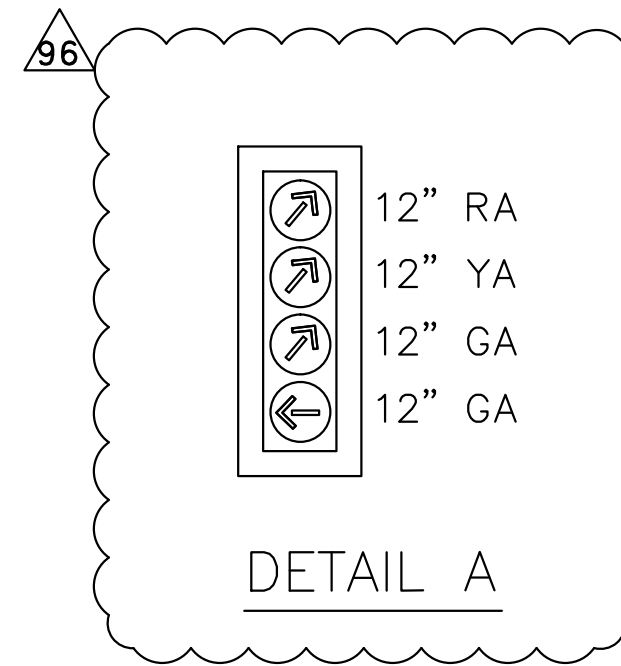
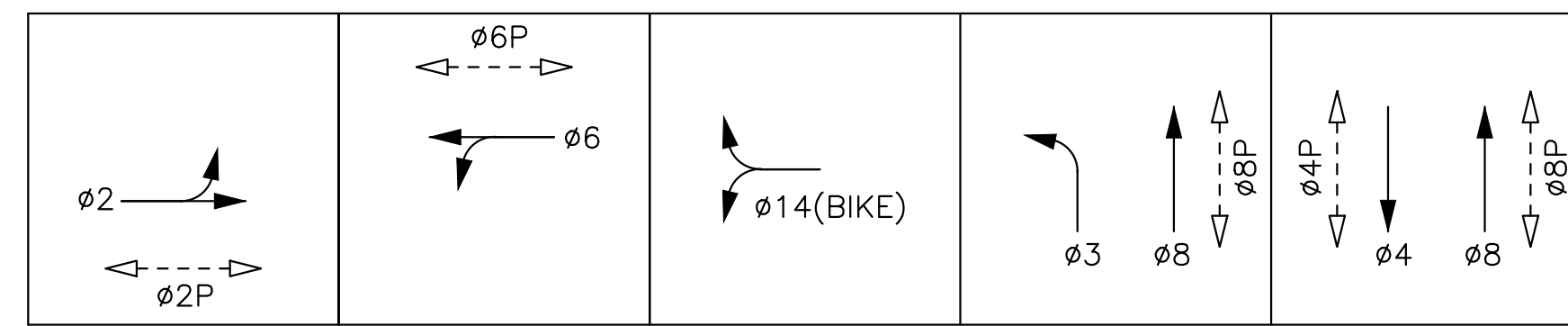




SHEET NOTES

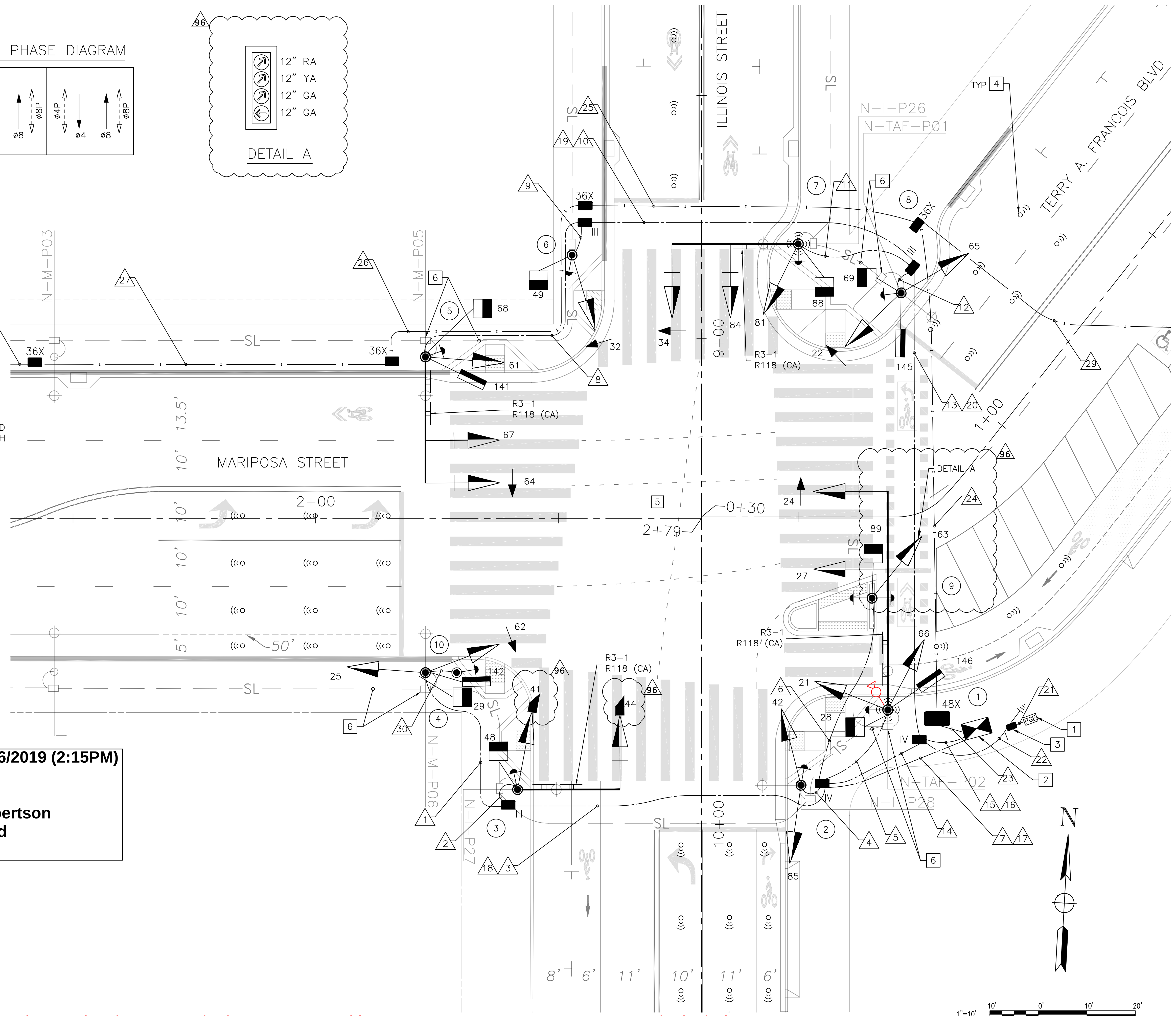
- 1 PG&E (040937) PULL BOX (SEE MB BLOCKS 33-34 JOINT TRENCH PLAN E3.2).
- 2 CONTRACTOR TO INSTALL TYPE 2070 CONTROLLER ASSEMBLY AND CABINET. MTA TO FURNISH M-SF CABINET AND CONTROLLER WITH BATTERY BACKUP. THE CONTRACTOR SHALL ALSO FURNISH THE ANCHOR BOLTS AND CONSTRUCT THE CONTROLLER CABINET FOUNDATION - SEE SPECIFICATIONS FOR THE CONTROLLER ASSEMBLY AND CCSF "M-SF" CABINET FOUNDATION REQUIREMENTS. LOCATION OF CABINET TO BE IDENTIFIED PER FIELD MEETING WITH SFMTA AND LOCATED 30" FROM BACK OF CABINET TO FACE OF CURB.
- 3 CONTRACTOR TO PROVIDE 40A INLINE FUSE AND FUSE HOLDER FOR TRAFFIC SIGNAL SERVICE DISCONNECT IN THE FIRST PULL BOX NEXT TO THE NEW PG&E SERVICE.
- 4 SENSYS DETECTORS TO BE PURCHASED AND INSTALLED BY CITY FORCES.
- 5 POLE LAYOUT MEETING WITH TRAFFIC SIGNAL SHOP AND TRAFFIC ENGINEERING REQUIRED PRIOR TO POLE FOUNDATION CONSTRUCTION.
- 6 STREET LIGHT PULL BOX AND WIRING PER MB BLOCK 33-34 LIGHTING PLAN E2.2.

FLASH 9/5/2019
(12:36PM)

SFMTA
Wei Zhang
Andrew Robertson
Steven Wong
Stephanie Chan

3-COLOR 9/6/2019 (2:15PM)

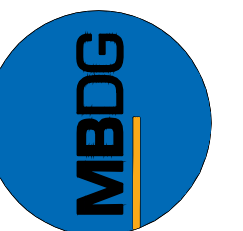
SFMTA
Andrew Robertson
Marcus Todd



Added CCTV on Pole 1, updated Runs 5 and 7 for new CAT 6 cable per SRC 2023-266 - J. Lee, L. Ventura (11/30/23)

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY

TRAFFIC SIGNAL
ILLINOIS ST AT TERRY A.
FRANCOIS BLVD - MARIPOSA ST
MISSION BAY BLOCKS 33-34
MISSION BAY PROJECT, SAN FRANCISCO, CA

[illegible]MISSION
BAY
DEVELOPMENT
GROUP

FRYER & LAURETA, INC.
SINCE 1968 • SURVEYS • CONSTRUCTION MANAGERS
1444 North San Mateo Drive • San Mateo, CA 94401
(650) 344-9901 • Fax (650) 344-9920 • www.fryerlaureta.com

SUBCONSULTANT:

 Consulting Group
220 MONTGOMERY STREET, SUITE 346
SAN FRANCISCO, CA 94104
(415) 392-9688

DATE:	03/10
DESIGNED:	BL
DRAWN:	BL
CHECKED:	SK
PROJ. ENGR:	SK
SCALE:	
BAR IS ONE INCH ON ORIGINAL	
0	1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE ACCORDINGLY	

SHEET
T2.1

JOB NO.
2048A

\\CHS-FILES\CHS-Files\Projects\2014\Mission Bay Blocks 29-32 and 33-34 Plans - 14-1026\Blocks 29-32-34\CADD\MB 29-32 - Warriors - Basg2.2-2.4 33-34.dwg 04/30/2019 9:42am BY: blee

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	24	25	26	27	28	29	30
CONDUIT SIZE (INCHES)	2"	2"	2"	2"	2"	2"	3"	2"	2"	2"	2"	2"	2"	2"	3"	2"	2"	2"	2"	2"	3"	2"	4-2"	4-2"	4-2"	4-2"	4-2"	4-2"	4-2"	2"
NOTES														SP		SP	SP	SP	SP	SP			PVC	PVC	PVC	PVC	PVC	PVC	PVC	
ILLINOIS AND TERRY FRANCOIS																														
NO. 14 CONDUCTORS																														
VEH SIGNAL 62	3		3				3																							
BIKE SIGNAL 142	3		3				3																							
VEH SIGNAL 25	3		3				3																							
PED SIGNAL 29	2		2				2																							
APS PUSH BUTTON ON POLE 10	2		2				2																							2
VEH SIGNAL 41		3	3				3																							
VEH SIGNAL 44		3	3				3																							
PED SIGNAL 48		2	2				2																							
APS PUSH BUTTON ON POLE 3		2	2				2																							
VEH SIGNAL 42				3			3																							
VEH SIGNAL 85				3			3																							
APS PUSH BUTTON ON POLE 2				2			2																							
VEH SIGNAL 24					3		3																							
VEH SIGNAL 21					3		3																							
VEH SIGNAL 27					3		3																							
BIKE SIGNAL 146					3		3																							
VEH SIGNAL 66					3		3																							
PED SIGNAL 28					2		2																							
APS PUSH BUTTON ON POLE 1					2		2																							
VEH SIGNAL 69							2																							
VEH SIGNAL 63							3																							
APS PUSH BUTTON ON POLE 9							4																							
VEH SIGNAL 64								3		3			3			3														
VEH SIGNAL 61								3		3			3			3														
VEH SIGNAL 67								3		3			3			3														
BIKE SIGNAL 141								3		3			3			3														
PED SIGNAL 68								2		2			2			2														
APS PUSH BUTTON ON POLE 5								2		2			2			2														
VEH SIGNAL 32									3	3			3			3														
PED SIGNAL 49									2	2			2			2														
APS PUSH BUTTON ON POLE 6									2	2			2			2														
VEH SIGNAL 34											3		3			3														
VEH SIGNAL 81											3		3			3														
VEH SIGNAL 84											3		3			3														
PED SIGNAL 69												2				2														
APS PUSH BUTTON ON POLE 7											2		2			2														
VEH SIGNAL 22												3	3			3														
VEH SIGNAL 65												3	3			3														
BIKE SIGNAL 145												3	3			3														
PED SIGNAL 88											2		2			2														
APS PUSH BUTTON ON POLE 8												2	2			2														
CCTV (CAT 6)					1		1																							
#14 NEUTRAL	4	3		2	6	1		4	2		4	3																		
#14 SPARES			3				3						3			3														
TOTAL #14 WIRES	17	13	26	10	25	10	62	20	9	23	17	16	52	-	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
#10 WIRES NEUTRAL			1				2			1			2			2														
WIRES STREET LIGHT																														
STREET LIGHT PULL BOX AND WIRING PER MB BLOCK 33-34 LIGHTING PLAN E2.2.																														
#8 WIRES (120 V SERVICE)																					2	2								
INTERCONNECT 12C																							2	2	2	2	2	2	2	
VIDEO DETECTION CABLE																														
(BELDEN #8691) Ø4																														

Added CCTV on Pole 1, updated Runs 5 and 7 for new CAT 6 cable per SRC 2023-266 - J. Lee, L. Ventura (11/30/23)

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY

ILLINOIS ST AND TERRY A. FRANCOIS BLVD POLE AND EQUIPMENT SCHEDULE																	
POLE NO.	TYPE OF POLE	LUMINAIRE WATTAGE	VEHICLE AND BICYCLE SIGNAL				PEDESTRIAN PED. PUSH SIGNAL			BUTTON		REMARKS					
			NO.	TYPE	MOUNTING	VISORS	NO.	TYPE	MOUNTING	Ø	ARROW						
1	MISSION BAY 45' SA/8' LA N-TAF-P02	1	24 27 21 66 146 NRT	4S12"GLA 3S12" 3S12" 4S12"GLA 3S8"BIKE 1S24"X24"	MAS MAS SV-2-TA SV-1-T 8	T T T T T	28	1S-LED	SP-1-T	8	←	BACKPLATE FOR 24 BACKPLATE FOR 27 APS-2W MOUNT #21 & #66 @ 13' MOUNT #146 @ 8' CCTV Camera					
2	MISSION BAY N-I-P28	1	42 85	3S12" 3S12"	SV-2-TA	T T				2	→						
3	MISSION BAY 20' SA/8' LA N-M-PXX	1	41 44 NRT	3S12" 3S12" 1S24"X24"	SV-1-T MAS 8	RAV RAV	48	1S-LED	SP-1-T	2	←	APS-2W BACKPLATE FOR 44					
4	MISSION BAY N-M-P06	1	62 25 142	4S12"GLA 3S12" 3S12"BIKE	SV-1-T SV-2-TA	T T T	29	1S-LED	SP-1-T			MOUNT #62 @ 14'					
5	MISSION BAY 25' SA/8' LA N-M-P05	1	64 67 61 141 NRT	4S12"GLA 3S12" 3S12" 3S12"BIKE 1S24"X24"	MAS MAS SV-2-TA 8	T T T T T	68	1S-LED	SP-1-T	4	←	BACKPLATE FOR 64 BACKPLATE FOR 67 APS-2W					
6	1-A (10')		32	3S12"LA	TV-1-T	T	49	1S-LED	SP-1-T	6	→	APS-2W					
7	MISSION BAY 25' SA/8' LA N-I-P26	1	34 81 84 NRT	3S12"LA 3S12" 3S12" 1S24"X24"	MAS SV-1-T MAS 8	T T T T	88	1S-LED	SP-1-T	6	←	BACKPLATE FOR 34 APS-2W BACKPLATE FOR 84					
8	MISSION BAY N-TAF-P01	1	22 65 145	4S12"GLA 3S12" 3S12"BIKE	SV-3-TA 8	T T T	69	1S-LED	SP-1-T	8	→	APS-2W					
9	1-A (10')	96	63	4S12"RYGGA	TV-1-T	T	89	1S-LED	TP-1-T	8 8	← →	APS-2W					
10	PPB POST									4	→	APS-2W					

SHEET NOTES

- SEE JOINT TRENCH PLANS FOR MISSION BAY STYLE LIGHTING AND POLE.
- WIRELESS DETECTION RECEIVER ONTO SIGNAL/STREET LIGHT POLE 20' HIGH. CITY FORCES TO INSTALL SENSYS DETECTORS AND RECEIVER.
- INSTALL STREET NAME SIGN ON MAST ARM. SEE DETAIL A.
- INSTALL STREET NAME SIGN ON MAST ARM. SEE DETAIL B.
- INSTALL STREET NAME SIGN ON MAST ARM. SEE DETAIL C.
- RELOCATE EXISTING APS PEDESTRIAN PUSH BUTTON FROM EXISTING POLE.
- CONTRACTOR TO PROVIDE WIRING. CITY FORCE TO PROVIDE APS PUSH BUTTON.
- INSTALL R3-1 ACTIVATED BLANK-OUT (TOP) WITH R118 (CA) (BOTTOM). CONDULET MAST ARM MOUNTING USE TRAFFIC SIGNAL HARDWARE INC. PART #0083 OR ACCEPTED EQUAL.

Illinois St

DETAIL A

← Terry A. Francois
Mariposa St →

DETAIL B

← Mariposa St
Terry A. Francois →

DETAIL C



TRAFFIC SIGNAL EQUIPMENT AND CONDUCTOR SCHEDULES - ILLINOIS ST AT TERRY FRANCOIS BLVD MISSION BAY BLOCKS 33-34

MISSION BAY PROJECT, SAN FRANCISCO, CA

SIP PERMIT SET 06/26/19

INSTRUCTIONAL BULLETIN #7 A 6/2/18

REF #91-SCOPE 2/3A 3/29/19

REF #98-SCOPE 5 A 4/29/19

MISSION BAY DEVELOPMENT GROUP

MBDG

DATE: 8/3/18

DESIGNED: BL

DRAWN: BL

CHECKED: SK

PROJ. ENGR: SK

SCALE: BAR IS ONE INCH ON ORIGINAL

SHEET T2.2

JOB NO. 42048A

FREYER & LAURETTA, INC.

144 North San Mateo Drive, San Mateo, CA 94401

(650)344-9901 • Fax: (650)344-9920 • www.freyerlauretta.com

Consulting Group

144 North San Mateo Drive, Suite 946, San Francisco, CA 94104

(415) 392-9888

NOT ONE INCH ON THIS SHEET. ADJUST SCALE ACCORDINGLY.