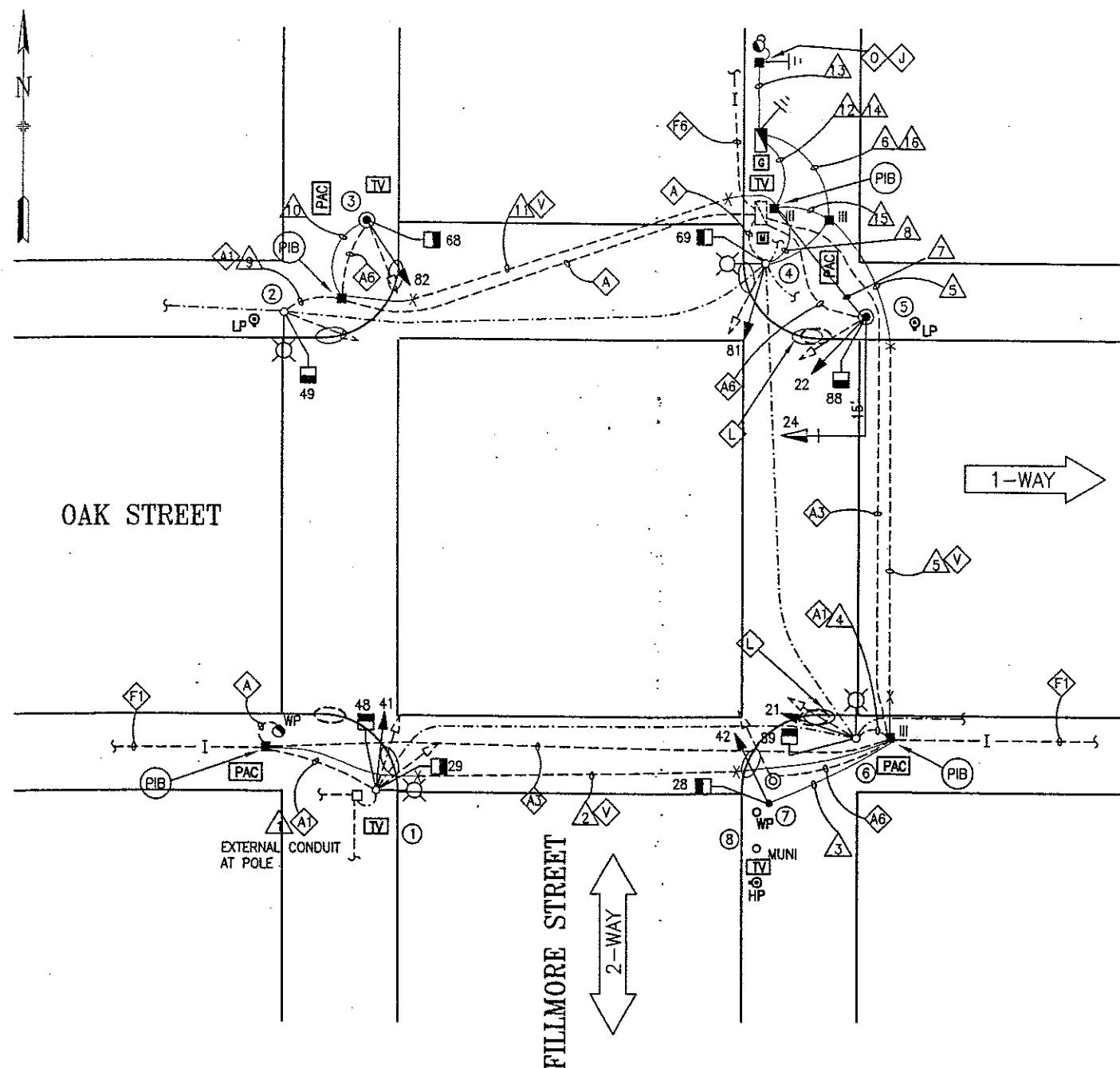
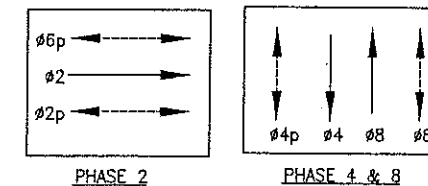




PHASE DIAGRAM



PHASE SEQUENCE

G	Y	R
R	G	Y
WM	FRH	RH
RH	WM	FRH

OAK STREET
FILLMORE STREET
PED XING FILLMORE
PED XING OAK

SHEET NOTES:

- ADDITIONAL PULLBOXES, CONDUIT AND 12/C TO BE FURNISHED AND INSTALLED AT THIS INTERSECTION ARE SHOWN ON DWG. E-43.1.

DETAIL NOTES:

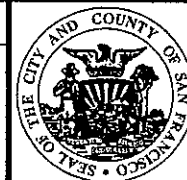
- A EX CONDUIT AND WIRING. R/C EX WIRING. CUT CONDUIT FLUSH TO PULL BOX WALL OR 12" DEPTH, CAP CONDUIT END(S).
- A1 EX CONDUIT AND WIRING. R/C EX WIRING. F/I NEW WIRING AS NOTED.
- A3 EX CONDUIT AND WIRING. R/C EX TS WIRING, EX SERVICE WIRES AND 12/C. CUT CONDUIT FLUSH TO PULL BOX WALL OR 12" DEPTH, CAP CONDUIT END(S).
- A6 EX CONDUIT AND WIRING. R/C EX CONDUIT AND WIRING. REPAIR SIDEWALK TO MATCH EX.
- F1 EX CONDUIT AND 12/C, R/C EX 12/C, CUT CONDUIT FLUSH TO PULL BOX WALL OR 12" DEPTH, CAP CONDUIT END(S). FOR CONTINUOUS DISTANCE BETWEEN PULL BOXES, SEE DWG. E-43.1.
- F6 EX CONDUIT AND 12/C, R/C EX 12/C, CUT CONDUIT FLUSH TO PULL BOX WALL OR 12" DEPTH, CAP CONDUIT END(S). FOR CONTINUOUS DISTANCE BETWEEN THE CONTROLLERS FROM OAK STREET TO FELL STREET, SEE DWG. E-43.1.
- J F/I IN-LINE FUSE HOLDER W/40A FUSE FOR IC SERVICE. SPLICE NEW WIRES TO EX PG&E SERVICE TO SUPPORT NEW IC.
- L R/C EX CURB RAMP. RESTORE CURB & SIDEWALK TO MATCH EX GRADE.
- O CONTRACTOR SHALL INSTALL 90 DEGREE SWEEP FROM PULL BOX TO STUB UP ON PG&E POLE, SHALL VERIFY WITH PG&E QUADRANT FOR STUB UP PRIOR TO INSTALLATION, AND SHALL COORDINATE WITH PG&E TO MAKE SERVICE CONNECTIONS.
- V EX EMPTY CONDUIT AND CAPPED AT THE CURB WITH "T" MARK OR CAPPED IN EX PULL BOX. EXTEND EX CONDUIT TO NEW PULL BOX AND F/I WIRING AS SHOWN.

AS BUILT DRAWING

APPROVAL SIGNATURES ON ORIGINAL CONTRACT DRAWINGS.

NO.	DATE	DESCRIPTION	BY	APP.
6/03	AS-BUILT		DW	SL
3/01	CHANGE ORDER #3 HOME RUN		JP	SL
3/01	CHANGE ORDER #2		SL	SL
2/00	ISSUED FOR BID		JM	NKS

REFERENCE INFORMATION
& FILE NO. OF SURVEYS



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



DESIGNED: DATE: 2/00
JM/DVS
DRAWN: DATE: 2/00
JS
CHECKED: DATE: 2/00
NKS

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

SCALE:
1" = 10 feet
SHEET OF SHEETS
30 OF 89

OAK AND FELL STREETS	SPECIFICATION NO. 1660N
TRAFFIC SIGNAL UPGRADE	DRAWING NO. E-15.0
FILLMORE AND OAK STREETS	FILE NO. 74171
	REV. NO. 1

EXTERNAL REFERENCES: 1034622.dwg
FORMS LIST: 1034622.dwg
SCALE FACTOR: 120
PRINT SCALE: 1"=1'
ORIGINAL ELECTRICAL

[illegible][illegible]

M F/1 20" NIPPLES EXTENSION FOR THE PEDESTRIAN SIGNAL.
Q R/S EX TS POLE.
V EX EMPTY CONDUIT AND CAPPED AT THE CURB WITH 'T' MARK
OR CAPPED IN EX PULL BOX. EXTEND EX CONDUIT TO NEW
PULL BOX AND F/1 WIRING AS SHOWN.

	6/03	AS-BUILT	DW	SL
△	5/01	CHANGE ORDER #3 MSF-- HOMERUN	JP	SL
△	2/00	ISSUED FOR BID	JM	NKS
NO.	DATE	DESCRIPTION	BY	APP
TABLE OF REVISIONS CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION				



SCALE:	NONE
SHEET OF SHEETS	31 OF 89

SCALE:	NONE
SHEET OF SHEETS	31 OF 89

SPECIFICATION NO.	1660N
DRAWING NO.	E-15.1
FILE NO.	74172
REV. NO.	0

EXTERNAL REFERENCES: D:\dwgs\QAK-TRAFFIC\Tb34x22.dwg
 FONTS USED: ROMAND.SHX ROMANS.shx ROMANS.SHX ROMANT.txt

SCALE FACTOR: 1
PLOT SCALE: 1 in 1

TECHNICAL

DATE: Sep 14 1998 10:40