



A vertical scale with numbers 1 through 9. Horizontal tick marks are positioned to the left of each number.

1  
2  
3  
4  
5

B2

P

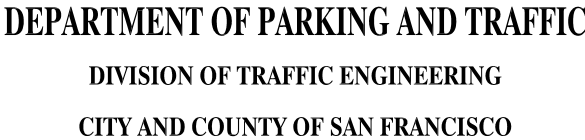
Q1

Q3

S

COORDINATE WITH PG&E

| REFERENCE INFORMATION<br>& FILE NO. OF SURVEYS |
|------------------------------------------------|
|                                                |



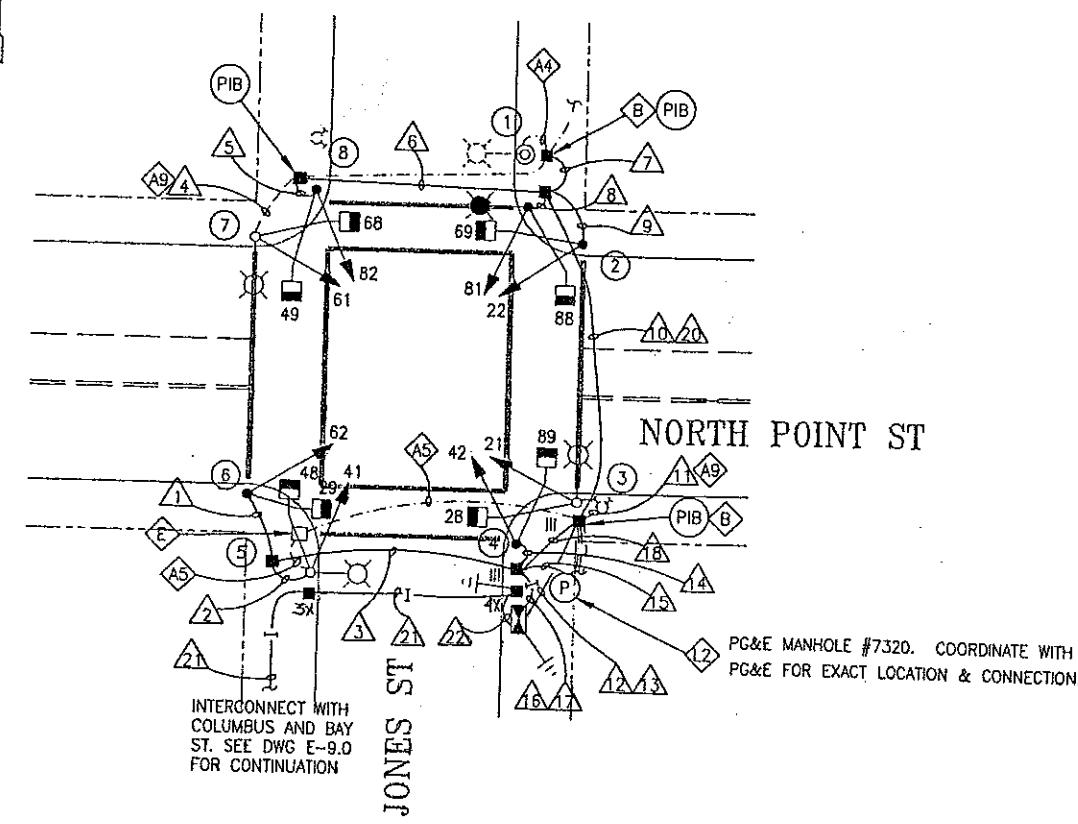
|                 |       |
|-----------------|-------|
| APPROVED        |       |
|                 |       |
| SECTION MANAGER | DATE: |
|                 |       |
| CITY ENGINEER   | DATE: |

|                                       |
|---------------------------------------|
| CONTRACT 52-53<br>NEW TRAFFIC SIGNAL  |
| JONES ST & NORTH POINT ST<br>SCHEDULE |

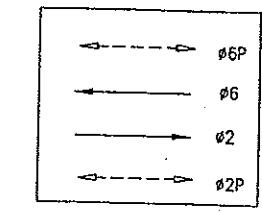
|                   |
|-------------------|
| SPECIFICATION NO. |
| 0088J             |
| DRAWING NO.       |
| E-2.1             |
| FILE NO.          |
| 75,964            |
| REV. NO.          |
| 1                 |

SWITCHED OVER ON 8/27/2002

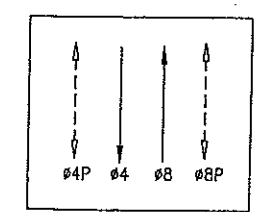
FLASH 8/27/2002 @ 915  
3-COLOR 8/27/02 @ 924 (TEST)  
3-COLOR 8/28/02 @ 924 (TERM)



PHASE DIAGRAM:



PHASES 2 & 6



PHASES 4 & 8

PHASE SEQUENCE:

|    |     |     |                             |
|----|-----|-----|-----------------------------|
| G  | Y   | R   | NORTH POINT STREET          |
| R  | G   | Y   | JONES STREET                |
| RH | WM  | FRH | PED XING NORTH POINT STREET |
| WM | FRH | RH  | PED XING JONES STREET       |

DETAIL NOTES:

- A4 EX CONDUIT AND WIRING. 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 OR DUCT SEAL ENDS.
- A9 EX CONDUIT & WIRING, EX SL WIRING TO REMAIN. F/I NEW WIRING AS NOTED.
- B SPLICE NEW WIRING TO EXISTING SL WIRING TO MAINTAIN SL CIRCUIT.
- E R/C EX PULL BOX. REPAIR SIDEWALK TO MATCH EX.
- 12 F/I IN-LINE FUSE HOLDER W/40A FUSE FOR IC SERVICE. F/I NEW WIRING AS NOTED. F/I GROUND ROD.

|                                                       |  |                                             |  |                                                                                         |  |                                                                                                       |  |                                                                                                            |  |                                            |  |                                                                   |  |                                                                               |  |
|-------------------------------------------------------|--|---------------------------------------------|--|-----------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------|--|--------------------------------------------|--|-------------------------------------------------------------------|--|-------------------------------------------------------------------------------|--|
| TABLE OF REVISIONS                                    |  | REFERENCE INFORMATION & FILE NO. OF SURVEYS |  | BUREAU OF ENGINEERING<br>DEPARTMENT OF PUBLIC WORKS<br>CITY AND COUNTY OF SAN FRANCISCO |  | DESIGNED: DATE: 4/01<br>TP/BD 4/01<br>DRAWN: DATE: 4/01<br>JE 4/01<br>CHECKED: DATE: 4/01<br>STL 4/01 |  | APPROVED<br>SECTION MANAGER DATE: 4/23/01<br>DIVISION MANAGER DATE: 4/23/01<br>CITY ENGINEER DATE: 4/24/01 |  | SCALE: 1" = 20'<br>SHEET OF SHEETS 9 OF 32 |  | CONTRACT 52-53<br>NEW TRAFFIC SIGNAL<br>JONES ST & NORTH POINT ST |  | SPECIFICATION NO. 0088J<br>DRAWING NO. E-2.0<br>FILE NO. 75,963<br>REV. NO. 0 |  |
| CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION |  |                                             |  |                                                                                         |  |                                                                                                       |  |                                                                                                            |  |                                            |  |                                                                   |  | FILE NAME: 0088J-E-02.0.dwg<br>DATE: Jan 31 2001 13:54                        |  |

EXTERNAL REFERENCES: 1634422.dwg  
FONTS USED: ROMANS.SHX ROMANS.SHX ROMANS.SHX  
SCALE FACTOR: 240  
PLOT SCALE: 1" = 1'

| CONDUIT AND WIRING SCHEDULE |                     |    |   |    |   |   |    |   |   |    |    |    |    |    |     |    |    |    |          |    |    |    |    |    |  |
|-----------------------------|---------------------|----|---|----|---|---|----|---|---|----|----|----|----|----|-----|----|----|----|----------|----|----|----|----|----|--|
| 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 |  |
| CONDUIT SIZE (INCH)         | 2                   |    | 2 |    | 2 | 2 | 2  | 2 | 2 | 2  |    | 3  | 2  | 2  | 1.5 | 3  | 2  | 2  |          | 2  | 2  | 2  |    |    |  |
| NOTES                       |                     | EX |   | EX |   |   |    |   |   |    | EX | P  | P  |    | S   | P  | P  | P  | NOT USED |    | Q1 | Q3 |    |    |  |
| WIRING (F/I)                | #14 WIRES           |    |   |    |   |   |    |   |   |    |    |    |    |    |     |    |    |    |          |    |    |    |    |    |  |
|                             | SIGNAL 62           | 3  |   | 3  |   |   |    |   |   |    |    |    |    |    |     | 3  |    |    |          |    |    |    |    |    |  |
|                             | SIGNAL 29           | 2  |   | 2  |   |   |    |   |   |    |    |    |    |    |     | 2  |    |    |          |    |    |    |    |    |  |
|                             | SIGNAL 41           |    | 3 | 3  |   |   |    |   |   |    |    |    |    |    |     | 3  |    |    |          |    |    |    |    |    |  |
|                             | SIGNAL 48           |    | 2 | 2  |   |   |    |   |   |    |    |    |    |    |     | 2  |    |    |          |    |    |    |    |    |  |
|                             | SIGNAL 61           |    |   |    | 3 |   | 3  |   |   |    |    | 3  |    |    |     |    |    |    |          |    | 3  |    |    |    |  |
|                             | SIGNAL 68           |    |   | 2  |   | 2 |    |   |   |    |    | 2  |    |    |     |    |    |    |          | 2  |    |    |    |    |  |
|                             | SIGNAL 82           |    |   |    |   | 3 | 3  |   |   |    |    | 3  |    |    |     |    |    |    |          |    | 3  |    |    |    |  |
|                             | SIGNAL 49           |    |   |    |   | 2 | 2  |   |   |    |    | 2  |    |    |     |    |    |    |          |    | 2  |    |    |    |  |
|                             | SIGNAL 81           |    |   |    |   |   |    |   | 3 |    | 3  |    | 3  |    |     |    |    |    |          |    |    |    |    |    |  |
|                             | SIGNAL 88           |    |   |    |   |   |    | 2 |   |    | 2  |    | 2  |    |     |    |    |    |          |    |    |    |    |    |  |
|                             | SIGNAL 22           |    |   |    |   |   |    |   |   | 3  | 3  |    | 3  |    |     |    |    |    |          |    |    |    |    |    |  |
|                             | SIGNAL 69           |    |   |    |   |   |    |   |   | 2  | 2  |    | 2  |    |     |    |    |    |          |    |    |    |    |    |  |
|                             | SIGNAL 21           |    |   |    |   |   |    |   |   |    |    | 3  | 3  |    |     |    |    |    |          |    |    |    |    |    |  |
|                             | SIGNAL 28           |    |   |    |   |   |    |   |   |    |    | 2  | 2  |    |     |    |    |    |          |    |    |    |    |    |  |
|                             | SIGNAL 42           |    |   |    |   |   |    |   |   |    |    |    |    |    | 3   |    | 3  |    |          |    |    |    |    |    |  |
|                             | SIGNAL 89           |    |   |    |   |   |    |   |   |    |    |    |    |    | 2   |    | 2  |    |          |    |    |    |    |    |  |
|                             |                     |    |   |    |   |   |    |   |   |    |    |    |    |    |     |    |    |    |          |    |    |    |    |    |  |
|                             |                     |    |   |    |   |   |    |   |   |    |    |    |    |    |     |    |    |    |          |    |    |    |    |    |  |
|                             |                     |    |   |    |   |   |    |   |   |    |    |    |    |    |     |    |    |    |          |    |    |    |    |    |  |
|                             |                     |    |   |    |   |   |    |   |   |    |    |    |    |    |     |    |    |    |          |    |    |    |    |    |  |
|                             |                     |    |   |    |   |   |    |   |   |    |    |    |    |    |     |    |    |    |          |    |    |    |    |    |  |
|                             | #14 WIRES (NEUTRAL) | 2  | 2 |    | 2 | 2 |    |   | 2 | 2  |    | 2  |    |    | 2   |    |    |    |          |    |    |    |    |    |  |
|                             | #14 WIRES (SPARE)   |    |   | 3  |   |   | 3  |   |   |    | 3  |    | 3  |    |     |    |    |    |          |    |    |    |    |    |  |
|                             | TOTAL #14 WIRES     | 7  | 7 | 13 | 7 | 7 | 13 |   | 7 | 7  | 13 | 7  | 28 |    | 7   |    | 15 |    |          |    | 10 |    |    |    |  |
|                             | #10 WIRES (NEUTRAL) |    |   | 1  |   |   | 1  |   |   |    | 1  |    | 3  |    |     |    | 2  |    |          |    |    | 1  |    |    |  |
| #8 WIRES (120V SERVICE)     |                     |    |   |    |   |   |    |   |   |    |    |    |    |    | 2   |    | 2  |    |          |    |    |    |    |    |  |
| #8 WIRES STREET LIGHT       |                     |    | 2 |    |   |   | 2  | 2 |   |    |    |    |    |    |     |    |    | 2  |          |    |    |    |    |    |  |
| #10 WIRES STREET LIGHT      |                     | 2  |   |    |   |   |    |   |   |    |    |    |    |    |     |    |    |    |          |    |    |    |    |    |  |
| DLW                         |                     |    |   |    |   |   |    |   |   |    |    |    |    |    |     |    |    |    |          |    |    |    |    |    |  |
| DLC                         |                     |    |   |    |   |   |    |   |   |    |    |    |    |    |     |    |    |    |          |    |    |    |    |    |  |
| 1/4" PULL ROPE              |                     |    | 1 |    |   | 1 |    |   |   | 1  |    |    | 1  |    |     |    |    | 1  |          | 1  |    |    |    |    |  |
| 12 CONDUCTOR CABLE          |                     |    |   |    |   |   |    |   |   |    |    |    |    |    |     |    |    |    |          |    | 1  | 1  |    |    |  |
| #6 BSCW                     |                     |    |   |    |   |   |    |   |   |    |    |    |    |    | 1   |    | 1  |    |          |    |    |    |    |    |  |
| #10 GREEN SCGW              |                     |    |   |    |   |   |    |   |   |    |    |    |    |    |     |    |    |    |          |    |    | 1  | 1  |    |  |

| POLE AND EQUIPMENT SCHEDULE |                               |                                     |                |      |          |        |                   |     |       |          |
|-----------------------------|-------------------------------|-------------------------------------|----------------|------|----------|--------|-------------------|-----|-------|----------|
| POLE No.                    | TYPE OF POLE                  | LUMINAIRE (HPS)<br>VOTAGE/<br>WATTS | VEHICLE SIGNAL |      |          |        | PEDESTRIAN SIGNAL |     |       | REMARKS  |
|                             |                               |                                     | No.            | TYPE | MOUNTING | VISORS | LOUVERS           | No. | TYPE  | MOUNTING |
| ①                           | CITY STANDARD STREET LIGHT B2 | 120/240V 150W                       | 81             | 3S8" | SV-1-T   | TUNNEL |                   | 88  | 1S-IN | SP-1     |
| ②                           | 1 - A (10')                   |                                     | 22             | 3S8" | TV-1     | TUNNEL |                   | 69  | 1S-IN | SP-1     |
| ③                           | EX SL                         |                                     | 21             | 3S8" | SV-1-T   | TUNNEL |                   | 28  | 1S-IN | SP-1     |
| ④                           | 1 - A (10')                   |                                     | 42             | 3S8" | TV-1     | TUNNEL |                   | 89  | 1S-IN | SP-1     |
| ⑤                           | EX SL B2                      |                                     | 41             | 3S8" | SV-1-T   | TUNNEL |                   | 48  | 1S-IN | SP-1     |
| ⑥                           | 1 - A (10')                   |                                     | 62             | 3S8" | TV-1     | TUNNEL |                   | 29  | 1S-IN | SP-1     |
| ⑦                           | EX SL                         |                                     | 61             | 3S8" | SV-1-T   | TUNNEL |                   | 68  | 1S-IN | SP-1     |
| ⑧                           | 1 - A (10')                   |                                     | 82             | 3S8" | TV-1     | TUNNEL |                   | 49  | 1S-IN | SP-1     |

# DETAIL NOTES:

- B2 F/I WITH INTEGRAL BALLAST AND PHOTO ELECTRIC CONTROL. F/I FUSE AND FUSE HOLDERS PER SPOPSWF FILE 49,092.
- P F/I PVC CONDUIT SCHEDULE 80.
- Q1 F/I 2-2" POLYETHYLENE SCHEDULE 80 CONDUIT WITH 3/8" NYLON PULL TAPE IN EACH CONDUIT.
- Q3 F/I 2 - 2" PVC SCHEDULE 80 CONDUIT WITH 3/8" NYLON PULL TAPE IN EACH CONDUIT.
- S COORDINATE WITH PG&E

|                              |  |                                             |  |                                                                                                                                                                                     |  |                                                                                                             |  |                                                                           |  |                                         |  |                                                                               |  |                                                                               |  |
|------------------------------|--|---------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------|--|-----------------------------------------|--|-------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------|--|
| NO. DATE DESCRIPTION BY APP. |  | REFERENCE INFORMATION & FILE NO. OF SURVEYS |  |  <b>BUREAU OF ENGINEERING</b><br>DEPARTMENT OF PUBLIC WORKS<br>CITY AND COUNTY OF SAN FRANCISCO |  | DESIGNED: DATE: 4/01<br>TP/BD 4/01<br>DRAWN: DATE: 4/23/01<br>JE 4/01<br>CHECKED: DATE: 4/24/01<br>STL 4/01 |  | APPROVED: 4/23/01<br>SECTION MANAGER<br>DIVISION MANAGER<br>CITY ENGINEER |  | SCALE: NONE<br>SHEET OF SHEETS 10 OF 32 |  | CONTRACT 52-53<br>NEW TRAFFIC SIGNAL<br>JONES ST & NORTH POINT ST<br>SCHEDULE |  | SPECIFICATION NO. 0088J<br>DRAWING NO. E-2.1<br>FILE NO. 75,964<br>REV. NO. 0 |  |
|------------------------------|--|---------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------|--|-----------------------------------------|--|-------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------|--|