

ET-1 = 3S12" (x2)
 ET-8 = SV-1-T (x1)
 ET-15 = 1SCOUNT (x1)
 ET-16 = Labor (x1)
 ET-17 = SP-1 (x1)
 ET-29 17-2-100 = 1 EA
 ET-40 (1-2" GRC) = 20ft
 ET-34 (Type III) = 1 EA
 ET-14 = Backplate 1 EA
 ET-29 = 17-2-100 1 EA

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	17-3-100 W/20" MAST ARM & 8" LUMINAIRE ARM	⑥	81 84	3S12" 3S12"	SV-1-T MAS	Y T			88	1S-COUNT	SP-1	BACKPLATE
②	1-A(10')		22	3S12"	TV-1-T	T			68	1S-COUNT	SP-1	
③	CITY STANDARD STREET LIGHT W/ NEW LUMINAIRE FIXTURE	⑥	29	3S12"	SV-1-T	T			28	1S-COUNT	SP-1	
④	1-A(10')		42	3S12"	TV-1-T	T			88	1S-COUNT	SP-1	
⑤	17-1-70 W/15' MAST ARM & 6" NEW LUMINAIRE FIXTURE	⑥	41 44	3S12" 3S12"	SV-1-T MAS	T T			48	1S-COUNT	SP-1	BACKPLATE
⑥	1-A(10')		82	3S12"	TV-1-T	T			28	1S-COUNT	SP-1	
⑦	17-1-70 W/20' MAST ARM & 6" NEW LUMINAIRE FIXTURE	⑥	61 64	3S12" 3S12"	SV-1-T MAS	T T			68	1S-COUNT		BACKPLATE
⑧	1-A(10')		82	3S12"	TV-1-T	T			48	1S-COUNT	SP-1	

GENERAL NOTES:

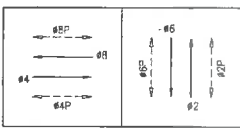
1. CONTRACTOR SHALL CONTACT SPMTA SIGNAL SHOP TO UNINSTALL AND REINSTALL TRANSIT SIGNAL PRIORITY EQUIPMENT.

SHEET NOTES:

- ① ABANDON EXISTING CONDUIT AND WIRING. CUT EXISTING CONDUIT AND WIRING TO PULLBOX WALL. 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 SHALL FURNISH ONE SECTION PEDESTRIAN SIGNAL HOUSING AND INSTALL CITY FURNISHED ONE SECTION LED PEDESTRIAN MODULE.
- ③ CONTRACTOR TO PULL THE (E) THREE (3) WIRES (INCLUDING NEUTRAL FEEDING THE EXISTING PED SIGNAL TO BE REMOVED FROM POLE 6) BACK TO PULL BOX.
- ④ SPICE NEW #14 NEUTRALS TO EXISTING #10 NEUTRAL.
- ⑤ F/1 THREE SETS OF 40A INLINE FUSE, ONE FOR TRAFFIC SIGNAL DISCONNECT AND TWO FOR STREET LIGHTING DISCONNECT. ONE OF THE STREET LIGHT DISCONNECT SHALL BE FOR THE NORTH LIGHTS ON 2ND ST BETWEEN TOWNSEND AND BRANNAN. THE OTHER STREET LIGHT DISCONNECT SHALL BE FOR THE SOUTH LIGHTS ON 2ND ST BETWEEN TOWNSEND AND BRANNAN. PROVIDE PROPER LABELING TO DISTINGUISH THE FUSE BETWEEN THE NORTH AND SOUTH LIGHTS.
- ⑥ REFER TO E SERIES DWG AND FIXTURE SCHEDULE E-0.2 FOR LUMINAIRE TYPE, VOLTAGE AND WATTAGE.
- ⑦ REUSE EXISTING WIRES FOR NEW TRAFFIC SIGNAL DEVICE.

PHASE DIAGRAM

PHASE SEQUENCE



G		Y	R		TOWNSEND ST. (EB & WB) - #2 & #6		
R			G		Y R	2ND ST. (SB & NB) - #4 & #8	
WM		FRH		RH		PED XING 2ND ST. (SS & NS) - #2P & #6P	
RH			WM		FRH	RH	PED XING TOWNSEND ST. (WS & ES) - #4P & #8P

NOTE:
 THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTTED SUBSEQUENT TO INTERNA 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.

17/1/18 PCD 33M Streetlight Service NO. DATE DESCRIPTION BY APP.		REFERENCE INFORMATION & FILE NO. OF SURVEYS				DESIGN & ENGINEERING PUBLIC WORKS CITY & COUNTY OF SAN FRANCISCO 30 VAN NESS AVENUE, 5TH FLOOR SAN FRANCISCO, CA 94132-0228	Section Mgr: Philip Trivette Deputy Bureau Mgr: Jigal Chitko Bureau Mgr: Patrick Rivera	DESIGNED: DATE: 09/16 DRAWN: DATE: 09/16 CHECKED: DATE: 09/16 00/SL		SCALE: AS SHOWN SHEET OF SHEETS: OF	2ND STREET STREETSCAPE IMPROVEMENTS PROJECT 2ND STREET AND TOWNSEND STREET TRAFFIC SIGNAL WORK	CONTRACT NO. 1064J DRAWING NO. ET-9.0 FILE NO. 106281 REV. NO. 1
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