

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	19-4-100 W/25' MAST ARM & 6' LUMINAIRE ARM	6	161 124 84	3S12" BIKE 3S12" RA 3S12" NRT	SV-1-T MAS MAS MAS	T T T		168 3	1S-COUNT	SP-1	BACKPLATE BACKPLATE APS ⑤ ①
②	CITY STANDARD STREET LIGHT W/ NEW LUMINAIRE FIXTURE	6	22	3S12"	SV-1-T	T		69	1S-COUNT	SP-1	APS ①
③	1-A (13')		145 82 105	3S8" BIKE 3S12" RA	SV-1 TV-2-T	T T T		149 3	1S-COUNT	SP-1	APS ① MOUNT 145 AT 8'
④	17B-1-70 W/20' MAST ARM & NEW 6' LUMINAIRE ARM	6	24 21	3S12" 3S12"	MAS SV-1-T	T T		28	1S-COUNT	SP-1	BACKPLATE APS ①
⑤	1-A (13')		165 42 125	3S8" BIKE 3S12" RA	SV-1 TV-2-T	T T T		169 3	1S-COUNT	SP-1	APS ① MOUNT 165 AT 8'
⑥	19-4-100 W/25' MAST ARM & 6' LUMINAIRE ARM	6	104 44 141	3S12" RA 3S12" NRT 3S12" BIKE	MAS MAS MAS SV-1-T	T T T		148 3	1S-COUNT	SP-1	BACKPLATE BACKPLATE APS ①
⑦	1-A (10')		62	3S12"	TV-1-T	T		29 3	1S-COUNT	SP-1	APS ①
⑧	17B-1-70 W/20' MAST ARM & 6' LUMINAIRE ARM	6	61 64	3S12" 3S12"	SV-1-T MAS	T T		68	1S-COUNT	SP-1	APS ① BACKPLATE

GENERAL NOTES:

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

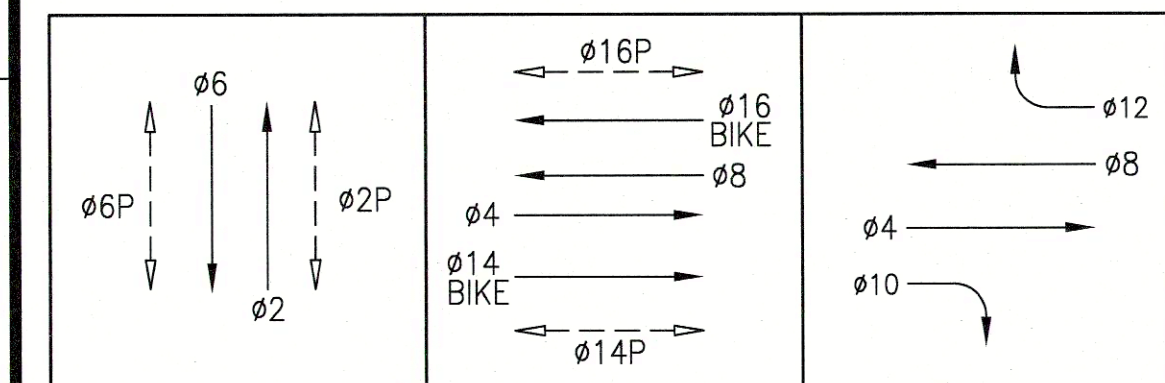
SHEET NOTES:

- ① F/I APS BUTTON PROVIDED BY CITY FORCES.
- ② ABANDON EXISTING CONDUIT AND WIRING. CUT EXISTING CONDUIT AND WIRING TO PULL BOX WALL AND CAP ENDS. PRIOR TO ABANDONING OF EXISTING CABLES IN EXISTING CONDUIT, CONTRACTOR TO FIELD VERIFY AND MAINTAIN SERVICES TO STREET LIGHTS AND TRAFFIC CONTROLLER.
- ③ CONTRACTOR SHALL FURNISH ONE SECTION PEDESTRIAN SIGNAL HOUSING AND INSTALL CITY FURNISHED ONE SECTION LED PEDESTRIAN MODULE.
- ④ BRING (N) CONDUITS INTO (E) PULLBOX. CONTRACTOR SHALL BE CAREFUL TO AVOID DAMAGE TO (E) PULLBOX. INSTALL GROUND ROD.
- ⑤ EXTEND EXISTING CONDUIT TO NEW PULL BOX. REUSE, RE-PULL EXISTING WIRES AND PROVIDE 3 FT SLACK INSIDE THE PULL BOX IF FEASIBLE. ELSE, PROVIDE NEW SIGNAL WIRES FOR TRAFFIC SIGNAL DEVICES AND SPLICE INSIDE PULL BOX.
- ⑥ REFER TO E SERIES DWG AND FIXTURE SCHEDULE E-0.2 FOR LUMINAIRE TYPE, VOLTAGE AND WATTAGE.
- ⑦ CONTRACTOR HAS THE OPTION OF REUSING EXISTING FOUNDATION FOR SIGNAL AND LIGHT POLE AND PROVIDE TEMPORARY SIGNAL AND LIGHTING OR PROVIDE NEW SIGNAL AND LIGHTING POLE AND FOUNDATION TO MEET PHYSICAL EQUIPMENT CLEARANCE.

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.

ET-32 19-4-100 = 1 EA

PHASE DIAGRAM

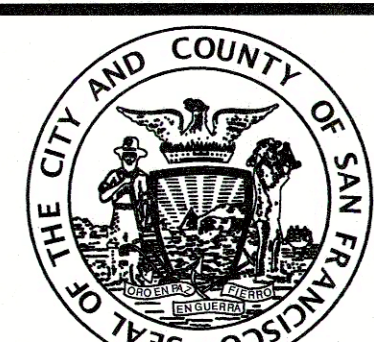


PHASE SEQUENCE

G	Y	R				HARRISON ST. (EB & WB) - ø2 & ø6
R		G	Y	R		2ND ST. (SB & NB) - ø4 & ø8
						2ND ST. (SBRT & NBRT) - ø10 & ø12
R	G	Y	R			HARRISON ST. (SB BIKE & NB BIKE) - ø14 & ø16
WM	FRH			RH		PED XING 2ND ST. (SS & NS) - ø2P & ø6P
RH		WM	FRH		RH	PED XING HARRISON ST. (WS & ES) - ø14P & ø16P

NO.	DATE	DESCRIPTION	BY	APP.
1	5/7/19	PCO #34 - Cabinet Relocation	ST	SL
TABLE OF REVISIONS				

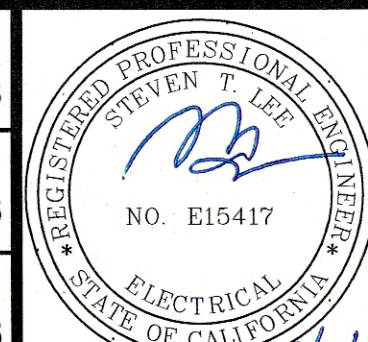
REFERENCE INFORMATION  
& FILE NO. OF SURVEYS



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

Section Mgr:	Philip Thwin	Date:	
Deputy Bureau Mgr:	Iqbal Dhapa		
Bureau Mgr:	Patrick Rivera		

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



SCALE:	AS SHOWN
SHEET OF SHEETS	OF

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

CONTRACT NO. 1064J
DRAWING NO. ET-4.0
FILE NO. 106,272
REV. NO. 1