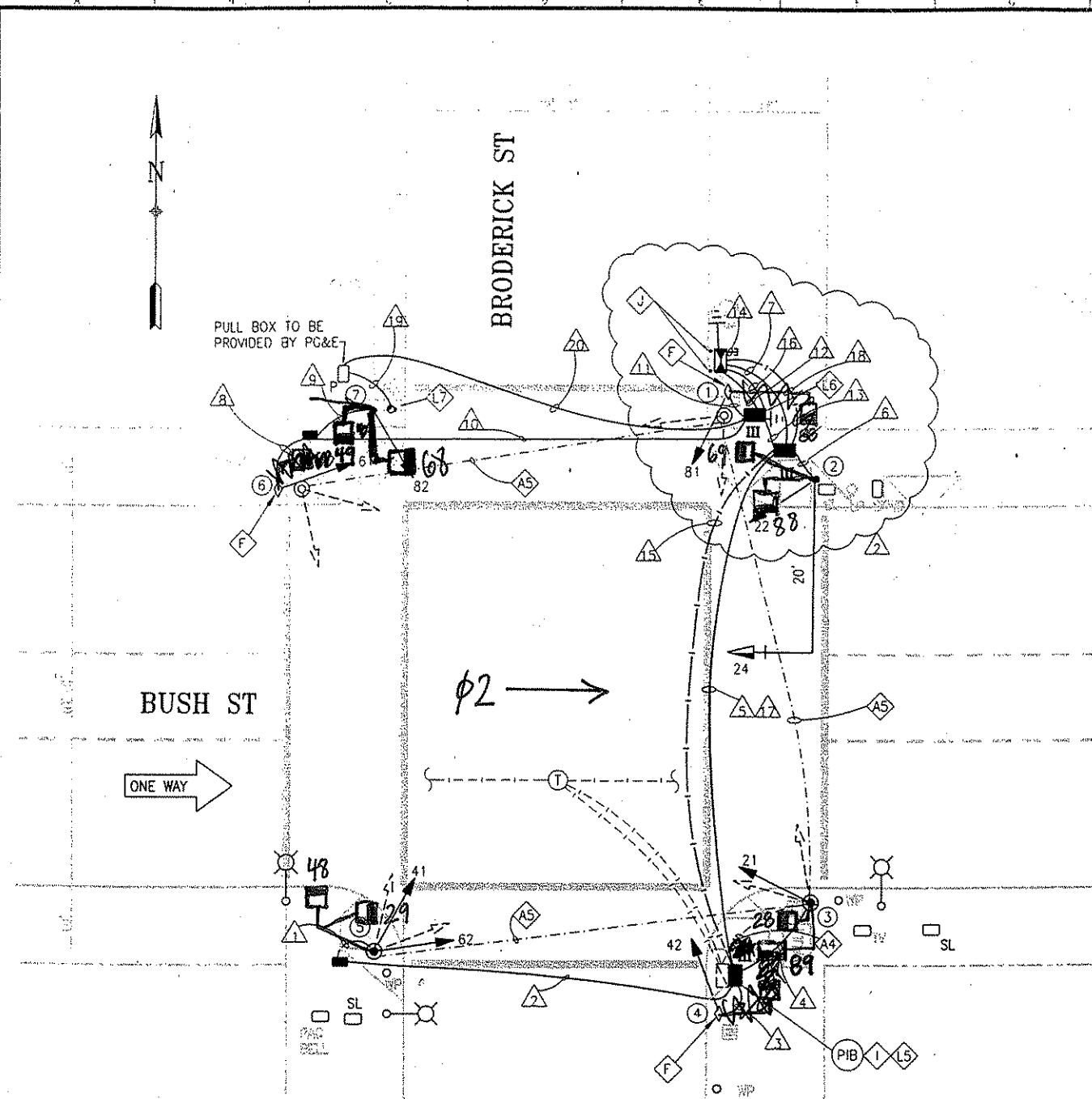
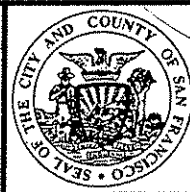




NOTE:
THIS AUTOCAD DRAWING HAS BEEN REVISED AND REPLOTED SUBSEQUENT TO INTERNAL ENGINEERING APPROVAL AND SIGN-OFF. FOR THOSE SIGNATURES, SEE THE DRAWING PLOTTED AND ISSUED PREVIOUSLY DURING BIDDING. THE SIGNED DRAWING REMAINS VALID EXCEPT FOR THE CHANGES ONLY AS CLEARLY MARKED ON THIS DRAWING AND ISSUED 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 ALL ISSUED REVISIONS SUBSEQUENT TO PREVIOUSLY PLOTTED DRAWING DURING BIDDING REMAIN VALID UNLESS SUPERSEDED BY LATER ISSUED REVISIONS.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.

● = Conceptual Design
● = Walk Through Comments (11-10-04)

REFERENCE INFORMATION & FILE NO. OF SURVEYS			
NO.	DATE	DESCRIPTION	BY APP.
12/02	PCO-3: VARIOUS	TP	BC
10/02	PCO-1: NEW SERVICE	TP	BC
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/TP3/02	SECTION MANAGER DATE:
DRAWN: DATE:	DIVISION MANAGER DATE:
JN/RT 3/02	CITY ENGINEER DATE:
CHECKED: DATE:	
DSB/STL 3/02	

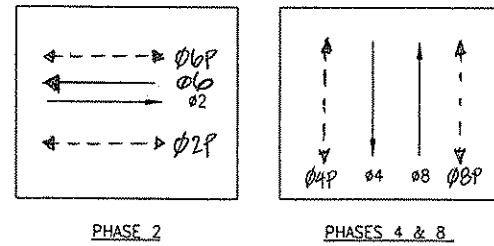
SCALE:
1" = 10'
SHEET OF SHEETS
13 OF 73

BUSH STREET TRAFFIC SIGNAL UPGRADE
BUSH ST AND BRODERICK ST

SPECIFICATION NO.
0286J
DRAWING NO.
E-4.0
FILE NO.
78205
REV. NO.
2

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		81	JS8"	SV-1-T	T				EXTERNAL CONDUIT SEE 1 E-0.4
2	16-1-70 20' MASTARM		24 22	JS12" JS8"	MAS SV-1-T	T T		69 80	" SP-1(22") SP-1-SF(12")	BACKPLATE
3	1-A (10')		21	JS8"	TV-1	T		28 83	" SP-1 SP-1	
4	EX. MUNI		42	JS8"	SV-1-T	T				EXTERNAL CONDUIT SEE 1 E-0.4
5	1-A (10')		41 62	JS8" JS8"	TV-2-T-SF	T T		29 48	" SP-1-SF(12") SP-1(22")	
6	EX. MUNI		61	JS8"	SV-1-T	T		68	" SP-1	EXTERNAL CONDUIT SEE 1 E-0.4
7	1-A (10')		82	JS8"	TV-1	T		49 60	" SP-1(22") SP-1-SF(12")	

PHASE DIAGRAM: PHASE SEQUENCE: PED SIGNALS ACTIVATED ON 10/5/06



G	Y	R	BUSH ST.
R	G	Y R	BRODERICK ST
TURN ON 2-18-04 @ 9:14 AM (3 COLOR)			
FRH	RH	PED XING BRODERICK	
RH	FRH RH	PED XING BUSH	

DETAIL NOTES:

- 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.
- F SIGNALS SHALL USE NEW EXTERNAL CONDUIT. SURFACE MOUNTED CONDUIT SHALL BE INSTALLED ON THE SIDE OPPOSITE THE ROADWAY OR INTERSECTION.
- I EXTEND 12/C INTERCONNECT TO NEW IC LOCATION. SPLICE TO EX 12/C TO MAINTAIN INTERCONNECT SYSTEM.
- J F/I GUARD POST PER SPDPSF FILE #LA-021. EXCEPT GUARD POST SHALL BE 6" N.D.
- 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.