

SWITCHED OVER 6/15/2016 @ 11:02 AM
D. YEUNG (MTA); J. TOM (SFPW)
A. RAYES & D. VERHALEN (Signal Shop)

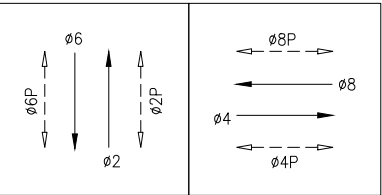
NOTE:
THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTTED
SUBSEQUENT TO INTERNAL ENGINEERING APPROVAL AND
SIGN-OFF. FOR THOSE SIGNATURES, SEE THE DRAWING
PLOTTED AND ISSUED PREVIOUSLY DURING BIDDING. THE
SIGNED DRAWING REMAINS VALID EXCEPT FOR THE CHANGES
ONLY AS CLEARLY MARKED ON THIS DRAWING AND ISSUED
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VALID UNLESS SUPERSEDED BY LATER ISSUED REVISIONS.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.

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	EX MARBELITE STREET LIGHT		61 82	3S12" 3S12"	SV-2-T-SF	T T		68 49	1S-COUNT 1S-COUNT	SP-1(22") SP-1-SF(12")	
②	CITY STANDARD STREET LIGHT		81	3S12"	SV-1-T	T		88	1S-COUNT	SP-1	
③	1-A (10')		22	3S12"	TV-1-T	T		69	1S-COUNT	SP-1	
④	EX MARBELITE STREET LIGHT		21 66	3S12" 3S12"	SV-2-TA	T T		28	1S-COUNT	SP-1	
⑤	1-A (10')		42	3S12"	TV-1-T	T		89	1S-COUNT	SP-1	
⑥	EX MUNI POLE W/6' LUMINAIRE		87	3S12"	SV-1	T					EXTERNAL CONDUIT
⑦	1-A (10')		41 62	3S12" 3S12"	TV-2-T-SFA	T T		29 48	1S-COUNT 1S-COUNT	SP-1-SF(12") SP-1(22")	MOUNT SIGNAL 29 ON EAST SIDE OF POLE

SHEET NOTES

- ① ABANDON EXISTING CONDUIT AND WIRING. CUT EXISTING CONDUIT AND WIRING TO PULLBOX WALL AND CAP ENDS. PRIOR TO ABANDONING OF EXISTING CABLES IN EXISTING CONDUIT, CONTRACTOR TO FIELD VERIFY AND MAINTAIN SERVICES TO STREETLIGHTS AND TRAFFIC CONTROLLER.
- ② CONTRACTOR TO INSTALL CITY FURNISHED ONE SECTION LED PEDESTRIAN COUNTDOWN SIGNAL MODULE IN CONTRACTOR FURNISHED ONE SECTION PEDESTRIAN SIGNAL HOUSING.
- ③ BRING NEW CONDUITS INTO EXISTING PULL BOX. CONTRACTOR SHALL BE CAREFUL TO AVOID DAMAGE TO EXISTING PULL BOX.
- ④ FOR TREE PRUNING AT THE NW CORNER, CONTACT DEPARTMENT OF PUBLIC WORKS BUREAU OF URBAN FORESTRY AT (415) 554-6700.
- ⑤ SPLICE NEW STREETLIGHT WIRING TO EXISTING STREETLIGHT WIRING TO MAINTAIN STREETLIGHT CIRCUIT.
- ⑥ CONTRACTOR TO REPLACE EXISTING PULL BOX LID WITH NEW "STREET LIGHT" LID.
- ⑦ REMOVE EXISTING CABLES EXCEPT SERVICES TO STREETLIGHTS AND INTERCONNECT CABLES WHERE APPLICABLE. PRIOR TO REMOVAL OF EXISTING CABLES IN EXISTING CONDUIT, CONTRACTOR TO FIELD VERIFY AND MAINTAIN EXISTING SERVICES TO STREETLIGHTS AND INTERCONNECT.
- ⑧ CONTROLLER SERVICE POINT IS A PG&E SECONDARY BOX LOCATED 65' EAST OF THE NORTHEAST CORNER OF THE FRANKLIN AND CHESTNUT STREETS PROPERTY LINE. CONTRACTOR TO COORDINATE WITH PG&E THROUGH SFPUC FOR ACTIVATION OF SERVICE POINT.
- ⑨ CONTRACTOR SHALL PROVIDE 40A INLINE FUSE AND FUSE HOLDER TRAFFIC SIGNAL SERVICE DISCONNECT IN FIRST PULL BOX NEXT TO THE NEW PG&E SERVICE POINT.
- ⑩ CONTRACTOR SHALL COORDINATE WITH PG&E THROUGH SFPUC FOR DEACTIVATION OF SERVICE CONNECTION WORK TO BE COMPLETED AFTER ACTIVATION OF NEW SERVICE POINT. TEN WORKING DAY'S NOTICE IS REQUIRED.

PHASE DIAGRAM



PHASE SEQUENCE

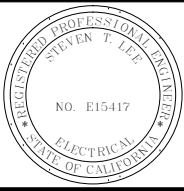
G	Y	R	FRANKLIN ST. (NB & SB) - Ø2 & Ø6
R	G	Y R	CHESTNUT ST. (EB & WB) - Ø4 & Ø8
W	FRH	RH	PEDS XING CHESTNUT ST. (ES & WS) - Ø2P & Ø6P
RH	W	FRH RH	PEDS XING FRANKLIN ST. (SS & NS) - Ø4P & Ø8P

NO.	DATE	DESCRIPTION	BY	APP.
1	11/2015	REVISED MOUNTING FOR SIGNAL 87 TO SV-1	JH	MV
TABLE OF REVISIONS				

REFERENCE INFORMATION
& FILE NO. OF SURVEYS



INFRASTRUCTURE DIVISION
SAN FRANCISCO PUBLIC WORKS
CITY AND COUNTY OF SAN FRANCISCO



DESIGNED:	DATE:
JH/WC	3/05/2015
DRAWN:	DATE:
SS/WC	3/05/2015
CHECKED:	DATE:
STL/NW	3/05/2015

APPROVED	
SECTION MANAGER	DATE:
DEPUTY DIVISION MANAGER	DATE:
DIVISION MANAGER	DATE:

SCALE:
AS SHOWN
SHEET OF SHEETS
62 OF 73

FRANKLIN AND DIVISADERO STREET TRAFFIC SIGNAL UPGRADE
FRANKLIN STREET AND CHESTNUT STREET TRAFFIC SIGNAL WORK

CONTRACT NO.	2596J
DRAWING NO.	E-28.0
FILE NO.	100,851
REV. NO.	1

[illegible]

NO.	DATE	DESCRIPTION	BY	APP.

TABLE OF REVISIONS

REGISTERED PROFESSIONAL ENGINEER
STEVEN T. LEE
NO. EI5417
2/30/15
ELECTRICAL
STATE OF CALIFORNIA

APPROVED

M. M. M. M. M. 3/10/15
SECTION MANAGER DATE:

M. M. M. M. M. 3/20/15
DEPUTY DIVISION MANAGER DATE:

P. M. M. M. M. 3/23/15
DIVISION MANAGER DATE:

FRANKLIN AND DIVISADERO STREET TRAFFIC SIGNAL UPGRADE
FRANKLIN STREET AND CHESTNUT STREET CONDUIT & WIRING SCHEDULE

CONTRACT NO.	2596J
DRAWING NO.	E-28.1
FILE NO.	100,852
REV. NO.	

