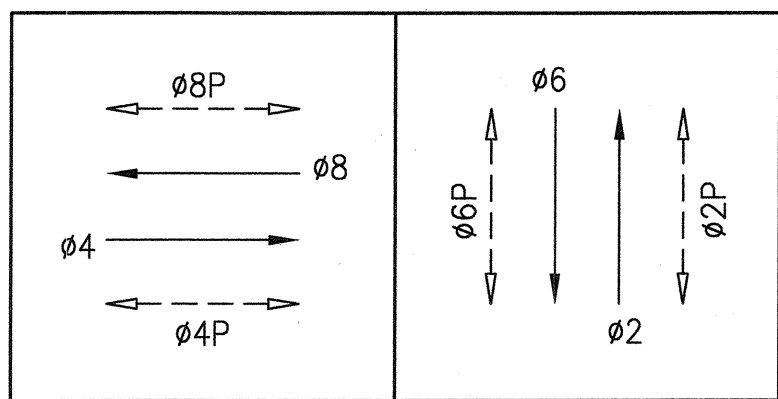

















PHASE DIAGRAM



PHASE SEQUENCE

G	Y	R	TOWNSEND ST. (EB & WB) - ø2 & ø6		
R	G	Y R	2ND ST. (SB & NB) - ø4 & ø8		
WM	FRH	RH	PED XING 2ND ST. (SS & NS) - ø2P & ø6P		
RH	WM	FRH RH	PED XING TOWNSEND ST. (WS & ES) - ø4P & ø8P		

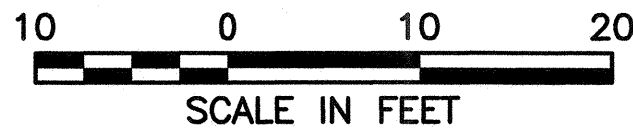
POLE AND EQUIPMENT SCHEDULE											
POLE No.	TYPE OF POLE	LUMINAIRE VOLTAGE/WATTAGE	VEHICLE SIGNAL					PEDESTRIAN SIGNAL			REMARKS
			No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE 	MOUNTING	
①	17-2-100 W/20' MAST ARM & 6' LUMINAIRE ARM		81 84	3S12" 3S12"	SV-1-T MAS	T T		88	1S-COUNT	SP-1	BACKPLATE
②	1-A(10')		22 	3S12"	TV-1-T	T		69	1S-COUNT	SP-1	
③	CITY STANDARD STREET LIGHT W/ NEW LUMINAIRE FIXTURE		21 	3S12"	SV-1-T	T		28 	1S-COUNT	SP-1	
④	1-A(10')		42 	3S12"	TV-1-T	T		89	1S-COUNT	SP-1	
⑤	17-1-70 W/15' MAST ARM & 6' NEW LUMINAIRE FIXTURE		41  44	3S12" 3S12"	SV-1-T MAS	T T		48 	1S-COUNT	SP-1	 BACKPLATE
⑥	1-A(10')		62 	3S12"	TV-1-T	T		29 	1S-COUNT	SP-1	
⑦	17-1-70 W/20' MAST ARM & 6' NEW LUMINAIRE FIXTURE		61  64	3S12" 3S12"	SV-1-T MAS	T T		68	1S-COUNT		BACKPLATE
⑧	1-A (10')		82	3S12"	TV-1-T	T		49	1S-COUNT	SP-1	

GENERAL NOTES:

1. CONTRACTOR SHALL CONTACT SFMTA SIGNAL SHOP TO UNINSTALL AND REINSTALL TRANSIT SIGNAL PRIORITY EQUIPMENT.

SHEET NOTES:

- ① ABANDON EXISTING CONDUIT AND WIRING. CUT EXISTING CONDUIT AND WIRING TO PULLBOX WALL. CAP ENDS. PRIOR TO ABANDONING OF EXISTING CABLES IN EXISTING CONDUIT, CONTRACTOR TO FIELD VERIFY AND MAINTAIN SERVICES TO STREETLIGHTS AND TRAFFIC CONTROLLER.
- ② CONTRACTOR SHALL FURNISH ONE SECTION PEDESTRIAN SIGNAL HOUSING AND INSTALL CITY FURNISHED ONE SECTION LED PEDESTRIAN MODULE.
- ③ CONTRACTOR TO PULL THE (E) THREE (3) WIRES (INCLUDING NEUTRAL FEEDING THE EXISTING PED SIGNAL TO BE REMOVED FROM POLE 6) BACK TO PULL BOX.
- ④ SPLICE NEW #14 NEUTRALS TO EXISTING #10 NEUTRAL.
- ⑤ F/I TWO SETS OF 40A INLINE FUSE. ONE FOR TRAFFIC SIGNAL DISCONNECT AND ONE FOR STREET LIGHTING DISCONNECT.
- ⑥ REFER TO E SERIES DWG AND FIXTURE SCHEDULE E-0.2 FOR LUMINAIRE TYPE, VOLTAGE AND WATTAGE.
- ⑦ REUSE EXISTING WIRES FOR NEW TRAFFIC SIGNAL DEVICE.



NO.	DATE	DESCRIPTION	BY	APP.
TABLE OF REVISIONS				

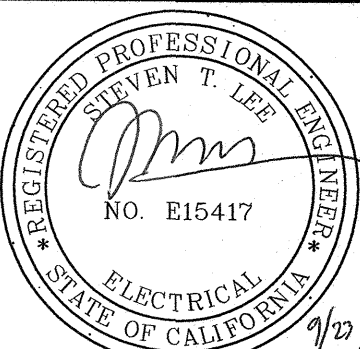
REFERENCE INFORMATION
& FILE NO. OF SURVEYS



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

Section Mgr: Philip Thwin
Deputy Division Mgr: Iqbal Dhapa
Division Mgr: Patrick Rivera
Date: 9/23/16
SEP 27 2016
9/24/16

DESIGNED: SS/ZH
DATE: 09/16
DRAWN: SS/ZH
DATE: 09/16
CHECKED: GD/SL
DATE: 9/16



SCALE:
AS SHOWN
SHEET OF SHEETS
OF

2ND STREET STREETSCAPE
IMPROVEMENTS PROJECT
2ND STREET AND TOWNSEND STREET
TRAFFIC SIGNAL WORK

CONTRACT NO. 1064J (R)
DRAWING NO. ET-9.0
FILE NO. 106,281
REV. NO.