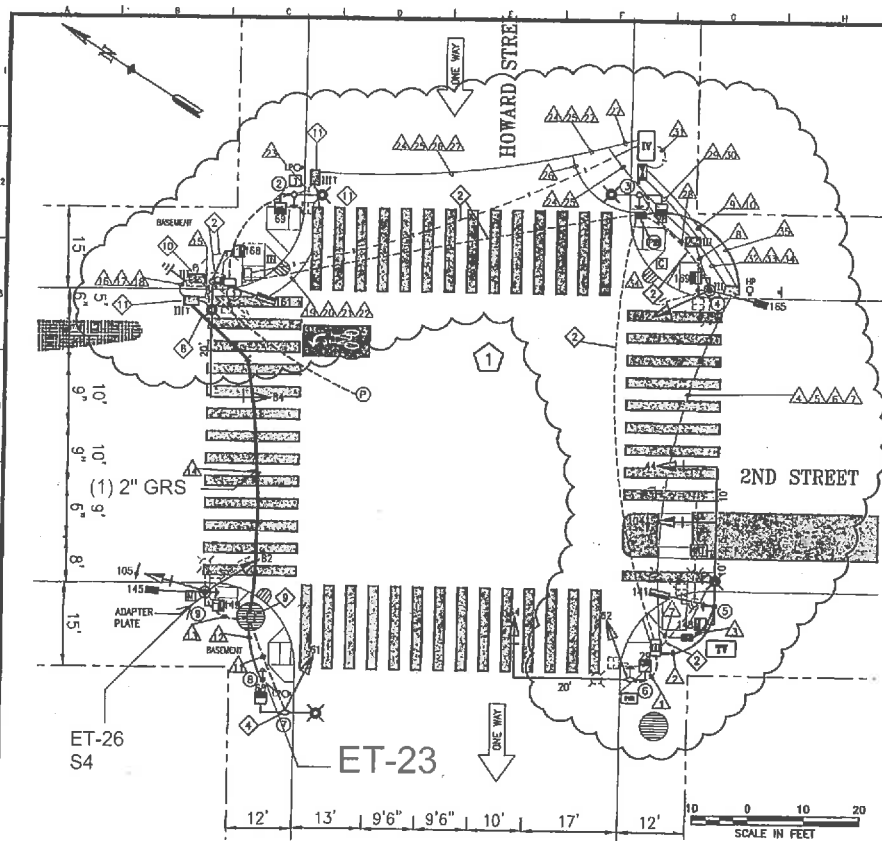
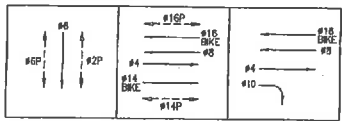


# Howard St Revised Traffic Signal Drawing



## PHASE DIAGRAM



## PHASE SEQUENCE

C	Y	R	HOWARD ST. (WB) - #6
R		G	2ND ST. (SB & NB) - #4 & #8
RA		CA	2ND ST. (NB BIKE) - #10
	R	CA	2ND ST. (SBRT) - #10
RA		CA	2ND ST. (SB BIKE) - #14
RM	FRH	RM	PED XING 2ND ST. (SS & NS) - #2P & #8P
RH	YH	FRH	PED XING HOWARD ST. (WS & ES) - #14P & #16P

- ET-1 (3S12") = 3 EA
- ET-2 (3S12" RA) = 2 EA
- ET-3 (NRT) = 1 EA
- ET-4 (3S8" Bike) = 2 EA
- ET-5 (3S12" Bike) = 2 EA
- ET-6 (TV-1-T) = 1 EA
- ET-7 (SV-1) = 2 EA
- ET-8 (SV-1-T) = 2 EA
- ET-9 (TV-2-T) = 1 EA
- ET-14 SIGNAL BACK PLATE = 2 EA
- ET-15 (1S-COUNT HOUSING) = 6 EA

## SHEET

- ET-16 LABOR COST... = 6 EA
- ET-17 (SP-1) = 6 EA
- ET-48 (Cabinet) = 1 EA

## SCHEDULE

ITEM	No.	TYPE	MOUNTING	REMARKS
168	3	1S-COUNT	SP-1	APS 1 BACKPLATE 6
68	3	1S-COUNT	SP-1	APS 1 6
21	3	1S-COUNT	SP-1	APS 1
169	1	1S-COUNT	SP-1	APS 1 MOUNT 168 AT 8'
148	3	1S-COUNT	SP-1	BACKPLATE BACKPLATE APS 1
28	3	1S-COUNT	SP-1	APS 1 BACKPLATE
48	3	1S-COUNT	SP-1	EXTERNAL CONDUIT APS 1
149	1	1S-COUNT	SP-1	APS 1 MOUNT 148 AT 8'

LL BOX WALL AND CAP ENDS, PRIOR TO ABANDONING OF EXISTING 1 TO STREET LIGHTS AND TRAFFIC CONTROLLER.  
L CITY FURNISHED ONE SECTION LED PEDESTRIAN MODULE.  
INSTRUCTIONS REGARDING POLE 7, AGE AND WATTAGE.

BE MAINTAINED OR DISTURBED OR DUE TO CONSTRUCTION CHANGES AS REQUIRED AND/OR DIRECTED.

- CONTRACTOR TO INTERRUPT AND CUT (C) CONDUIT, PULL NEW WIRES AS SHOWN IN WIRING SCHEDULE.
- SPlice NEW WIRE INTO THE EXISTING WIRES AS PER SCHEDULE AND WIRING SCHEDULE (SEE STREET LIGHT AND SIGNAL). PROVIDE NEW WIRES FOR ALL ADDITIONAL SIGNALS PER CONDUIT AND WIRING SCHEDULE.
- REPLACE EXISTING CONTROLLER CABINET WITH A TYPE III PULLBOX AND USE FOR SERVICE POINT TO NEW CONTROLLER CABINET LOCATION.
- TRAFFIC RATED TYPE III PULL BOXES.

REV.	DATE	DESCRIPTION	BY	APP.
1	12/20/18	POC #11 Deskcheck, Pullboxes, and Conduit Changes	SS	SL



DESIGN & ENGINEERING  
PUBLIC WORKS  
CITY & COUNTY OF SAN FRANCISCO  
33 VAN NESS AVENUE, 8TH FLOOR  
SAN FRANCISCO, CA 94102-0038

Division Mgr:	Project Manager:	Date:
Deputy Division Mgr:	Legal Counsel:	
Division Mgr:	Public Review:	

DESIGNED:	DATE:
SS/ZH	09/18
DRAWN:	DATE:
SS/ZH	09/18
CHECKED:	DATE:
00/SL	9/18



SCALE:
AS SHOWN
SHEET OF SHEETS
-- OF --

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

CONTRACT NO.	1064J
DRAWING NO.	ET-3.0
FILE NO.	
REV. NO.	