





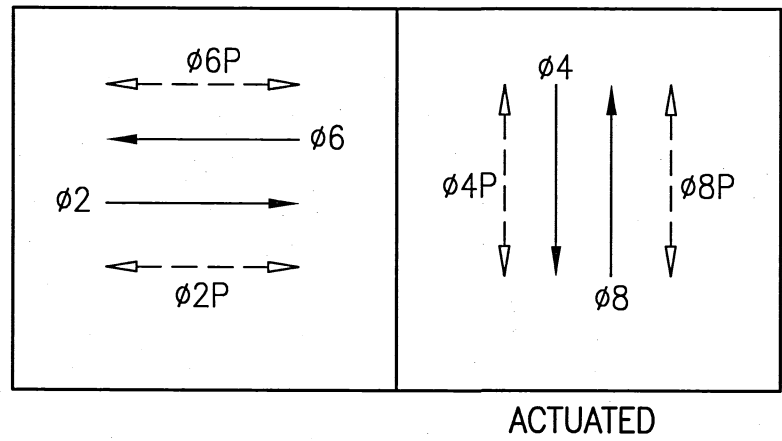


POLE AND EQUIPMENT SCHEDULE											
POLE No.	TYPE OF POLE	LUMINAIRE VOLTAGE/ WATTAGE	VEHICLE SIGNAL				PEDESTRIAN SIGNAL			REMARKS	
			No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE		MOUNTING
①	1-A (10')		22 81	3S12" 3S12"	TV-2-T-SFA	T T		69 88	1S-COUNT 1S-COUNT	SP-1-SF (12") SP-1(22")	APS-2W APS-2W
②	1-A (10')		23	3S12"	TV1-T	T					APS-2W
③	18-2-100 WITH 25' MAST ARM		21 24	3S12" 3S12"	SV-1-T MAS	T T					BACKPLATE
④	CITY STANDARD STREET LIGHT		42 85	3S12" 3S12"	SV-2-TA	T		28 89	1S-COUNT 1S-COUNT	SP-1-SF (12") SP-1(22")	MOUNT SIGNAL 42 & 85 AT 13' APS-2W APS-2W
⑤	PPB (4')										APS-2W
⑥	1-A (13')		41 62	3S12" 3S12"	TV-2-T-SFA	T T		29 48	1S-COUNT 1S-COUNT	SP-1 SP-1	APS-2W
⑦	PPB (4')										APS-2W
⑧	CITY STANDARD STREET LIGHT WITH DUAL LUMINAIRE ARMS		63	3S12"	SV-1	T					
⑨	18-2-100 WITH 25' MAST ARM		61 64	3S12" 3S12"	SV-1-T MAS	T T		68	1S-COUNT	SP-1	BACKPLATE
⑩	PPB (4')										APS-2W
⑪	PPB (4')										APS-2W
⑫	CITY STANDARD STREET LIGHT		45 82	3S12" 3S12"	SV-2-TA	T T		49	1S-COUNT	SP-1	

SHEET NOTES:

- ① CONTRACTOR SHALL PROTECT SURVEY MONUMENT.
- ② EXERCISE CAUTION TO AVOID CONFLICT WITH OVERHEAD UTILITY WIRES AT THIS INTERSECTION.
- ③ CONTROLLER SERVICE POINT IS A PG&E DISTRIBUTION BOX ON THE SOUTH EAST CORNER LOCATED IN FRONT OF 221 FOOTE AVE. CONTRACTOR SHALL COORDINATE WITH PG&E FOR ACTIVATION OF SERVICE CONNECTION.
- ④ CONTRACTOR TO TRIM TREE BRANCHES RESTRICTING VISIBILITY OF TRAFFIC SIGNALS UNDER BUF SUPERVISION.

PHASE DIAGRAM



New Signal Flash: 1-14-20

Flash: 11:22 AM

3-Color: 11:36 AM

Yellow/Red Flash: 4:15 PM

Andrew Robertson, Alan Coughlan (Signal Shop),
Phillip Chan (PW), Jim Lau (BAL), Nikki Kobayashi (MTA)

New Signal Activation: 1-17-20

3-Color: 11:40 AM

Andrew Robertson, Alan Coughlan (Signal Shop) Nikki Kobayashi (MTA)

NO.	DATE	DESCRIPTION	BY	APP.
③	10/2019	PCO 7-Revise Signal Locations	NK	GD
②	06/2019	PCO 5-Revise Pole Locations	NK	GD
①	11/2018	PCO 1-Miscellaneous Pole Layout Changes	NK/ST	GD/SL

TABLE OF REVISIONS

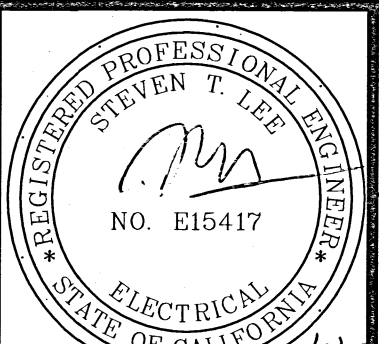
REFERENCE INFORMATION
& FILE NO. OF SURVEYS



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

Section Mgr:	PHILIP THWIN
Deputy Bureau Mgr:	IQBALBHAI DHAPA
Bureau Mgr:	PATRICK RIVERA

Date:	DESIGNED: DATE:
	JD/CMF 3/2018
	DRAWN: DATE:
	JD/CMF 3/2018
	CHECKED: DATE:
	GD/SL 3/2018



SCALE:
AS SHOWN
SHEET OF SHEETS
14 OF 43

CONTRACT NO. 1000009385	
DRAWING NO. E-3.0	
FILE NO. 111,762	
REV. NO. 3	

CONTRACT 64 NEW TRAFFIC SIGNALS	
ALEMANY BOULEVARD & FOOTE AVENUE TRAFFIC SIGNAL WORK POLE AND EQUIPMENT SCHEDULE	

[illegible]

1 F/1 4-2" HDPE SCHEDULE 80 CONDUIT WITH 3/8" PULL TAPE IN EACH CONDUIT. IN ONE OF THE EMPTY CONDUITS, INSTALL TWO #8 AWG STRANDED COPPER LOCATING WIRES (ONE WITH BLACK INSULATION AND THE OTHER WITH WHITE INSULATION). SEE SECTION 26-05-00 IN CONTRACT SPECIFICATIONS.

2

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.

REFERENCE INFORMATION
& FILE NO. OF SURVEYS



SAN FRANCISCO
PUBLIC
WORKS

**BUREAU OF DESIGN &
ENGINEERING**
CITY & COUNTY OF SAN FRANCISCO
SAN FRANCISCO PUBLIC WORKS

30 VAN NESS AVENUE, 5TH FLOOR
SAN FRANCISCO, CA 94102 - 6028

Section Mgr:	PHILIP THWIN
Deputy Bureau Mgr:	IQBALBHAJ DHAPAJ
Bureau Mgr:	PATRICK RIVERA

Date: _____

DESIGNED: DATE:

13 / ONE - 2 / TWO

JD/CMF 3/2018

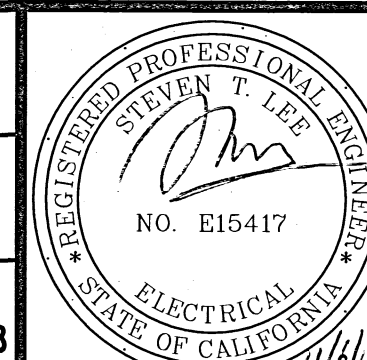
DRAWN: _____ DATE: _____

3/2018

JD/CMF 5/2018

CHECKED: DATE:

GD/SI 3/2018



SCALE:

AS SHOWN

SHEET OF SHEETS

15 OF 43

CONTRACT 64
NEW TRAFFIC SIGNALS

ALEMANY BOULEVARD & FOOTE AVENUE CONDUIT AND WIRING SCHEDULE

CONTRACT NO. _____

CONTRACT NO.
1000009385

DRAWING NO.

DRAWING NO.
F 7.1

E-3.1

FILE NO.

111,763

EV. NO.