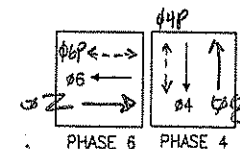


## PHASE DIAGRAM



## PHASE SEQUENCE

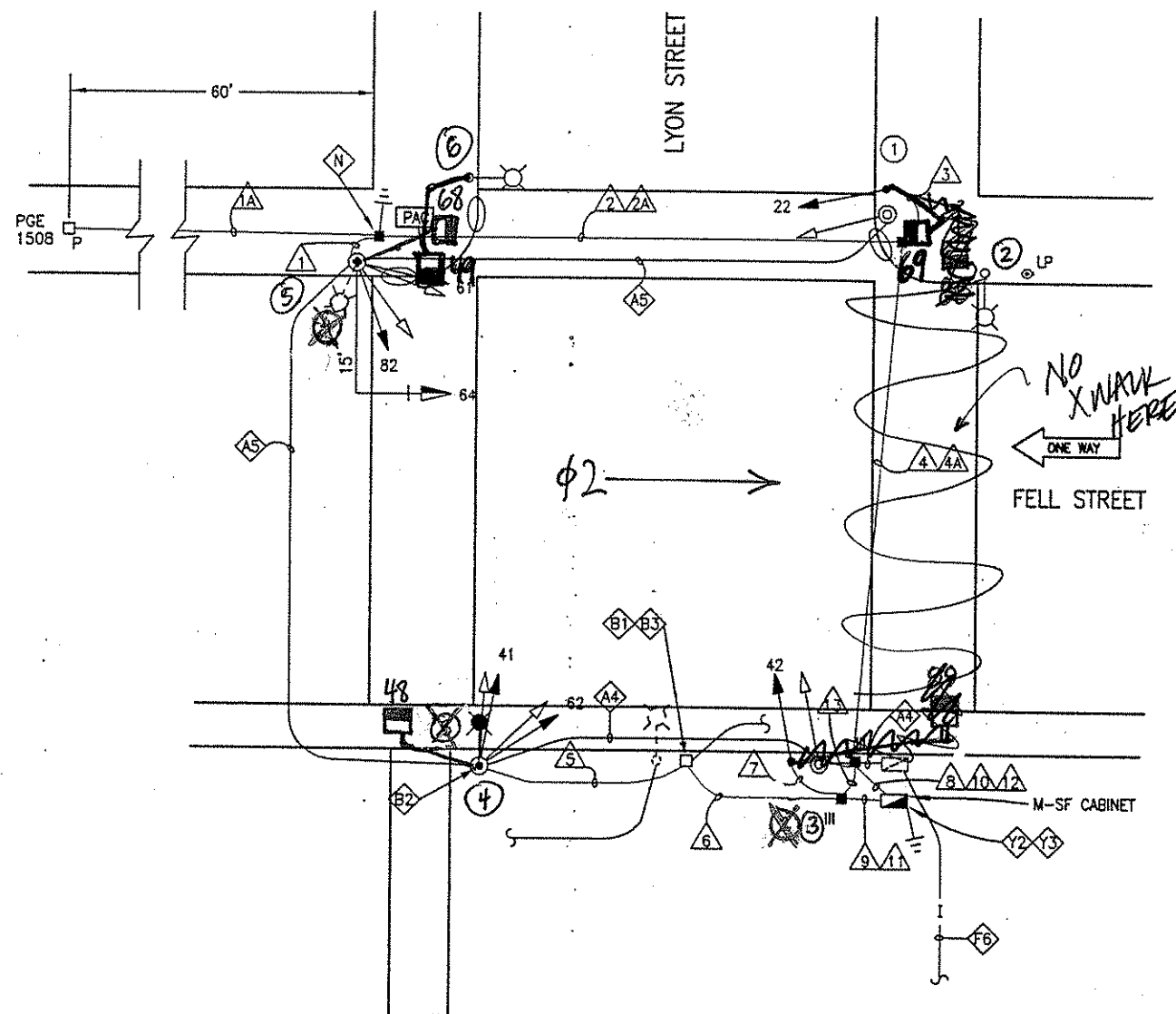
|    |     |    |           |
|----|-----|----|-----------|
| G  | Y   | R  | FELL ST.  |
| R  | G   | Y  | LYON ST.  |
| RH | FLH | RH | XING LYON |
| RH | FLH | RH | XING FELL |

## SHEET NOTES:

- ADDITIONAL PULL BOXES, CONDUIT AND 12/C TO BE FURNISHED AND INSTALLED AT THIS INTERSECTION ARE SHOWN ON DWG. E-43.1.
- ON SOUTHEAST CORNER, TEMPORARILY BACK FILL TRENCH AND COORDINATE WITH TERRY WEBSTER OF DPW CEMENT SHOP AT 692-2648 TO CONSTRUCT CURB RAMP.
- CONTRACTOR SHALL VERIFY THE VOLTAGE OF EACH EXISTING STREET LIGHT LUMINAIRE SO THE NEW STREET LIGHT LUMINAIRE REPLACING THE OLD LUMINAIRE SHALL HAVE THE SAME VOLTAGE.

## DETAIL NOTES:

- 44 EX CONDUIT AND WIRING. R/C EX WIRING AND CONDUIT. REPAIR SIDEWALK TO MATCH EX.
- 45 EX CONDUIT AND WIRING. R/C EX WIRING. CUT CONDUIT FLUSH TO PULL BOX WALL OR 12" DEPTH, CAP OR DUCT SEAL END(S).
- 61 SPLICE NEW WIRING TO EX SL WIRING TO ACTIVATE NEW SL CIRCUIT.
- 62 F/I WITH INTEGRAL BALLAST AND PHOTOELECTRIC CONTROL. F/I FUSE AND FUSE HOLDERS PER SFPWSP #49,092.
- 63 CONTRACTOR SHALL PROTECT EX SL CONDUIT AND WIRING TO MAINTAIN EX SL SYSTEM.
- E2 PULL BOX IN UNPAVED AREA. SEE SFPWSP #49,093 CH. 1.
- F6 EX CONDUIT AND 12/C. R/C EX 12/C. CUT CONDUIT FLUSH TO PULL BOX WALL OR 12" DEPTH, CAP OR DUCT SEAL END(S). FOR CONTINUOUS DISTANCE BETWEEN THE CONTROLLERS FROM OAK STREET TO FELL STREET, SEE DWG. E-43.1.
- N F/I IN-LINE FUSE HOLDER W/40A FUSE FOR IC SERVICE. F/I GROUND ROD.
- Y2 EXCAVATE DIRT TO STREET LEVEL WITH AN AREA OF 4' X 4'. CONSTRUCT FOUNDATION ON CONCRETE PAD 3' X 3' X 6" DEEP. THE IC DOOR SHALL BE OPEN TO FELL STREET. EXCAVATION AND CONSTRUCTION OF CONCRETE PAD SHALL BE PAID AS INCIDENTAL WORK.
- Y3 CONSTRUCT A RETAINING WALL FOR NEW IC. SEE SFPWSP LA-007 FOR DETAIL.



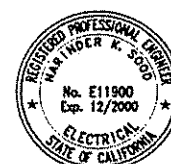
Ped Signs Activated on 1/24/06

| NO.  | DATE | DESCRIPTION                 | BY | APP. |
|------|------|-----------------------------|----|------|
| 5/01 | 6/03 | AS-BUILT                    | DW | SL   |
| 4/01 | 5/01 | CHANGE ORDER #3 MSF-HOMERUN | JP | SL   |
| 3/01 | 4/01 | CHANGE ORDER #3             | JE | SL   |
| 2/00 | 3/01 | ISSUED FOR BID              | EF | NKS  |

REFERENCE INFORMATION  
& FILE NO. OF SURVEYS



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



|                 |                        |
|-----------------|------------------------|
| DESIGNED: DATE: | APPROVED               |
| DVS/MJ 02/00    | SECTION MANAGER DATE:  |
| DRAWN: DATE:    | DIVISION MANAGER DATE: |
| MJ 02/00        | CITY ENGINEER DATE:    |
| CHECKED: DATE:  |                        |
| NKS 02/00       |                        |

|                 |
|-----------------|
| SCALE:          |
| 1"=10'          |
| SHEET OF SHEETS |
| 70 OF 89        |

OAK AND FELL STREETS  
TRAFFIC SIGNAL UPGRADE  
LYON AND FELL STREETS

|                   |
|-------------------|
| SPECIFICATION NO. |
| 1660N             |
| DRAWING NO.       |
| E-35.0            |
| FILE NO.          |
| 74211             |
| REV. NO.          |
| 0                 |

EXTERNAL REFERENCES: XREFS  
FONTS USED: FONTS

SCALE FACTOR: XX  
PLOT SCALE: 1=1

ORIGIN: ELECTRICAL

FILE NAME: E-35.0  
DATE: --/--

