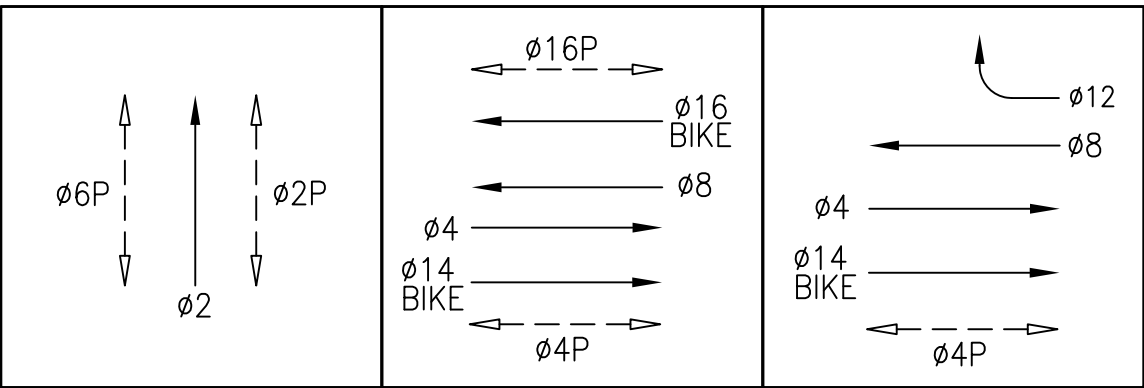


ET-2 (3S12" RA) = 1 EA  
ET-3 (NRT) = 1 EA  
ET-4 (3S8" Bike) = 1 EA  
ET-5 (3S12" Bike) = 2 EA  
ET-7 (SV-1) = 1 EA  
  
G-9 Demob = 10%

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 ALL ISSUED REVISIONS SUBSEQUENT TO PREVIOUSLY PLOTTED DRAWING DURING BIDDING REMAIN VALID UNLESS SUPERSEDED BY LATER ISSUED REVISIONS.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.

### PHASE DIAGRAM



### PHASE SEQUENCE

G	Y	R			BRYANT ST. (EB) – Ø2
R		G		Y R	2ND ST. (SB & NB) – Ø4 & Ø8
R		G		Y R	2ND ST. (SB BIKE) – Ø14
R		G		Y R	2ND ST. (NBRT) – Ø12
R		G		Y R	2ND ST. (NB BIKE) – Ø16
WM	FRH	RH			PED XING 2ND ST. (SS & NS) – Ø2P & Ø6P
RH		WM	FRH	RH	PED XING BRYANT ST. (WS & ES) – Ø4P & Ø16P

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	⑦	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 ① ⑩
②	17B-1-70 W/8' MAST ARM & 6' NEW LUMINAIRE FIXTURE	⑦	22 24	3S12" 3S12"	SV-1-T MAS	T T		69	1S-COUNT	SP-1	APS BACKPLATE ① ③
③	16-1-70 W/8' MAST ARM		21 27	3S12" 3S12"	SV-1-T MAS	T T		28 ③	1S-COUNT	SP-1	APS BACKPLATE ①
④	STEEL STREET LIGHT 28.5' W/ 6' LUMINAIRE ARM		165 125 42	3S8"BIKE 3S12"RA 3S12"	SV-1 SV-2-TA	T T T		169 ③	1S-COUNT	SP-1	① MOUNT 165 AT 8' ③
⑤	17-2-100 W/20' MAST ARM & 6' LUMINAIRE ARM	⑦	141 44	3S12" BIKE 3S12"	SV-1-T MAS	T T		48 ③	1S-COUNT	SP-1	APS BACKPLATE ①
⑥	1-A (7')							29	1S-COUNT	TP-1	APS ① ⑩ ③
⑦	CITY STANDARD STREET LIGHT W/ NEW LUMINAIRE FIXTURE	⑦						68	1S-COUNT	SP-1	APS ① ③
⑧	1-A (13')		82 145	3S12" 3S8" BIKE	TV-1-T SV-1	T T		49	1S-COUNT	SP-1	APS ① ⑩ MOUNT 145 AT 8' ③
⑨	PPB POLE										APS ① ③

### 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 R/C EXISTING INTERSECTION CONTROLLER CABINET AND EXISTING CONTROLLER FOUNDATION 3' BELOW GRADE. RESTORE SIDEWALK TO MATCH EXISTING CONDITIONS. CONTRACTOR TO CONTACT PG&E VIA SFPUC TO DE-ENERGIZE THE (E) PG&E SERVICE PRIOR TO DEMOLISHING (E) TS CONTROLLER.
- ⑤ SPLICE NEW 12C TO EXISTING 12C TO MAINTAIN INTERCONNECT SYSTEM AND EXTEND TO NEW CONTROLLER AND SOUTH PARK INTERSECTION.
- ⑥ INTERSECTION SIGNAL CONTROLLER CABINET FURNISHED BY CITY.
- ⑦ REFER TO E SERIES DWG AND FIXTURE SCHEDULE E-0.2 FOR LUMINAIRE TYPE, VOLTAGE AND WATTAGE.
- ⑧ F/I TWO SETS OF 40A INLINE FUSE. ONE FOR TRAFFIC SIGNAL DISCONNECT AND ONE FOR STREET LIGHTING DISCONNECT.
- ⑨ TO PG&E SERVICE BOX. CONTRACTOR TO COORDINATE WITH PG&E VIA SFPUC PRIOR TO INSTALLATION.
- ⑩ POLE IN PLACE OF POLE. PROVIDE TEMPORARY LIGHTING AND SIGNAL AS REQUIRED.
- ⑪ TRIM TREE TO MAINTAIN VISIBILITY FOR STREET LIGHT POLE. COORDINATE WITH BUF AT (415) 554-6700.

③	4/9/2020	PCO#67 2ND AND BRYANT	GL	SL
②	1/23/2020	PED LIGHT REVISIONS	GL	SL
①	2/5/19	PCO #28 FURNISHING ZONE CHANGES	ST	SL
NO.	DATE	DESCRIPTION	BY	APP.
TABLE OF REVISIONS				

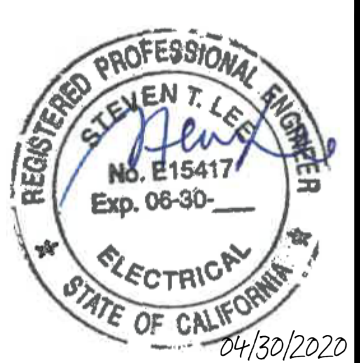
REFERENCE INFORMATION & FILE NO. OF SURVEYS
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DESIGN & ENGINEERING  
PUBLIC WORKS  
CITY & COUNTY OF SAN FRANCISCO  
30 VAN NESS AVENUE, 5TH FLOOR  
SAN FRANCISCO, CA 94102 - 6028

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 BRYANT STREET TRAFFIC SIGNAL WORK

CONTRACT NO.	1064J
DRAWING NO.	ET-6.0
FILE NO.	106,275
REV. NO.	3