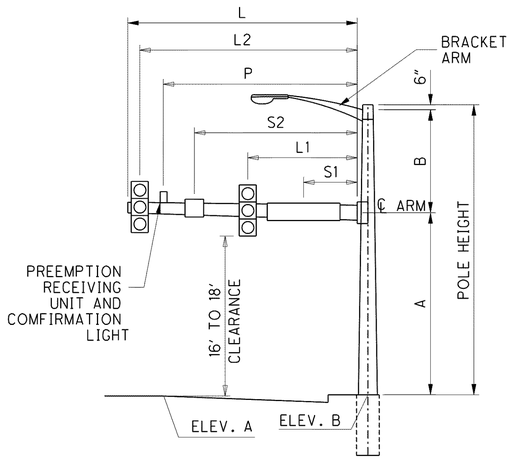
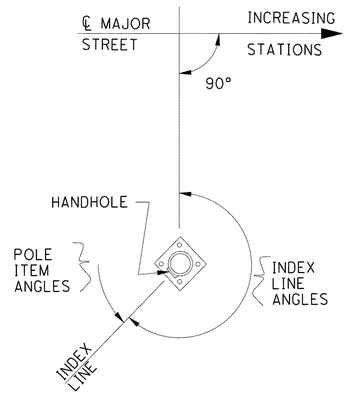
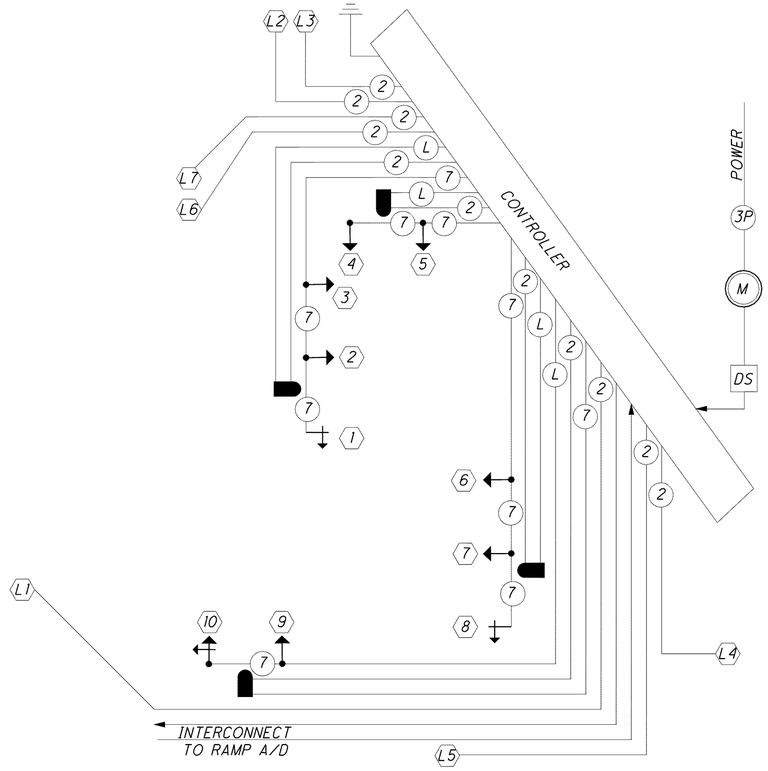



ELEVATION VIEW 1




NOTES:
1. ALL ANGLES ARE MEASURED CLOCKWISE.
2. THE INDEX LINE GOES THROUGH THE CENTER OF THE HANDHOLE.




**WIRING DIAGRAM**

**SIGNAL SUPPORT**

| FROM SHEET NO. | ELEVATION VIEW | SUPPORT NO. | SUPPORT DESIGN NO. | MAST ARM DESIGN NO. | POLE HEIGHT (FT.) | MOUNTING HT. A | MOUNTING HT. B | L (FT.) | S1 (FT.) | S2 (FT.) | L1 (FT.) | L2 (FT.) | L3 (FT.) | P (FT.) | | | ELEVATION A | ELEVATION B | MAST ARM A ORIENTATION ANGLE (DEGREES) | ORIENTATION ANGLES (DEG.) FROM MAST ARM A: PEDESTRIAN SIGNAL | PEDESTRIAN PUSHBUTTON | HANDHOLE | BRACKET ARM | WEATHERHEAD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SIGNAL SUPPORT TYPE TC-81.20 | | | | | | | | | | | | | | | | | | | | | | | | |
| 1173 | 1 | P3-1 | 12 | 12 | 23 | 21.5 | | 47 | 12 | 42 | 25 | 38 | 46 | 35 | | | 639.7 | 636.4 | 0 | | | 180 | | |
| 1173 | 1 | P3-2 | 1 | 1 | 20 | 18.5 | | 24 | 8 | | 15 | 23 | | 19 | | | 638.1 | 638.1 | 90 | | | 180 | | 180 |
| 1173 | 1 | P3-3 | 12 | 12 | 23 | 21.5 | | 47 | 12 | 42 | 22 | 34 | 46 | 29 | | | 637.7 | 636.7 | 0 | | | 180 | | |
| 1173 | 1 | P3-4 | 2 | 2 | 20 | 18.5 | | 31 | 9 | | 19 | 30 | | 25 | | | 638.1 | 638.7 | 90 | | | 180 | | |

WIRING DIAGRAM LEGEND

| | | | |
|---|---|---|---|
| DS | DISCONNECT SWITCH | ⏚ | GROUND ROD |
| M | ELECTRIC METER | 2 | 2/C #14 AWG. (LEAD-IN CABLE) |
| | VEHICULAR SIGNAL HEAD | 5 | 5/C #14 AWG. |
| | VEHICULAR SIGNAL HEAD W/ TURN ARROW | 7 | 7/C #14 AWG. |
| | PEDESTRIAN SIGNAL AND PUSHBUTTON | 2P | 2/C #14 AWG. (POWER) |
| | VIDEO DETECTION CAMERA | 3P | 3/C #4 AWG. (POWER) |
| | PREEMPTION CONFIRMATION LIGHT AND DETECTOR | L | PREEMPTION CABLE |
| | | V | VIDEO DETECTION CABLE |
| | | VP | VIDEO POWER CABLE |

# TRAFFIC SIGNAL WIRING DIAGRAM AND POLE DETAILS
## SOM CENTER RD/ CURTIS BLVD INTERSECTION

CALCULATED ---
CHECKED ---

LAK-2-3.32

1175
1679

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