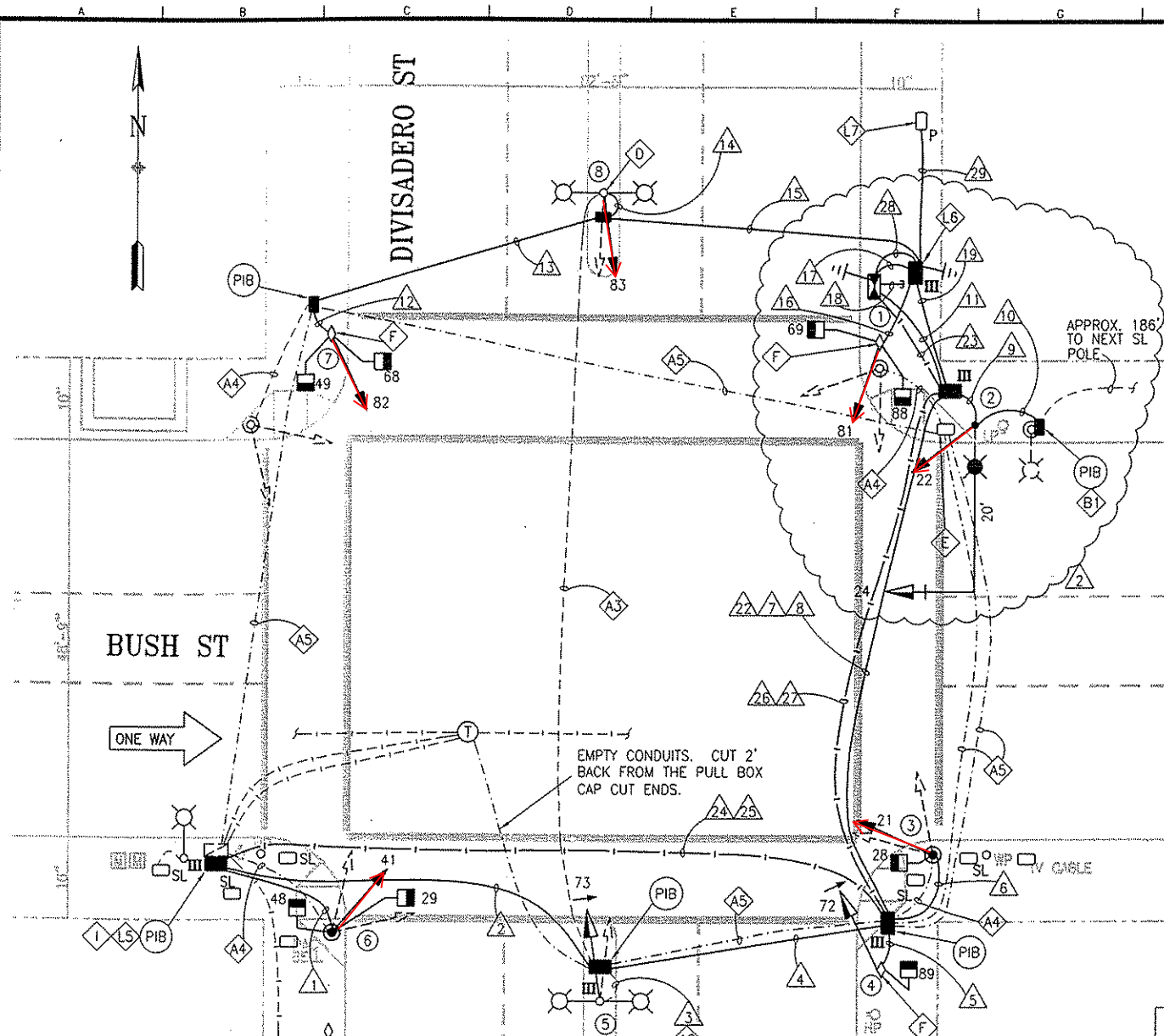




POLE AND EQUIPMENT SCHEDULE											
POLE No.	TYPE OF POLE	LUMINAIRE (HPS)	VEHICLE SIGNAL					PEDESTRIAN SIGNAL			REMARKS
		VOLTAGE/ WATTS	No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE	MOUNTING	
①	EX. MUNI POLE		81	3S12"	SV-1-T	T		88 69	1S-COUNT 1S-COUNT	SP-2-T	EXTERNAL CONDUIT SEE ① E-0.4
②	17B-1-70 20' MAST ARM 6' LUMINAIRE ARM	120V/150W	24 22	3S12" 3S12"	MAS SV-1-T	T T		-	-	-	BACKPLATE
③	1-A (10')		21	3S12"	TV-1-T	T		28	1S-COUNT	SP-1	
④	EX. MUNI POLE		72	L4S12"-GLA	SV-1-T	FC ON GREEN BALL, T ON ALL OTHERS	ON GREEN BALL ONLY	89	1S-COUNT	SP-1-T	LOUVER & FC GREEN BALL ONLY. EXTERNAL CONDUIT SEE ① E-0.4
⑤	EX. SL		73	4S12"-GLA	SV-1	T		-	-	-	
⑥	1-A (10')		41	3S12"	TV-1-T	T		29 48	1S-COUNT 1S-COUNT	SP-1-SF (12") SP-1 (22")	
⑦	EX. MUNI POLE		82	3S12"	SV-1-T	T		49 68	1S-COUNT 1S-COUNT	SP-2-T	EXTERNAL CONDUIT SEE ① E-0.4
⑧	EX. SL		83	3S12"	SV-1	T		-	-	-	

DETAIL NOTES:

- ② EX CONDUIT AND WIRING, R/C EX TS WIRING, SL WIRING TO REMAIN, F/I NEW WIRING AS NOTED.

③ EX CONDUIT AND WIRING, R/C EX TS WIRING, EX SL WIRING TO REMAIN.

④ R/C EX WIRING AND CONDUIT, REPAIR SIDEWALK TO MATCH EX.

⑤ 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.

⑥ SPLICE NEW WIRING TO EX SL WIRING TO ADD NEW SL(S) TO EX CIRCUIT.

⑦ F/I WITH INTEGRAL BALLAST AND PHOTOELECTRIC CONTROL, F/I FUSE AND FUSE HOLDERS PER SPDWSF FILE #49,092.

⑧ CHIP EX FOUNDATION CAREFULLY TO BRING CONDUIT INTO BASE OF STANDARD AND REPAIR AFTER INSTALLATION.
- ⑨ R/C EX PULL BOX, REPAIR SIDEWALK AND/OR PAVEMENT TO MATCH EX OR AS REQUIRED.

⑩ SIGNALS SHALL USE NEW EXTERNAL CONDUIT, SURFACE MOUNTED CONDUIT SHALL BE INSTALLED ON THE SIDE OPPOSITE THE ROADWAY OR INTERSECTION.

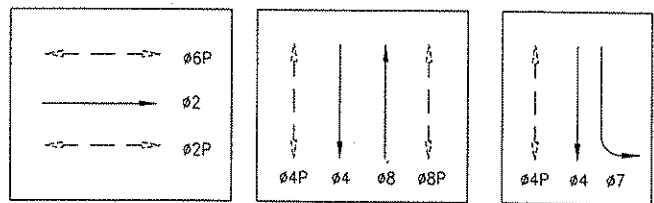
⑪ EXTEND 12/C INTERCONNECT TO NEW IC LOCATION, SPLICE TO EX 12/C TO MAINTAIN INTERCONNECT SYSTEM.

⑫ 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.

⑬ F/I IN-LINE FUSE HOLDER W/ 40A FUSE FOR IC SERVICE.

⑭ COORDINATE WITH PG&E VIA WALLY SUN OF HETCH HETCHY AT (415) 554-1873 FOR CONNECTION WORK.

PHASE DIAGRAM:



NOTE:
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SWITCH OVER: 2-10-04 @ 10:21 AM (3-COLOR)
ATTENDED BY: GP, JOE NG, LAURA MENTER, + PHONG

PHASE SEQUENCE:

G	Y	R	BUSH ST.
R	G	Y R	SB THRU - DIVISADERO ST.
OFF	LT G	OFF	SB LT - DIVISADERO ST.
R	G Y	R	NB THRU - DIVISADERO ST.
RH	WM	FRH RH	PED XING BUSH (W/S)
RH	WM FRH	RH	PED XING BUSH (E/S)
WM	FRH	RH	PED XING DIVISADERO

REFERENCE INFORMATION & FILE NO. OF SURVEYS			
(3) 8/17/21 To 3S12": 21, 22, 41, 81, 82, 83 (2020-211) E. Luu G. De Leon			
12/02	PCO-3: VARIOUS	TP	BC
10/02	PCO-1: NEW SERVICE	TP	BC
NO.	DATE	DESCRIPTION	BY APP.
TABLE OF REVISIONS			
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION			



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



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

SCALE:
1" = 10'
SHEET OF SHEETS
15 OF 73

BUSH STREET TRAFFIC SIGNAL UPGRADE	
BUSH ST AND DIVISADERO ST	

SPECIFICATION NO.	0286J
DRAWING NO.	E-5.0
FILE NO.	78207
REV. NO.	3

FILE NAME: 0286J_E05.0.dwg
DATE: 15 MAR 2004
SCALE: 1" = 10'
SHEET: 15 OF 73
DRAWING NO: E-5.0
SPECIFICATION NO: 0286J
ORIGINAL: 120
DATE: 12/02/02
BY: JN/JS
CHECKED: STL/DSB
APPROVED: [Signature]
DATE: 3/02
DESIGNED: GD/LS/TP
DATE: 3/02

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	28	29
CONDUIT SIZE (INCH)	2	2	2	2	1.5	2	2	2	2	1.5	3	1.5	2	2	2	1.5	3	3	2			2	3	2	2	2	2	2	2
CONDUIT SIZE (mm)	53	53	53	53	41	53	53	53	53	41	77	41	53	53	53	41	77	77	53			53	77	53	53	53	53	53	53
NOTES			EX		GRSC					GRSC		GRSC				GRSC		SP	SP	NOT USED	NOT USED	SP							
PED. SIGNAL 29	2	2		2			2				2																		
VEH. SIGNAL 41	3	3		3			3				3																		
PED. SIGNAL 48	2	2		2			2				2																		
VEH. SIGNAL 73			4	4			4				4																		
VEH. SIGNAL 72					4			4			4																		
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 49											2	2		2		2													
PED. SIGNAL 68											2	2		2		2													
VEH. SIGNAL 82											3	3		3		3													
VEH. SIGNAL 83													3	3		3													
PED. SIGNAL 69															2	2													
VEH. SIGNAL 81															3	3													
PED. SIGNAL 88															2	2													
#14 NEUTRAL	3		1		2	2			2		3		1		3														
#14 SPARE		3		3			3	3			3		3		3		3												
TOTAL #14 WIRES	10	10	5	14	8	7	14	14	8		31	10	10	4	13	10	20												
#10 WIRES NEUTRAL		1		1			1	1		2		1		1		1													
#10 WIRES STREET LIGHT									2																				
#8 WIRES STREET LIGHT																													
#8 WIRES (120 V SERVICE)																													
#6 BSCW																											2	2	
INTERCONNECT 12C CABLE																											1	1	
DLW (DETECTOR LOOP WIRE)																						3	2	1	2	1			
DLC (DETECTOR LED-IN-CABLE)																													
PRE-EMPTION																													

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NO.	DATE	DESCRIPTION	BY	APP.
12/02	PCO-3: VARIOUS	TP	BC	
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REFERENCE INFORMATION
& FILE NO. OF SURVEYS



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

DESIGNED: DATE:
LS/TP 3/02
DRAWN: DATE:
LS/JS 3/02
CHECKED: DATE:
STL/DSB 3/02

APPROVED
SECTION MANAGER DATE:
DIVISION MANAGER DATE:
CITY ENGINEER DATE:

SCALE:
NONE
SHEET OF SHEETS
16 OF 73

BUSH STREET TRAFFIC SIGNAL UPGRADE
BUSH ST AND DIVISADERO ST SCHEDULE

SPECIFICATION NO.
0286J
DRAWING NO.
E-5.1
FILE NO.
78208
REV. NO.
2

FILE NAME: 0286J.E05.1.dwg
DATE: Feb 15 2003 10:57