

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		
CONDUIT SIZE (INCH)	2	EX	2	2	2	2	2	2	3	2	2	2	2	2	3	2	2	2		1.5	1.5	2		
NOTES	△								◇	◇					◇	◇	◇	◇	SP		◇	△		
#14 WIRES																								
SIGNAL 89	2		2			2			2															
SIGNAL 42	3		3			3			3															
SIGNAL 21		3	3			3			3															
SIGNAL 24			3			3			3															
SIGNAL 28		2	2			2			2															
SIGNAL 48				2		2			2															
SIGNAL 41				3		3			3															
SIGNAL 44				3		3			3															
SIGNAL 29					2	2			2															
SIGNAL 62					3	3			3															
SIGNAL 68							2		2															
SIGNAL 61								3	3															
SIGNAL 64								3	3															
SIGNAL 22										3		3												
SIGNAL 69										2		2												
SIGNAL 88											2	2												
SIGNAL 81											3	3												
SIGNAL 84											3	3												
SIGNAL 49													2	2										
SIGNAL 82													3	3										
#14 WIRES (NEUTRAL)	2	2		3	2			3			2	3											1	
#14 WIRES (SPARE)			3			3			3			3												
TOTAL #14 WIRES	7	7	16	11	7	16	13	11	37		7	11	16	5	21								4	△
#10 WIRES (NEUTRAL)			1			1	1		3				1		2									
#8 WIRES (120V SERVICE)																								
#6 BSCW									1	1					1	1						1		
#8 WIRES (ST. LIGHT)			2																					
#10 WIRES (ST. LIGHT)	2	2	EX	2				2			2	2	2											
12/C INTERCONNECT																1				1				
1/4" PULL ROPE			1			1	1						1				1							

POLE AND EQUIPMENT SCHEDULE									
POLE No.	TYPE OF POLE	LUMINAIRE (HPS)	VEHICLE SIGNAL			PEDESTRIAN SIGNAL			REMARKS
		VOLTAGE/WATTS	No.	TYPE	MOUNTING (F/I)	No.	TYPE	MOUNTING (F/I)	
①	17-1-70 WITH 20' MAST ARM AND 6' LUMINAIRE ARM	240/400 B2	84 81	3S12" 3S8"	MAS (END) SV-1-T	88	1S-IN	SP-1	BACKPLATE BASEMENT
②	1-A (10')		22	3S8"	TV-1	69	1S-IN	SP-1	BASEMENT
③	EX STREET LIGHT 17-1-70 W/6' ARM	240/200 B2	21	3S8"	SV-1-T	28	1S-IN	SP-1	BASEMENT
④	CITY STANDARD SL WITH 6' LUMINAIRE ARM	240/150 B2	42	3S8"	SV-1-T	89	1S-IN	SP-1	BASEMENT
⑤	17-1-70 WITH 20' MAST ARM AND 6' LUMINAIRE ARM	240/400 B2	44 41	3S12" 3S8"	MAS (END) SV-1-T	48	1S-IN	SP-1	BACKPLATE
⑥	1-A (10')		62	3S8"	TV-1	29	1S-IN	SP-1	
⑦	17-1-70 WITH 8' MAST ARM AND 6' LUMINAIRE ARM	240/200 B2	64 61	3S12" 3S8"	MAC-SF SV-1-T	68	1S-IN	SP-1	BACKPLATE
⑧	CITY STANDARD SL WITH 6' LUMINAIRE ARM	240/150 B2	82	3S8"	SV-1-T	48	1S-IN	SP-1	
③A	16-1-70 WITH 8' MAST ARM		24	3S12"	MAC-SF				BACKPLATE BASEMENT

DETAIL NOTES:

△ F/I WITH INTEGRAL BALLAST AND PHOTOELECTRIC CONTROL. F/I FUSE AND FUSE HOLDERS PER SPDOWS FILE #49,092.

◇ REPULL EX SL WIRING

◇ POLYVINYL CHLORIDE (PVC) CONDUIT SCHEDULE 80.

NOTE:

THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTED 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.

3 10-15-20 SRC 2020-255: UPDATED MOUNTING FOR SIGNALS 24 AND 64 HYu MVelasco

REFERENCE INFORMATION & FILE NO. OF SURVEYS		BUREAU OF ENGINEERING DEPARTMENT OF PUBLIC WORKS CITY AND COUNTY OF SAN FRANCISCO		DESIGNED: DATE: DSB/DVS 1/01	APPROVED		SCALE: NONE	SOMA MISSION STREET TRAFFIC SIGNAL UPGRADE		SPECIFICATION NO. 1663NR
				DRAWN: DATE: JS DSB/WL 1/01	SECTION MANAGER DATE:				DRAWING NO. E-10.1	
TABLE OF REVISIONS				CHECKED: DATE: SL/BW 1/01	DIVISION MANAGER DATE:		SHEET OF SHEETS 24 OF 39	6TH STREET AND MISSION ST. TRAFFIC SIGNAL WORKS (SCHEDULES)		FILE NO. 75,581
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION				CITY ENGINEER DATE:						REV. NO. 3