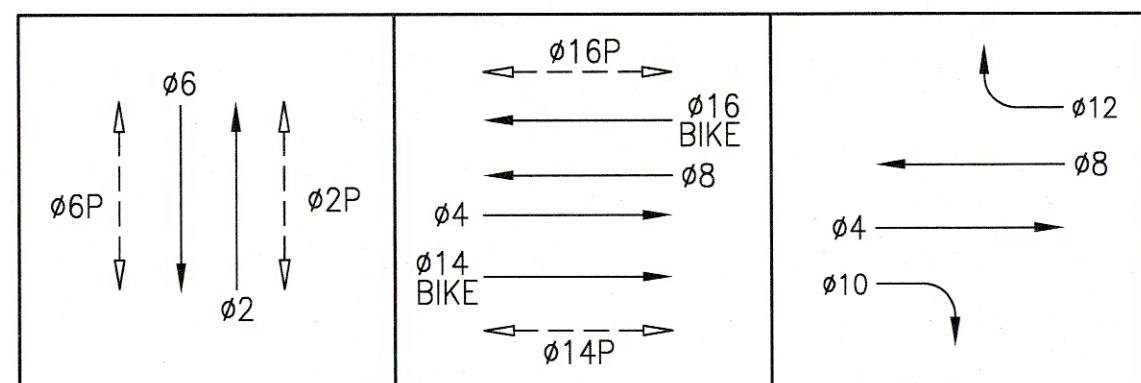


PHASE DIAGRAM



PHASE SEQUENCE

G	Y	R	HARRISON ST. (EB & WB) - Ø2 & Ø6
R		G	2ND ST. (SB & NB) - Ø4 & Ø8
R		G	2ND ST. (SBRT & NBRT) - Ø10 & Ø12
R	G	Y	HARRISON ST. (SB BIKE & NB BIKE) - Ø14 & Ø16
WM	FRH	RH	PED XING 2ND ST. (SS & NS) - Ø2P & Ø6P
RH	WM	FRH	PED XING HARRISON ST. (WS & ES) - Ø14P & 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	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
②	CITY STANDARD STREET LIGHT W/ NEW LUMINAIRE FIXTURE	6	22	3S12"	SV-1-T	T		69	1S-COUNT	SP-1	APS
③	1-A (13')		145 82 105	3S8" BIKE 3S12" 3S12" RA	SV-1 TV-2-T	T T T		149 3	1S-COUNT	SP-1	APS 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
⑥	19-4-100 W/25' MAST ARM & 6' LUMINAIRE ARM	6	104 44 141	3S12" RA 3S12" 3S12" BIKE	MAS MAS MAS SV-1-T	T T T		148 3	1S-COUNT	SP-1	BACKPLATE BACKPLATE APS
⑦	1-A (10')		62	3S12"	TV-1-T	T		29 3	1S-COUNT	SP-1	APS
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 BACKPLATE

- ET-1 (3S12") = 7 EA
ET-2 (3S12" RA) = 3 EA
ET-4 (3S8" Bike) = 1 EA
ET-5 (3S12" Bike) = 2 EA
ET-6 (TV-1-T) = 1 EA
ET-7 (SV-1) = 1 EA
ET-8 (SV-1-T) = 5 EA
ET-9 (TV-2-T) = 1 EA
ET-14 SIGNAL BACK PLATE = 4 EA
ET-15 (1S-COUNT HOUSING) = 4 EA
ET-16 LABOR COST... = 4 EA
ET-17 (SP-1) = 4 EA

ANSIT SIGNAL PRIORITY EQUIPMENT.

LL BOX WALL AND CAP ENDS. PRIOR TO ABANDONING OF EXISTING S TO STREET LIGHTS AND TRAFFIC CONTROLLER.

.L CITY FURNISHED ONE SECTION LED PEDESTRIAN MODULE.

DAMAGE TO (E) PULLBOX.

D PROVIDE 3 FT SLACK INSIDE THE PULL BOX IF FEASIBLE. ELSE, BOX.

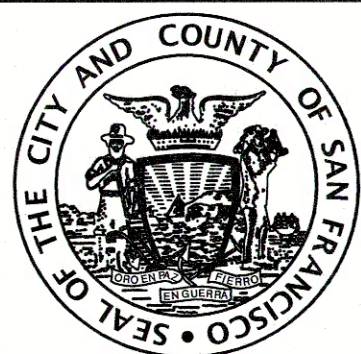
TAGE AND WATTAGE.

LIGHT POLE AND PROVIDE TEMPORARY SIGNAL AND LIGHTING OR IPMENT 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.

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

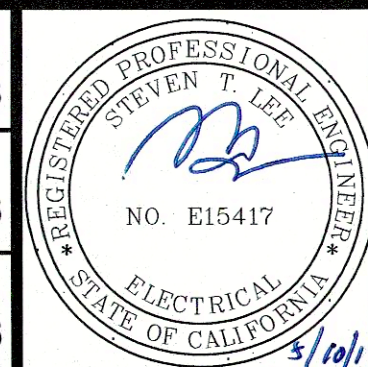
REFERENCE INFORMATION
& FILE NO. OF SURVEYS



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

Section Mgr:	Philip Thwin
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