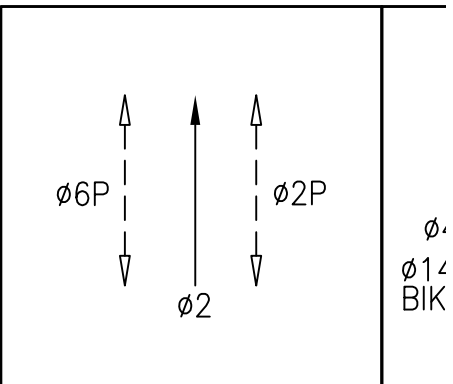


NOTE:
THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTTED
SUBSEQUENT TO INTERNAL ENGINEERING APPROVAL AND
SIGN-OFF. FOR THOSE SIGNATURES, SEE THE DRAWING
PLOTTED AND ISSUED PREVIOUSLY DURING BIDDING. THE
SIGNED DRAWING REMAINS VALID EXCEPT FOR THE CHANGES
ONLY AS CLEARLY MARKED ON THIS DRAWING AND ISSUED
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VALID UNLESS SUPERSEDED BY LATER ISSUED REVISIONS.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



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
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
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
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	MOUNT 165 AT 8'
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
⑥	1-A (7')							29	1S-COUNT	TP-1	APS
⑦	CITY STANDARD STREET LIGHT W/ NEW LUMINAIRE FIXTURE	⑦						68	1S-COUNT	SP-1	APS
⑧	1-A (13')		82 145	3S12" 3S8" BIKE	TV-1-T SV-1	T T		49	1S-COUNT	SP-1	APS MOUNT 145 AT 8'
⑨	PPB POLE										APS

ET-1 (3S12") = 6 EA
ET-2 (3S12" RA) = 2 EA
ET-3 (NRT) = 1 EA
ET-4 (3S8" Bike) = 2 EA
ET-5 (3S12" Bike) = 2 EA
ET-6 (TV-1-T) = 1 EA
ET-7 (SV-1) = 2 EA
ET-8 (SV-1-T) = 4 EA
ET-11 (SV-2-TA) = 1 EA
ET-14 SIGNAL BACK PLATE = 4 EA
ET-15 (1S-COUNT HOUSING) = 6 EA
ET-16 LABOR COST... = 6 EA
ET-17 (SP-1) = 5 EA
ET-17A (TP-1) = 1 EA
ET-23 PPB POLE = 1 EA
ET-24A TYPE 1-A POLE (7 FEET) = 1 EA
ET-25 TYPE 1-A POLE (13 FEET) = 1 EA
ET-27 CITY STANDARD SL POLE = 1 EA
ET-29 TYPE 17-2-100 POLE CONCRETE FOUNDATION = 1 EA
ET-31 TYPE 19-4-100 POLE BASEMENT FOUNDATION = 1 EA
ET-33 PULL BOX TYPE I = 4 EA
ET-34 PULL BOX TYPE III = 6 EA
ET-35 PULL BOX TYPE IV = 3 EA
ET-39 1-2" PVC CONDUIT = 124 LF
ET-39B 1-1" PVC = 10 LF
ET-40 1-2" GRS CONDUIT = 77 LF
ET-41 1-2" HDPE CONDUIT = 475 LF
ET-42 1-2" PVC CONDUIT & 1-2" GRS CONDUIT = 0 LF
ET-43 1-3" AND 1-2" PVC CONDUIT = 38 EA
ET-44 2-2" PVC CONDUIT & 1-2" GRS CONDUIT = 157 LF
ET-45 3-2" PVC CONDUIT & 1-2" GRS CONDUIT = 93 LF
ET-49 12-C CABLE = 395 LF
ET-50 MISCELLANEOUS ELECTRICAL WORK = 100 %
ET-50A - POLE IN PLACE = 2 EA
ET-50B - POLE IN PLACE = 1 EA
ET-47 Construct MSF Cabinet Footing = 1 EA
ET-48 Install MSF Cabinet = 1 EA

INSTALL TRANSIT SIGNAL PRIORITY EQUIPMENT.

ING TO PULL BOX WALL AND CAP ENDS. PRIOR TO ABANDONING OF EXISTING
N SERVICES TO STREET LIGHTS AND TRAFFIC CONTROLLER.

AND INSTALL CITY FURNISHED ONE SECTION LED PEDESTRIAN MODULE.

LER FOUNDATION 3' BELOW GRADE. RESTORE SIDEWALK TO MATCH EXISTING
THE (E) PG&E SERVICE PRIOR TO DEMOLISHING (E) TS CONTROLLER.

ND EXTEND TO NEW CONTROLLER AND SOUTH PARK INTERSECTION.

TYPE, VOLTAGE AND WATTAGE.

CT AND ONE FOR STREET LIGHTING DISCONNECT.

PUC PRIOR TO INSTALLATION.

REQUIRED.

WITH BUF AT (415) 554-6700.

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

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



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 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