



- DETAIL NOTES:**
- A1 EX CONDUIT AND WIRING. R/C EX WIRING. F/I NEW WIRING AS NOTED.
 - A4 R/C EX WIRING AND CONDUIT. REPAIR SIDEWALK TO MATCH EX.
 - A5 EX CONDUIT AND WIRING. R/C EX WIRING. CUT CONDUIT FLUSH TO PULL BOX WALL OR 12" DEPTH. CAP END(S). ABANDON CONDUIT IN PLACE.
 - A2 EX CONDUIT WITH SL WIRING TO REMAIN.
 - A24 EX CONDUIT WITH PULL ROPE.
 - B2 F/I WITH INTEGRAL BALLAST AND PHOTOELECTRIC CONTROL. F/I-FUSE AND FUSE HOLDERS PER SPDPWSF FILE #49,092.
 - B9 SPLICE NEW SL WIRING TO ADD NEW SL TO EX CIRCUIT.
 - D CHIP EX FOUNDATION CAREFULLY TO BRING CONDUIT INTO BASE OF STANDARD AND REPAIR AFTER INSTALLATION.
 - I EXTEND 12/C INTERCONNECT TO NEW IC LOCATION. SPLICE TO EX 12/C TO MAINTAIN INTERCONNECT SYSTEM.
 - L5 CONTRACTOR SHALL COORDINATE WITH WALLY SUN OF HETCH HETCHY AT (415) 554-1873 TO DISCONNECT EX PG&E IC SERVICE WIRING. R/C EXISTING WIRING. CUT CONDUIT FLUSH TO PULL BOX WALL OR 12" DEPTH. CAP END(S). ABANDON CONDUIT IN PLACE.
 - L6 F/I IN-LINE FUSE HOLDER W/ 40A FUSE FOR IC SERVICE.
 - L7 COORDINATE WITH PG&E VIA WALLY SUN OF HETCH HETCHY AT (415) 554-1873 FOR CONNECTION WORK.
 - T CONTRACTOR SHALL COORDINATE WITH ENGINEER TO CONTACT METRICOM INC. REPRESENTATIVE @408-282-3035 TO REMOVE ANTENNAS ON STREET LIGHT POLE.

NO.	DATE	DESCRIPTION	TP	BC
10/02	PCO-1: NEW SERVICE			
TABLE OF REVISIONS				
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION				

REFERENCE INFORMATION	FILE NO. OF SURVEYS






BUREAU OF ENGINEERING
DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF SAN FRANCISCO



DESIGNED: DATE: GD/LS/TP 3/02	APPROVED: DATE:
DRAWN: DATE: TP 3/02	SECTION MANAGER DATE:
CHECKED: DATE: DSB/STL 3/02	DIVISION MANAGER DATE:
	CITY ENGINEER DATE:

SCALE: 1" = 10'	SPECIFICATION NO. 0286J
SHEET OF SHEETS 27 OF 73	DRAWING NO. E-11.0
	FILE NO. 78219
	REV. NO. 1

POLE AND EQUIPMENT SCHEDULE											
POLE No.	TYPE OF POLE	LUMINAIRE (HPS)	VEHICLE SIGNAL					PEDESTRIAN SIGNAL			REMARKS
		VOTAGE/ WATTS	No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE	MOUNTING	
①	CITY STANDARD STREET LIGHT W/ 6' LUMINAIRE ARM 	120V/100W	81	3S8"	SV-1-T	T		88	IS-COUNT	SP-1	
②	17B-1-70 W/ 20 MAST ARM 6' LUMINAIRE 	120V/150W	24	3S12"	MAS	T		69	IS-COUNT	SP-1	BACKPLATE
			22	3S8"	SV-1-T	T					
③	1-A (10')		21	3S8"	TV-1	T		28	IS-COUNT	SP-1	
④	1-A (10')		42	3S8"	TV-1	T		89	IS-COUNT	SP-1	
⑤	EX. SL		41	3S8"	SV-1-T	T		48	IS-COUNT	SP-1	
⑥	EX. SL							29	IS-COUNT	SP-1	
⑦	1-A (10')		82	3S8"	TV-1	T		49	IS-COUNT	SP-1	
								68	IS-COUNT	SP-1	

SWITCH OVER: 2-12-04 @ 9:27AM (3 COWS)

PHASE SEQUENCE:

G	Y	R	BUSH ST.
R		G	BUCHANAN ST
RH	WM	FRH	PED XING BUSH ST.
WM	FRH	RH	PED XING BUCHANAN ST

PHASE DIAGRAM:

PHASES 2, 2P, & 6P

PHASES 4, 8, 4P, & 8P

NEW SERVICE POINT ACTIVATED ON 11/27/04

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.

EXTERNAL REFERENCES: 633422.dwg
FILE NAME: 0286J.E11.0.dwg
DATE: 10/02/02 11:09
SCALE FACTOR: 120
PRINT SCALE: 1"=10'

CONDUIT AND WIRING SCHEDULE (FURNISH AND INSTALL CONDUIT AND WIRES)																												
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
CONDUIT SIZE (INCH)		2		2				2			2	3	2	2	2	2		2	3		3	1.5	1.5	2	3	1.5	2	2
CONDUIT SIZE (mm)		53		53				53			53	77	53	53	53	53		53	77		77	41	41	53	77	41	53	53
NOTES			EX		NOT USED	EX	EX		EX	EX							EX			EX		GRSC	GRSC		SP	GRSC		
	PED. SIGNAL 29	2				2			2			2																
	VEH. SIGNAL 41		3	3		3			3			3																
	PED. SIGNAL 48		2	2		2			2			2																
	PED. SIGNAL 49							2	2			3																
	PED. SIGNAL 68							2	2			2																
	VEH. SIGNAL 82							3	3			3																
	VEH. SIGNAL 81										3	3																
	PED. SIGNAL 88										2	2																
	VEH. SIGNAL 42													3			3		3									
	PED. SIGNAL 89													2			2		2									
	VEH. SIGNAL 21														3		3		3									
	PED. SIGNAL 28														2		2		2									
	VEH. SIGNAL 22																	3	3									
	VEH. SIGNAL 24																	3	3									
	PED. SIGNAL 69																	2	2									
	#14 NEUTRAL	1	2					3			2			2	2			3										
	#14 SPARE			3		3			3			3					3		3									
	TOTAL #14 WIRES	3	7	8		10		10	17		7	23		7	7		13	11	21									
	#10 WIRES NEUTRAL			1		1			2		2	2					1		1									
	#10 WIRES STREET LIGHT																	2								2		
	#8 WIRES STREET LIGHT																					2	2					
	#8 WIRES (120 V SERVICE)												2											2			2	
	#6 BSCW											1												1			1	
	INTERCONNECT 12C CABLE															2	1			3	4					2		
	DLW (DETECTOR LOOP WIRE)																											
	DLC (DETECTOR LED-IN-CABLE)																											
	PRE-EMPTION																											

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1	10/02	PCO-1: NEW SERVICE	TP	BC	
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APPROVED
SECTION MANAGER DATE:
DIVISION MANAGER DATE:
CITY ENGINEER DATE:

SCALE:
NONE
SHEET OF SHEETS
28 OF 73

BUSH STREET TRAFFIC SIGNAL UPGRADE
BUSH ST AND BUCHANAN ST SCHEDULE

SPECIFICATION NO.
0286J
DRAWING NO.
E-11.1
FILE NO.
78220
REV. NO.
1