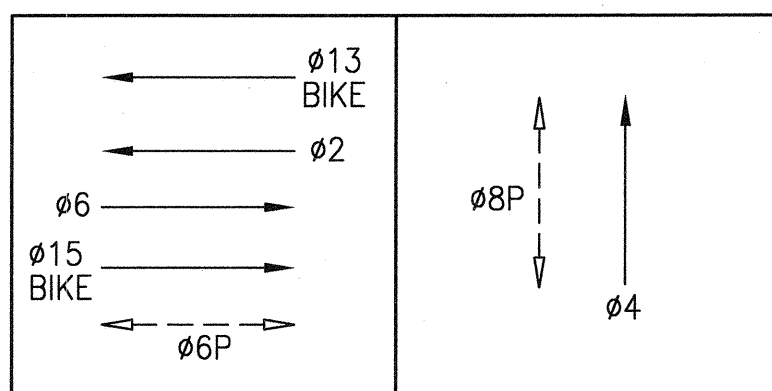


Conduit installed as GRC  
because of basement

#### 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 ① BACKPLATE
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 ① ⑩ BACKPLATE
⑤	CITY STANDARD STREET LIGHT							69 ④	1S-COUNT	SP-1	EXTERNAL CONDUIT APS ①
⑥	PPB POLE										① ACTUATED APS
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'

#### SHEET NOTES:

- ① F/I APS BUTTON PROVIDED BY CITY FORCES.
- ② 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.
- ③ R/C BOLLARD.
- ④ CONTRACTOR SHALL FURNISH ONE SECTION PEDESTRIAN SIGNAL HOUSING AND INSTALL CITY FURNISHED ONE SECTION LED PEDESTRIAN MODULE.
- ⑤ SPLICE NEW 12C TO EXISTING 12C TO MAINTAIN INTERCONNECT SYSTEM AND EXTEND TO NEW CONTROLLER.
- ⑥ INTERSECTION SIGNAL CONTROLLER CABINET FURNISHED BY CITY.
- ⑦ F/I 4 NEW BOLLARDS AROUND POLE 7.
- ⑧ REFER TO E SERIES DWG AND FIXTURE SCHEDULE E-0.2 FOR LUMINAIRE TYPE, VOLTAGE AND WATTAGE.
- ⑨ F/I TWO SETS OF 40A INLINE FUSE. ONE FOR TRAFFIC SIGNAL DISCONNECT AND ONE FOR STREET LIGHTING DISCONNECT.
- ⑩ POLE ON SUBSIDEWALK BASEMENT.

ET-33 PULL BOX TYPE I = 1  
ET-34 PULL BOX TYPE III = 3  
ET-37 PULL BOX TYPE 36X (TRAFFIC RATED) = 1  
ET-40 1-2" GRS CONDUIT = 13'  
ET-44 2-2" PVC CONDUIT & 1-2" GRS CONDUIT = 42'  
ET-47 CONSTRUCT STANDARD "M-SF" = (1)

NO.	DATE	DESCRIPTION	BY	APP.
TABLE OF REVISIONS				

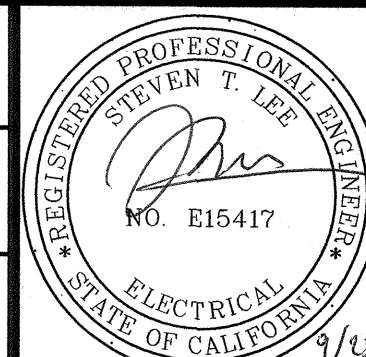
REFERENCE INFORMATION  
& FILE NO. OF SURVEYS



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 Division Mgr: Iqbal Dhapa  
Division Mgr: Patrick Rivera  
Date: 9/23/16  
SEP 27 2016

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



SCALE:  
NONE  
SHEET OF SHEETS  
OF

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

CONTRACT NO.  
1064J (R)  
DRAWING NO.  
ET-2.0  
FILE NO.  
106,268  
REV. NO.