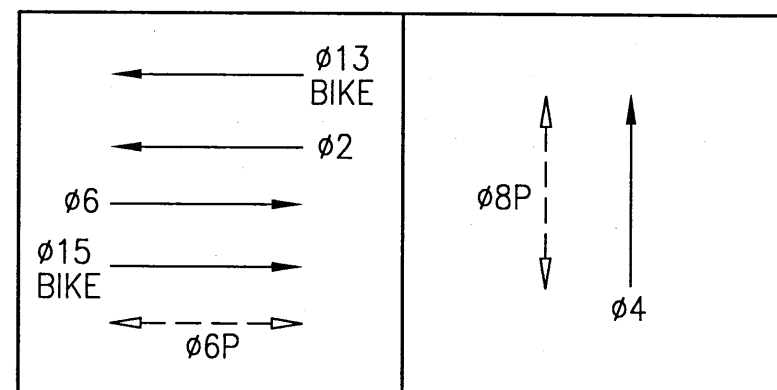


PHASE DIAGRAM



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	16-2-100 W/20' MAST		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"	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" 3S8" BIKE	TV-1-T SV-1	T T		88 ④	1S-COUNT	SP-1	MOUNT 155 AT 8' ①

SHEET NOTES:

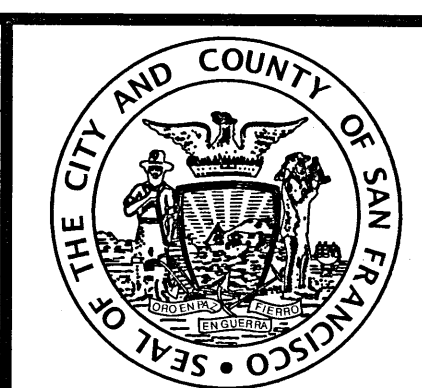
- F/I APS BUTTON PROVIDED BY CITY FORCES.
- R/S EXISTING SIGN POLE AND RELOCATE SIGN ONTO POLES 1. CONTACT SFMTA SIGN SHOP AT 1508 BANCROFT AVENUE, SAN FRANCISCO; (415) 554-9786 PRIOR TO DELIVERY AND CONTACT TRAFFIC ENGINEER THROUGH THE CITY REPRESENTATIVE FOR SIGN RELOCATION.
- R/C BOLLARD.
- CONTRACTOR 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.

NOTE:  
THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTED 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	7/26/18	PCO #17 Basement GRS Conduit	ST	SL

TABLE OF REVISIONS

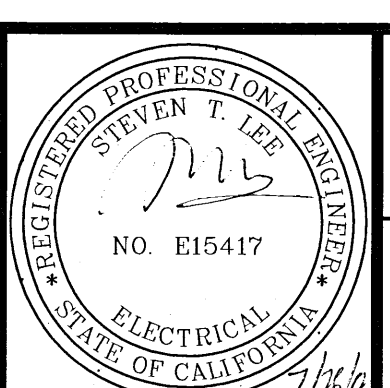
REFERENCE INFORMATION & FILE NO. OF SURVEYS
--



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