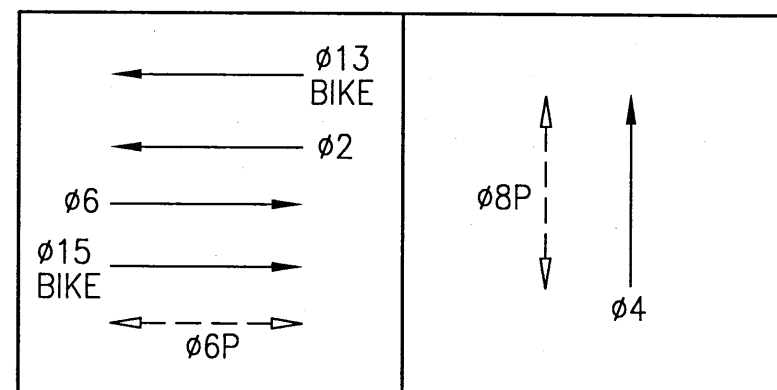


PHASE DIAGRAM



PHASE SEQUENCE

G		Y	R			2ND ST. (NB & SB) – ø2 & ø6	
R			G		Y	R	NATOMA ST. (EB) – ø4
G		Y	R			2ND ST. (NB & SB BIKE) – ø13 & ø15	
WM		FRH	RH			PED XING NATOMA ST. (WS) – ø6P	
RH			WM		FRH	RH	PED XING 2ND ST. (NS) – 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	CITY STANDARD STREET LIGHT W/NEW LUMINAIRE FIXTURE	⑧									
②	17-2-100 w/20' Mast & 6' Arm		131 42 24	3S12" BIKE 3S12" 3S12"	SV-2-TC MAS	T T T		89 ④	1S-COUNT	SP-1	ACTUATED APS BACKPLATE ①
③	1-A (13')		135 41 62	3S8" BIKE 3S12" 3S12"	SV-1 TV-2-T	T T T					MOUNT 135 AT 8' ⑩
④	19-2-100 W/25' MAST ARM & 6' LUMINAIRE ARM	⑧	151 64	3S12" BIKE 3S12" 3S12"	SV-1-T MAS	T T		68 ④	1S-COUNT	SP-1	APS BACKPLATE ① ⑩
⑤	CITY STANDARD STREET LIGHT							69 ④	1S-COUNT	SP-1	EXTERNAL CONDUIT APS ①
⑥	PPB POLE										ACTUATED APS ①
⑦	1-A (13')		22 155	3S12" BIKE 3S8" BIKE	TV-1-T SV-1	T T		88 ④	1S-COUNT	SP-1	MOUNT 155 AT 8' ①

SHEET NOTES:

- F/I APS BUTTON PROVIDED BY CITY FORCES.
- R/S EXISTING SIGN POLE AND RELOCATE SIGN ONTO POLES 1. CONTACT SFMTA SIGN SHOP AT 1508 BANCROFT AVENUE, SAN FRANCISCO; (415) 554-9786 PRIOR TO DELIVERY AND CONTACT TRAFFIC ENGINEER THROUGH THE CITY REPRESENTATIVE FOR SIGN RELOCATION.
- R/C BOLLARD.
- CONTRACTOR SHALL FURNISH ONE SECTION PEDESTRIAN SIGNAL HOUSING AND INSTALL CITY FURNISHED ONE SECTION LED PEDESTRIAN MODULE.
- SPLICE NEW 12C TO EXISTING 12C TO MAINTAIN INTERCONNECT SYSTEM AND EXTEND TO NEW CONTROLLER.
- INTERSECTION SIGNAL CONTROLLER CABINET FURNISHED BY CITY.
- F/I 4 NEW BOLLARDS AROUND POLE 7.
- REFER TO E SERIES DWG AND FIXTURE SCHEDULE E-0.2 FOR LUMINAIRE TYPE, VOLTAGE AND WATTAGE.
- F/I TWO SETS OF 40A INLINE FUSE. ONE FOR TRAFFIC SIGNAL DISCONNECT AND ONE FOR STREET LIGHTING DISCONNECT.
- POLE ON SUBSIDEWALK BASEMENT.

ET-25 TYPE 1-A POLE (13 FEET) = (1)
ET-30 TYPE 19-2-100 = (1)
ET-36 SIDEWALK BASEMENT PULL BOX = (3)
ET-40 1-2" GRS CONDUIT = (3)
S-1 SPECIAL POLE FOUNDATION = (1)
S-5 STEEL BRACKET CONCRETE WALL FOR 1-A POLES = (1)

NO.	DATE	DESCRIPTION	BY	APP.
1	7/26/18	PCO #17 Basement GRS Conduit	ST	SL

TABLE OF REVISIONS

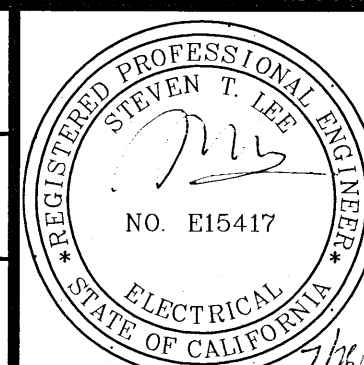
REFERENCE INFORMATION
& FILE NO. OF SURVEYS



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 Division Mgr:	Iqbal Dhapa
Division Mgr:	Patrick Rivera

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



SCALE:
NONE
SHEET OF SHEETS
OF

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

CONTRACT NO.	1064J
DRAWING NO.	ET-2.0
FILE NO.	106,268
REV. NO.	1