

POLE AND EQUIPMENT SCHEDULE											
POLE No.	TYPE OF POLE	LUMINAIRE VOLTAGE/WATTAGE	VEHICLE SIGNAL					PEDESTRIAN SIGNAL			REMARKS
			No.	TYPE	MOUNTING	VISORS	LOUVERS/BP	No.	TYPE	MOUNTING	
①	1-A (10')		22	3S12"	TV-2-T-SFA	T	VERTICAL LOUVERS ON GREEN (22)	69	1S-COUNT	SP-1-SF (12")	APS-2W x 2
			81	3S12"				88	1S-COUNT		
②	OCTAGONAL CONCRETE STREETLIGHT WITH DUAL 6' LUMINAIRE ARMS	A1 72	23	3S12"	SV-1	T	VERTICAL LOUVERS ON GREEN (23)				
			21	3S12"				28	1S-COUNT	SP-1	APS-2W x 2
③	18-2-100 w/ 25' MAST ARM		24	3S12"	MAC	T	VERTICAL LOUVERS ON GREEN (21) HORIZONTAL LOUVERS ON GREEN (24) AND BP				
			42	3S12"				89	1S-COUNT	SP-1	APS-2W
④	1-A (13')		85	3S12"	TV-2-T	T					
			41	3S12"				48	1S-COUNT	SP-1-SF (12")	APS-2W x 2
⑤	1-A (13')		62	3S12"	TV-1-T	T	VERTICAL LOUVERS ON GREEN (62)	29	1S-COUNT	SP-1 (22")	APS-2W x 2
			63	3S12"							
⑥	1-A (10')		61	3S12"	SV-1-T	T	VERTICAL LOUVERS ON GREEN (61)	68	1S-COUNT	SP-1	MOUNT 61 ON CURB/SOUTH SIDE OF POLE APS-2W x 2
			64	3S12"							
⑦	OCTAGONAL CONCRETE STREETLIGHT WITH DUAL 6' LUMINAIRE ARMS	A1 72	45	3S12"	SV-2-TA	T		49	1S-COUNT	SP-1	APS-2W
			82	3S12"							
⑧	1-A (15')			(E) RADAR SPEED SIGN							

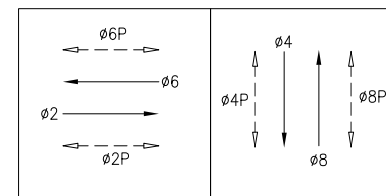
GENERAL NOTES:

- COORDINATE WITH REGULATORY AFFAIRS VIA RESIDENT ENGINEER FOR ARCHAEOLOGICAL MONITORING OF EXCAVATION BELOW 2' IN ACCORDANCE WITH THE PUBLIC WORKS STANDARD ARCHAEOLOGICAL MEASURE II (MONITORING). PROVIDE THIRTY (30) CALENDAR DAYS NOTICE.

SHEET NOTES:

- REMOVE AND RELOCATE (E) RADAR SPEED SIGN ON TO POLE AND TEMPORARILY POWER WITH STREETLIGHT WIRING VIA A SPLICE AT THE BASE OF THE (E) STREETLIGHT POLE UNTIL SIGNAL SWITCHOVER. PIB (E) STREETLIGHT WITH NEW STREETLIGHT PULLBOX AND INSTALL RADAR SPEED SIGN FUSE TYING RADAR SPEED SIGN INTO TRAFFIC SIGNAL CIRCUITRY. ABANDON (E) WIRES AND CONDUIT AND CUT TO ADJACENT PULLBOX WALL 90' TO THE WEST AS SHOWN.
- PG&E SERVICE POINT IS A WOOD POLE LOCATED AT THE SOUTHWEST CORNER. COORDINATE WITH PG&E THROUGH SFPUC FOR SERVICE ACTIVATION. PROVIDE SIXTY (60) DAYS. REFER TO PG&E CONSTRUCTION SKETCH
- POTHOLE BEFORE PLACEMENT OF POLE #8.
- CONTRACTOR TO F/I APS WIRING, CITY FORCES TO F/I APS BUTTONS

PHASE DIAGRAM



SIGNAL FLASH
 Wednesday, 02-21-24, 9:36a
 Corbin Skerrit, John Gallegos, Stack Buss (MTA)
 Deane Gordon (Liffey Electric)

SIGNAL 3-COLOR
 Friday, 02-23-24, 12:30p
 Dussion Yeung, Bryant Woo, John Gallegos,
 Wei Zhang (MTA)
 Amir Norouzi, Grant Ly (PW)
 Deane Gordon (Liffey Electric)

NO.	DATE	DESCRIPTION	BY	APP.
①	08/01/23	CHANGES PER RFI #12, #13, AND FIELD VISIT	CS	

THIS DRAWING WAS LAST MODIFIED: 09/19/23 17:03, BY: CSkerrit

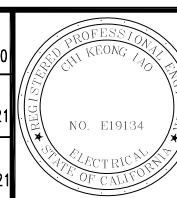
REFERENCE INFORMATION & FILE NO. OF SURVEYS



BUREAU OF ENGINEERING
 CITY & COUNTY OF SAN FRANCISCO
SAN FRANCISCO PUBLIC WORKS
 49 SOUTH VAN NESS AVENUE, SUITE 800
 SAN FRANCISCO, CA 94103

Acting Section Mgr:	CHI IAO
Acting Deputy Bureau Mgr:	LESLEY WONG
Acting Bureau Mgr:	IQBAL DHAPA

DESIGNED:	DATE:
CS/GL	05/2020
DRAWN:	DATE:
CS/GL	03/2021
CHECKED:	DATE:
GD/DG	07/2021

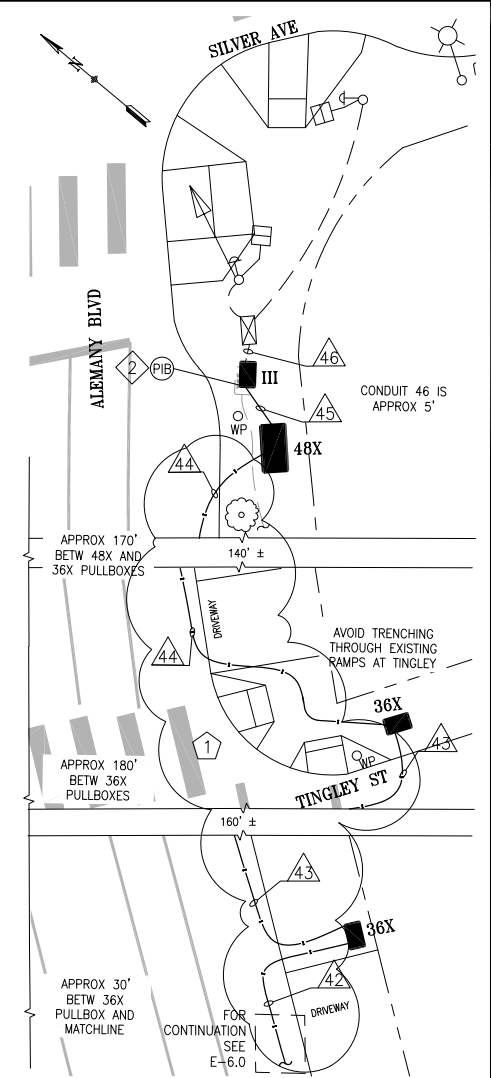


SCALE:
 AS SHOWN
 SHEET OF SHEETS
 19 OF 41

CONTRACT 65
 NEW TRAFFIC SIGNALS
 ALEMANY BOULEVARD AND THERESA STREET
 TRAFFIC SIGNAL PLAN

CONTRACT NO.	0000006423
DRAWING NO.	E-6.0
FILE NO.	120,080
REV. NO.	1

CONDUIT AND WIRING SCHEDULE (FURNISH AND INSTALL CONDUIT AND WIRES)																																																					
CONDUIT RUN NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48					
CONDUIT SIZE (INCH)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3					
NOTES			SP		SP				SP					SP		SP													SP																	SP	1	1	1	(E)	3		
VEHICLE SIGNAL 81	3	3					3				3			3																																							
VEHICLE SIGNAL 22	3	3					3				3			3																																							
PED SIGNAL 69	2	2					2				2			2																																							
PED SIGNAL 88	2	2					2				2			2																																							
APS PPB XING ALEMANY ON POLE 1 (8P)	2	2					2				2			2																																							
APS PPB XING THERESA ON POLE 1 (6P)	2	2					2				2			2																																							
VEHICLE SIGNAL 45				3				3					3		3																																						
VEHICLE SIGNAL 82				3				3					3		3																																						
PED SIGNAL 49				2				2					2		2																																						
APS PPB XING THERESA ON POLE 9 (6P)				2				2					2		2																																						
VEHICLE SIGNAL 61						3		3					3		3																																						
VEHICLE SIGNAL 64						3		3					3		3																																						
PED SIGNAL 68						2		2					2		2																																						
APS PPB XING THERESA ON POLE 8 (6P)						2		2					2		2																																						
APS PPB XING ALEMANY ON POLE 8 (4P)						2		2					2		2																																						
VEHICLE SIGNAL 63										3			3		3																																						
VEHICLE SIGNAL 23																	3		3																																		
VEHICLE SIGNAL 24																																																					
VEHICLE SIGNAL 21																																																					
PED SIGNAL 28																																																					
APS PPB XING ALEMANY ON POLE 3 (8P)																																																					
APS PPB XING THERESA ON POLE 3 (2P)																																																					
VEHICLE SIGNAL 42																																																					
VEHICLE SIGNAL 85																																																					
PED SIGNAL 89																																																					
APS PPB XING THERESA ON POLE 4 (2P)																																																					
VEHICLE SIGNAL 41																																																					
PED SIGNAL 48																																																					
PED SIGNAL 29																																																					
APS PPB XING THERESA ON POLE 5 (2P)																																																					
APS PPB XING ALEMANY ON POLE 5 (4P)																																																					
VEHICLE SIGNAL 62																																																					
APS PPB XING ALEMANY ON POLE 6 (4P)																																																					
APS PPB XING THERESA ON POLE 6 (2P)																																																					
#14 NEUTRAL	3				2		3				1																																										
#14 SPARE		3					3				3																																										
TOTAL #14 WIRES	17	17			12		15		17		22		4		17		25		42				4		6		15		15		12		28																				
#10 WIRES NEUTRAL																																																					
#10 WIRES STREET LIGHT																																																					
#8 WIRES STREET LIGHT																																																					
RADAR SPEED SIGN ON POLE 10 (#8)																																																					
#8 WIRES (120V TS SERVICE)																																																					
#8 WIRES (120V SL SERVICE)																																																					
#8 WIRES (120/240V SERVICE)																																																					
#8 AWG BACKFEEDING WIRES																																																					
#10 AWG LOCATING WIRES																																																					



INTERCONNECT PLAN DETAIL
NOT TO SCALE

- SHEET NOTES:**
- 1) F/1 4-2" HDPE SCHEDULE 80 CONDUIT WITH 3/8" PULL TAPE IN EACH CONDUIT. IN ONE OF THE CONDUITS INSTALL ONE #10 LOCATING WIRE. IN A SECOND CONDUIT INSTALL THREE #8 BACKFEEDING WIRES.
 - 2) SHIFT PULL BOX NORTH TO MEET MINIMUM CONDUIT REQUIREMENTS. ABANDON SOUTHERNMOST CONDUIT.
 - 3) PG&E TO INSTALL 1/0A TPX CABLES PER PG&E SERVICE CONTRACT. REFER TO PG&E CONSTRUCTION SKETCH.



NO.	DATE	DESCRIPTION	BY	APP.
1	08/01/23	CHANGES PER RFI #13.	CS	

THIS DRAWING WAS LAST MODIFIED: 09/19/23 17:03, BY: CSkerrit

REFERENCE INFORMATION & FILE NO. OF SURVEYS



BUREAU OF ENGINEERING
CITY & COUNTY OF SAN FRANCISCO
SAN FRANCISCO