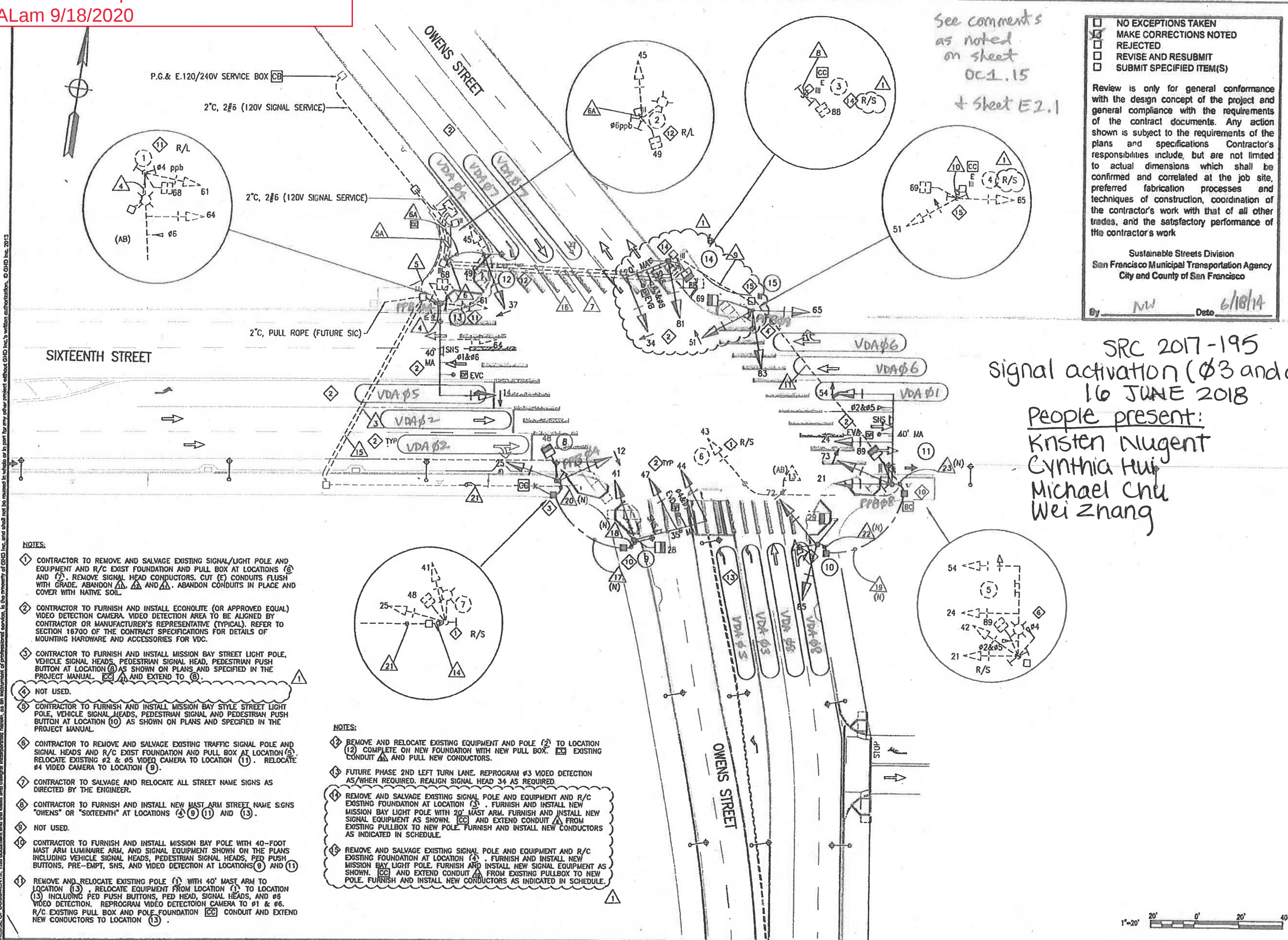


[illegible]

☐ NO EXCEPTIONS TAKEN
☒ MAKE CORRECTIONS NOTED
☐ REJECTED
☐ REVISE AND RESUBMIT
☐ SUBMIT SPECIFIED ITEM(S)

Review is only for general conformance with the design concept of the project and general compliance with the requirements of the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor's responsibilities include, but are not limited to actual dimensions which shall be confirmed and correlated at the job site, preferred fabrication processes and techniques of construction, coordination of the contractor's work with that of all other trades, and the satisfactory performance of the contractor's work.

Sustainable Streets Division
San Francisco Municipal Transportation Agency
City and County of San Francisco

By NW Date 6/18/14

SRC 2017-195
signal activation ($\phi 3$ and $\phi 7$)
16 JUNE 2018
People present:
Kristen Nugent
Cynthia Hui
Michael Chu
Wei Zhang

MISSION BAY PROJECT - SAN FRANCISCO, CA		OWENS STREET PUBLIC IMPROVEMENTS		SIXTEENTH ST. & OWENS ST. SIGNAL PLAN	
		BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY		SEE DWG. NO. RGS DWG. NO. DWG.	
GHD INC. 1000 California Street, Suite 200 San Francisco, California 94111 USA Tel: 415 774 2000 Fax: 415 774 2000 E: info@ghd.com				SANDISI 1000 California Street, Suite 200 San Francisco, California 94111 USA Tel: 415 774 2000 Fax: 415 774 2000 E: info@sandisi.com	
ORDER: FOCL-01, LLC PROJECT: LANDMARK				MISSION BAY DEVELOPMENT GROUP	
418 CHINA BAS & STREET BAY FRANCISCO, CA 94108		1/3/14 3/28/13 5/14/13 DEC		INSTRUCTIONAL BULLETIN #4 - POLE CHANGES INSTRUCTIONAL BULLETIN #2 ISSUED FOR PERMIT DPL	
REVISIONS		REVISIONS		REVISIONS	

CONDUCTOR NAME: 10/15/2023 Owens Street Missionbay.dwg
PLOT DATE: Jun 11, 2013 - 1:48pm
PLOT BY: JOW
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F/I WIRING (AS DIRECTED)

CONDUIT AND WIRING SCHEDULE

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
CONDUIT SIZE	3"	3"	3"	2"	3"	TWO 3"	2"	2"	2"	2"	2"	2"	2"	2"	2"	TWO 2"	2"	2"	2"	2"	2"	2"	2"
CONDUIT DISPOSITION	AB EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	NEW	EXIST.	NEW	EXIST.	-	AB	AB	EXIST.	EXIST.	NEW	NEW	NEW	NEW	NEW
No.14 CONDUCTORS																							
SIGNAL 64 (N)				3	3																		
SIGNAL 61 (N)				3	3																		
SIGNAL 68 (N)				2	2																		
SIGNAL 45 (N)						3	3																
SIGNAL 37 (N)						3	3																
SIGNAL 49 (N)						2	2																
SIGNAL 88 (N)						2				2													
SIGNAL 51 (N)						3					3	3						2					
SIGNAL 65 (N)						3												3					
SIGNAL 69 (N)						2					2	2						3					
SIGNAL 54 (N)						3							3									3	
SIGNAL 24 (N)						3							3									3	
SIGNAL 21 (N)						3							3									3	
SIGNAL 89 (N)						2					2	2						2				2	
SIGNAL 73 (N)						3							3									3	
SIGNAL 25 (N)						3												3	3				
SIGNAL 41 (N)						3							3	3							3		
SIGNAL 48 (N)						2							2	2							2		
SIGNAL 47 (N)						3							3	3							3		
SIGNAL 12 (N)						3							3					3	3				
SIGNAL 28 (N)						2							2	2							2		
SIGNAL 85 (N)						3							3								3		
SIGNAL 72 (N)						3							3								3		
SIGNAL 29 (N)						2							2								2		
SIGNAL 44 (N)						3							3	3							3		
SIGNAL 83 (N)						3							3								3		
SIGNAL 84 (N)						3							3	3							3		
SIGNAL 34 (N)						3							3								3		
SIGNAL 14 (N)						3	3						3										
PPB #2						1	1																
PPB #4						1	2																
PPB #6						2																	
PPB #8						2																	
NEUTRAL						1	1																
SPARE						3	3																
TOTAL #14 WIRES						16	40																
VIDEO DETECTOR CABLE																							
#2 & #5 (N)						1																	
#4 & #7 (N)						1																	
#6 & #1 (N)						1																	
#8 & #3 (N)						1																	
TOTAL CABLES						2	2																
No.6 CONDUCTORS-120V SIGNAL SERVICE																							
OPTICOM																							
EVA(#2)						1																	
EVB(#4)						1																	
EVC(#6)						1	1																
EVD(#8)						1																	
CONDUIT FILL (%)						11	14																

GENERAL NOTE

CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDUIT RUNS PRIOR TO BEGINNING CONSTRUCTION. IF ANY DISCREPANCIES ARE OBSERVED THEY SHALL BE RECTIFIED IN ACCORDANCE WITH CCSF STANDARDS.

SHEET NOTES

- SEE LANDSCAPE ARCHITECTURAL, STRUCTURAL, AND STREET LIGHTING PLANS FOR POLE AND/OR MAST ARM DETAILS.
- POWDER COAT POLES AND MAST ARMS "MISSION BAY GRAY" CARDINAL INDUSTRIAL FINISHES #6422-GR494.
- NOT USED.
- ALL NEW 12" SIGNAL HEADS SHALL HAVE BACKPLATES PER CCSF SS SECTION 16700.
- FURNISH AND INSTALL VIDEO DETECTION CAMERA. REFER TO PROJECT SPECIFICATION SECTION 16700 FOR MOUNTING HARDWARE AND ACCESSORIES DETAILS.
- F/I NEW WIRING = FURNISH AND INSTALL NEW SIGNAL HEAD WITH NEW CONDUCTORS AS INDICATED PER CCSF SS SECTION 16700.

POLE AND EQUIPMENT SCHEDULE

POLE NO.	TYPE OF POLE	LUMINAIRE	VEHICLE SIGNAL			PEDESTRIAN SIGNAL			PED PUSH BUTTON	REMARKS
		VOLTAGE/WATTS	NO.	TYPE	MOUNTING (F/I)	NO.	TYPE	MOUNTING (F/I)	ARROW	
RL 16 E-16TH-P19	MISSION BAY POLE (E) W/EXIST 40' MAST ARM	240V/250W-MH	64	3S12" JS12"	MAS SV-1-T	68	LED COUNTDOWN	SP-1-T	4	RELOCATE EXISTING SIGNAL EQUIPMENT TO LOCATION 13. SEE NOTE 11 SHEET T1.2. 1 2 5 6
RL 16 E-16TH-P18	MISSION BAY POLE (E) STREET LIGHT POLE	240V/150W-MH	F/I 45	3S12" JS12" LA	SV-2-T	49	LED COUNTDOWN	SP-1-T	6	RELOCATE TO 12. SEE NOTE 12 SHEET T1.2. 1 2 6
RL 16 E-16TH-P17	MISSION BAY POLE (E) STREET LIGHT POLE	240V/150W-MH				88	LED COUNTDOWN	SP-1-T	6	RELOCATE TO 14. SEE NOTE 14 SHEET T1.2.
RL 16 E-16TH-P16	EXIST. MISSION BAY STREET LIGHT POLE F/I NEW 35' MAST ARM	240V/250W-MH	R/L 51 R/L 65 F/I 84 F/I 83 F/I 34	3S12" JS12" LA 3S12" JS12" LA 3S12" JS12" LA 3S12" JS12" LA	SV-3-T MAS MAT	69	LED COUNTDOWN	SP-1-T	8	RELOCATE EXISTING POLE AND EQUIPMENT TO 15. SEE NOTE 15 SHEET T1.2. F/I NEW 35' MA, SNS AND SIGNAL EQUIPMENT AS INDICATED. 1 2 5 6
R/S 16 E-16TH-P11	TYPE 26-4-80 WITH 40' SIGNAL ARM AND 8' LUMINAIRE ARM	240V/250W-MH	54 24 42 21	3S12" LA 3S12" JS12" LA 3S12" JS12" LA	MAT MAT SV-2-T	89	LED COUNTDOWN	SP-1-T	8	R/S SIGNAL EQUIPMENT RELOCATE MAST SNS #2 AND #5 VIDEO CAMERA TO 11. RELOCATE #4 VIDEO CAMERA TO 9.
R/S 16 E-16TH-P9	TYPE 1-A		43	3S12"	TV-1-T					R/S
R/S 16 E-16TH-P7	TYPE 15 WITH 8' LUMINAIRE ARM	240V/250W-MH	41 25	3S12" JS12"	SV-2-T	48	IS-IN	SP-1-T	4	R/S
F/I 8 N-16TH-P6	F/I MISSION BAY STREETLIGHT POLE	240V/250W-MH	F/I 12 F/I 25	3S12" LA 3S12"	SV-2-T	48	LED COUNTDOWN	SP-1-T	4	1 2 6
F/I 9 N-O-P8	F/I MISSION BAY STREET LIGHT POLE WITH 35' MAST ARM	240V/250W-MH	F/I 41 F/I 47 F/I 44	3S12" JS12" LA 3S12" JS12"	SV-1-T MAS MAT	28	LED COUNTDOWN	SP-1-T	2	RELOCATE #4 VIDEO CAMERA FROM LOCATION 5 AND REPROGRAM AS #4 & #7. 1 2 5 6
F/I 10 N-O-P9	F/I MISSION BAY STREETLIGHT POLE	240V/250W-MH	F/I 72 F/I 85	3S12" LA 3S12"	SV-2-T	29	LED COUNTDOWN	SP-1-T	2	1 2
F/I 11 N-16TH-P7	F/I MISSION BAY STREET LIGHT POLE WITH 40' MAST ARM	240V/250W-MH	F/I 54 F/I 24 F/I 21 F/I 73	3S12" LA 3S12" LA 3S12" LA 3S12" LA	MAT MAS SV-2-T	89	LED COUNTDOWN	SP-2-T	8	F/I MAST ARM SNS "Owens St" R/L #2 & #5 VIDEO CAMERA FROM 5. 1 2 5 6
RL 16 F/I 12 E-16TH-P18	RELOCATE EXISTING MISSION BAY STREET LIGHT POLE FROM 2	240V/250W-MH	RL 45 F/I 37	3S12" JS12" LA 3S12" LA	SV-2-T	49	LED COUNTDOWN	SP-1-T	6	RELOCATE EQUIPMENT FROM 2. F/I SIGNAL HEAD 37 F/I NEW FND. 1 2 4 5 6
RL 16 13 E-16TH-P19	RELOCATE EXISTING MISSION BAY STREET LIGHT POLE WITH 40' MAST ARM FROM 1	240V/250W-MH	RL 64 RL 61 F/I 14	3S12" JS12" LA 3S12" JS12" LA 3S12" LA	MAS SV-2-T MAT	68	LED COUNTDOWN	SP-1-T	4	F/I NEW SIG HEAD 14, EVC, REPROGRAM #1 & #6 VIDEO DETECTION CAMERA. F/I SNS "Owens St" RL 61, 64, 49, AND PPB FROM 1.
RL 16 14 E-16TH-P17	RELOCATE EXISTING MISSION BAY STREET LIGHT POLE FROM 3	240V/150W-MH				88	LED COUNTDOWN	SP-1-T	6	RELOCATE POLE AND EXISTING SIGNAL EQUIPMENT FROM LOCATION 3. F/I NEW FND.
RL 16 15 E-16TH-P18	RELOCATE EXISTING MISSION BAY POLE FROM 4 F/I NEW 35' MAST ARM	240V/250W-MH	R/L 61 R/L 65 F/I 84 F/I 83 F/I 34	3S12" JS12" LA 3S12" JS12" LA 3S12" JS12" LA 3S12" JS12" LA	SV-3-T MAS MAT	69	LED COUNTDOWN	SP-1-T	8	F/I NEW 35' MA, SNS AND SIGNAL EQUIPMENT AS INDICATED. 1 2 5 6

- # EXIST. TO REMAIN
EXIST. TO BE REMOVED AND SALVAGED OR RELOCATED
FURNISH AND INSTALL NEW POLE AND EQUIPMENT

As-Built
B. L.
3/17/7

AS-BUILT

THIS DRAWING IS ACCURATE FOR ELECTRICAL WORK ONLY
ALL WORK TO BE PERFORMED IN ACCORDANCE WITH CCSF STANDARDS

OWNER: POUL-MB, LLC
PROJECT MANAGER: missionbay
235 CHANNEL STREET SAN FRANCISCO, CA 94106

ISSUED FOR PERMIT
6/14/13
DATE

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MISSION BAY PROJECT - SAN FRANCISCO, CA
OWENS STREET
PUBLIC IMPROVEMENTS
SIXTEENTH ST. & OWENS ST.
CONDUIT & EQUIPMENT SCHEDULES

03340.12.046
80 of 104
T1.3