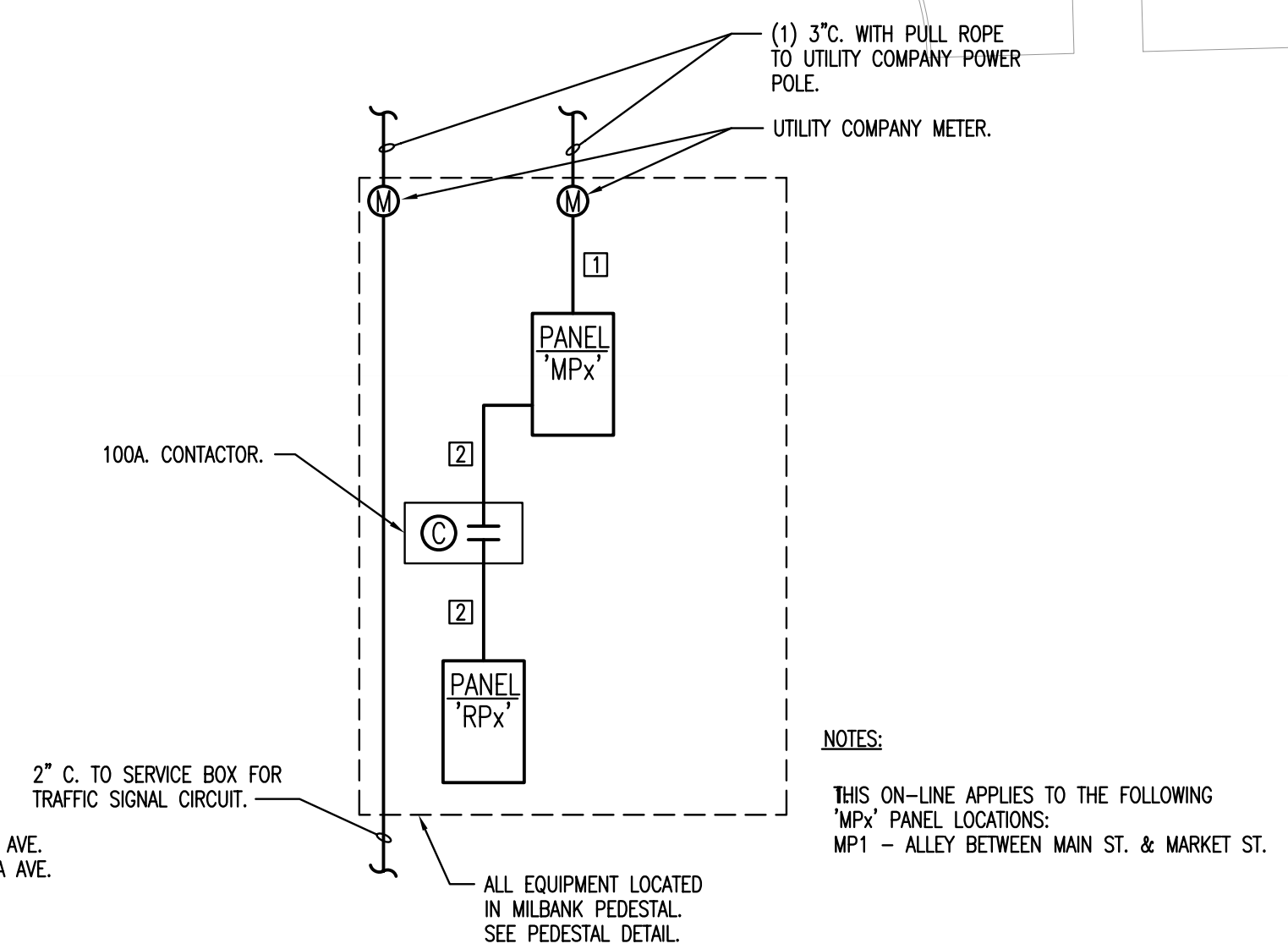
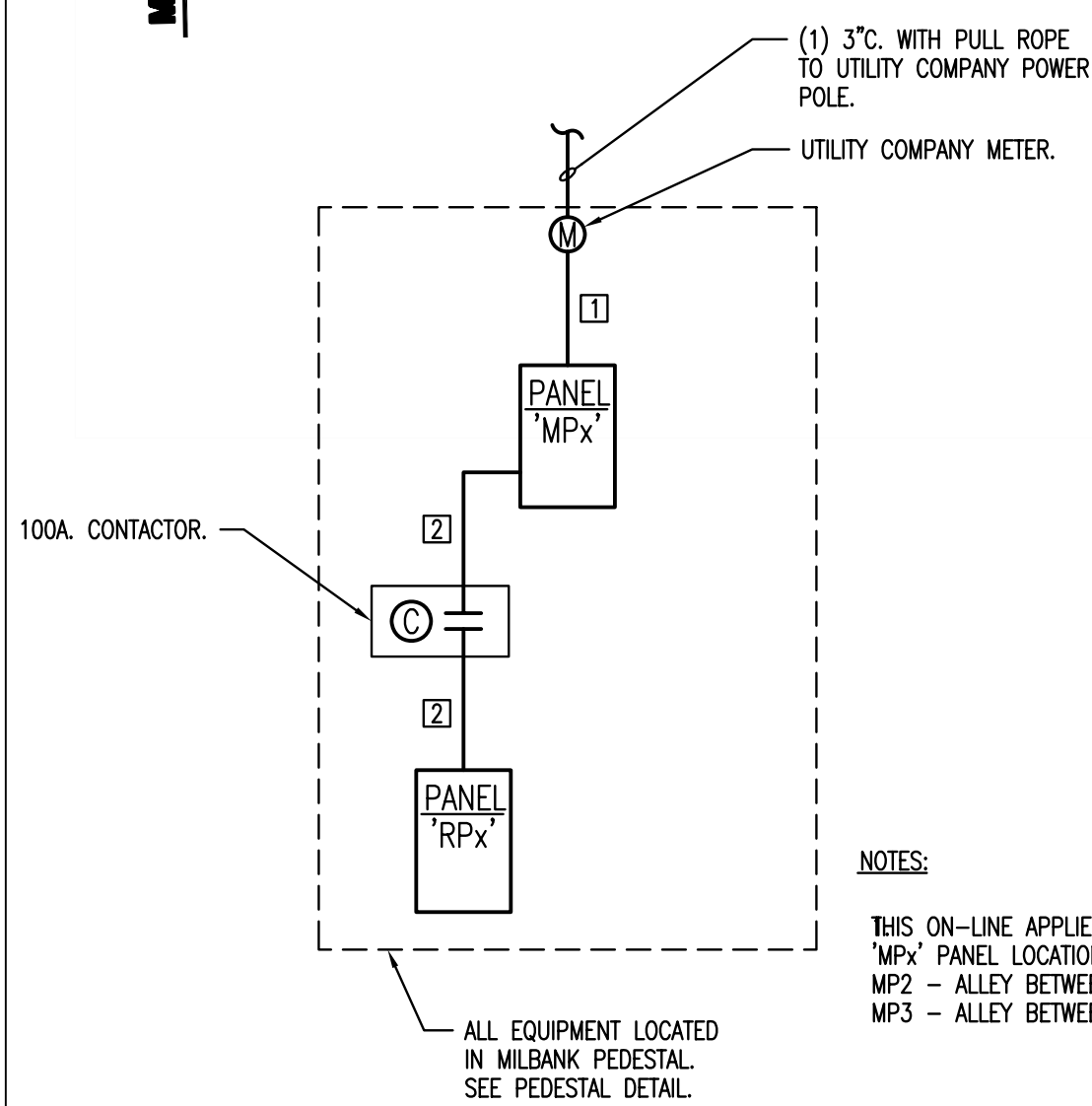


MATCHLINE SEE SHEET E6 FOR CONTINUATION.

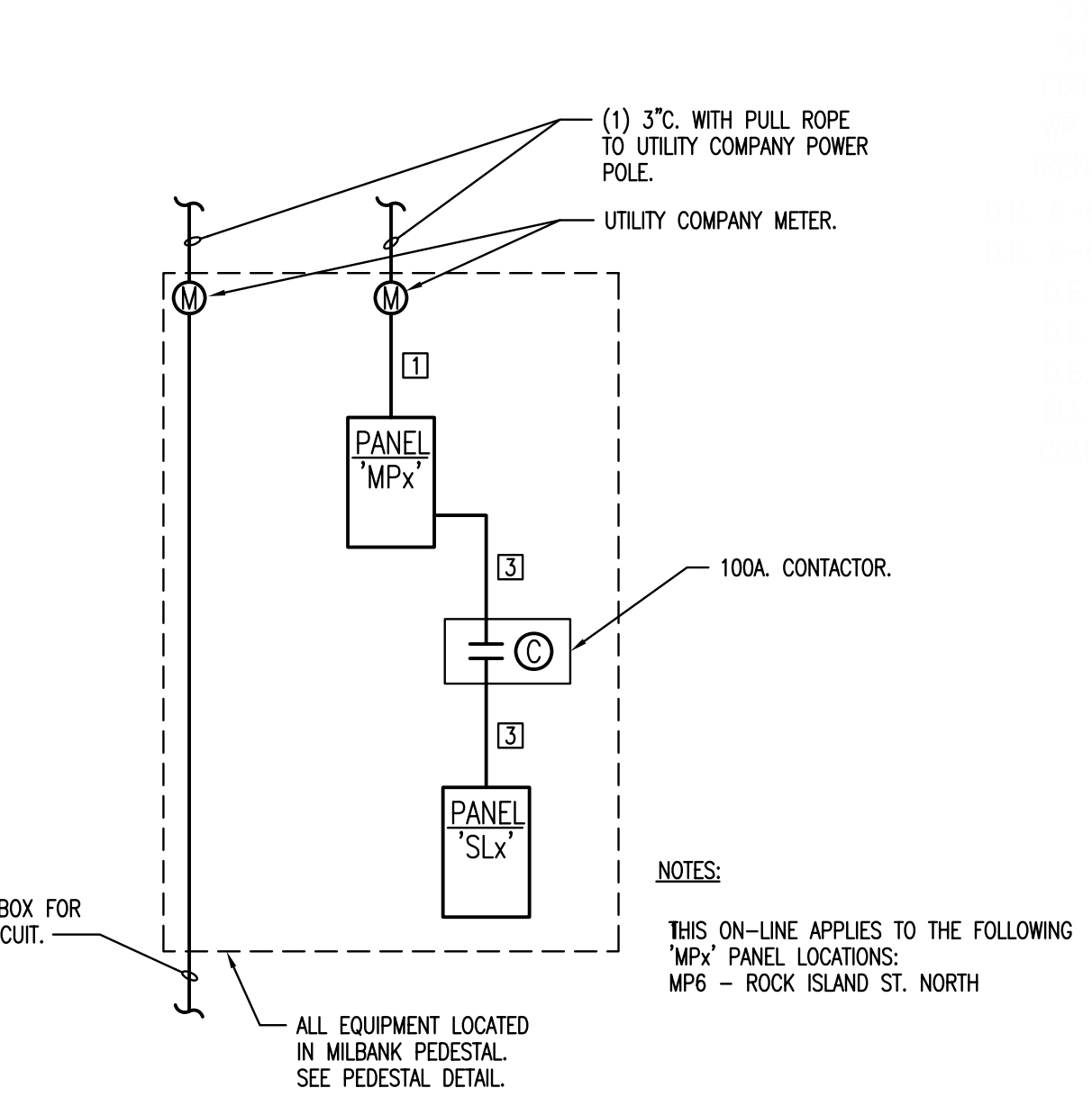
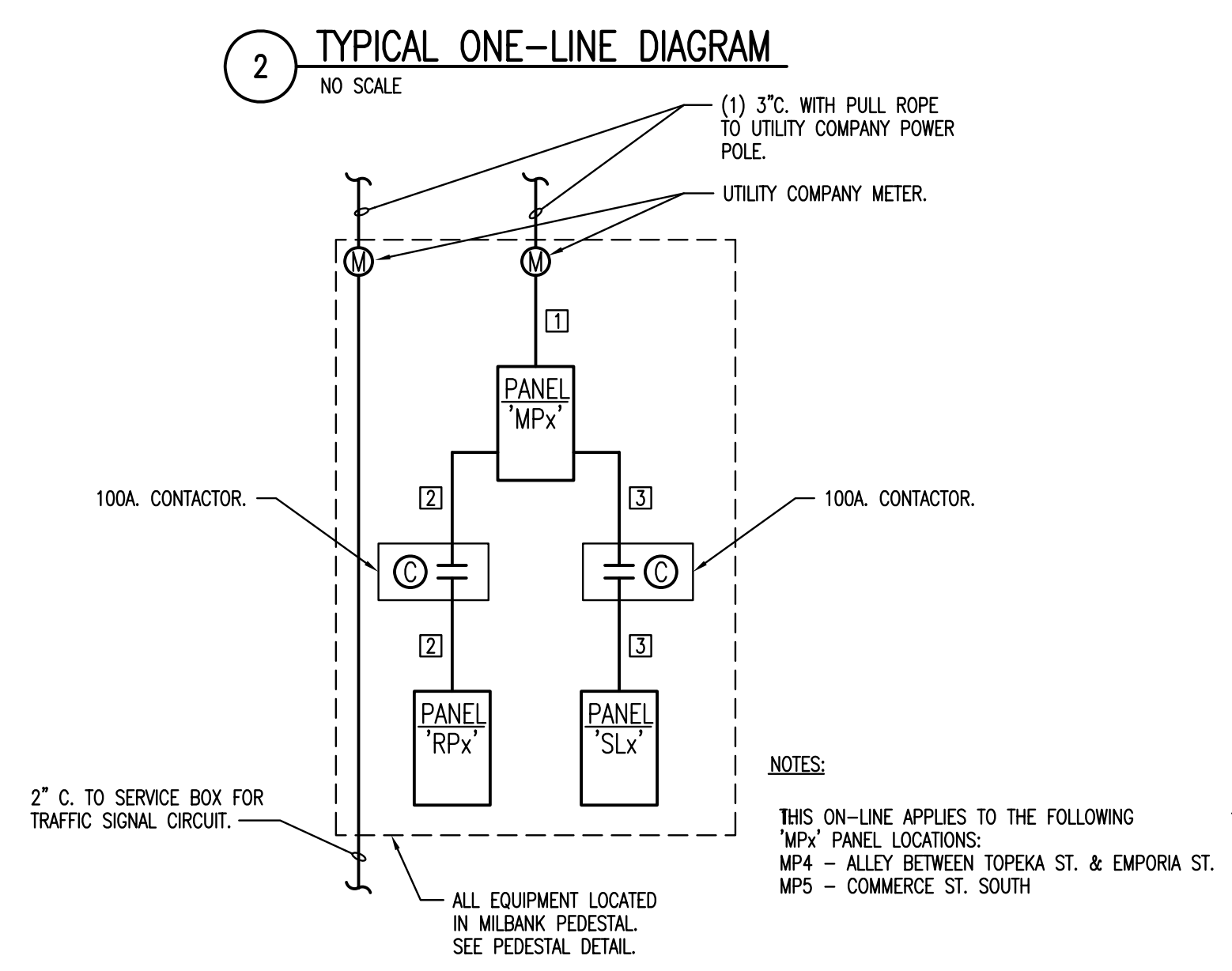
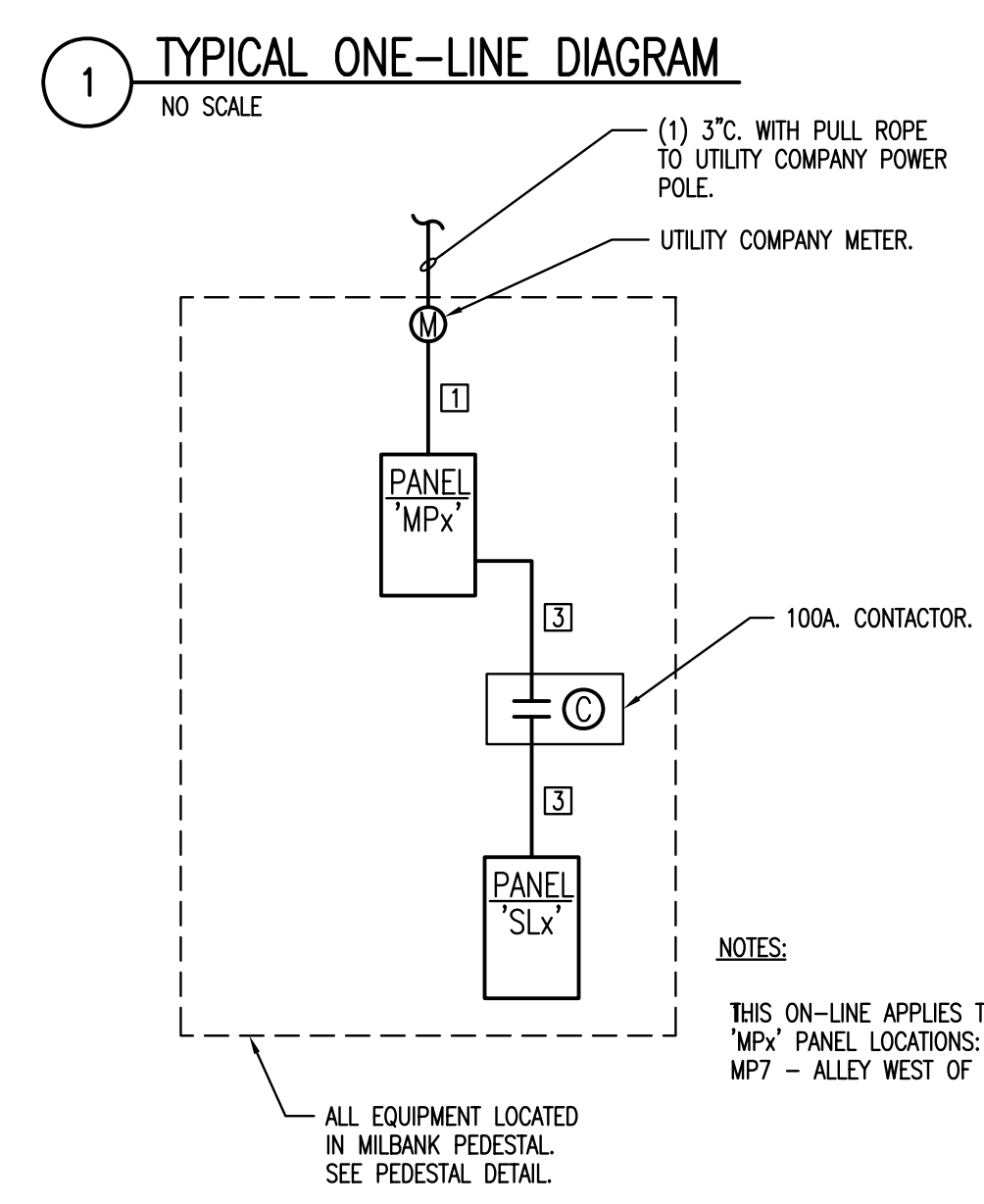
MATCHLINE SEE SHEET E7 FOR CONTINUATION.



| DESIG. | EQUIPMENT SERVED | CONDUCTORS | | GROUND SIZE PER SET | ISOLATED GROUND SIZE PER SET | CONDUIT SIZE PER SET |
|--------|------------------|------------|--------------|---------------------|------------------------------|----------------------|
| | | SETS | NO. SIZE | | | |
| [1] | PANEL 'MPX' | 1 | 3 #1 AWG CU. | --- | --- | 1-1/2" |
| [2] | PANEL 'RPX' | 1 | 3 #4 AWG CU. | #10 | --- | 1-1/4" |
| [3] | PANEL 'SLX' | 1 | 3 #4 AWG CU. | #10 | --- | 1-1/4" |

KEYED NOTES:

- (1) NOTE NOT USED.
- (2) NOTE NOT USED.
- (3) STREET LIGHTING POLE. LETTER DESIGNATES POLE/FIXTURE TYPE. SEE POLE DETAIL SHEET AND LIGHTING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION.
- (4) ELECTRICAL POWER MANHOLE. SEE ELECTRICAL DUCTBANK PLANS FOR EXACT LOCATION AND ADDITIONAL INFORMATION. COMMUNICATION CONDUITS SHALL PASS THROUGH MANHOLE UNBROKEN.
- (5) ELECTRICAL COMMUNICATIONS MANHOLE. SEE ELECTRICAL DUCTBANK PLANS FOR EXACT LOCATION AND ADDITIONAL INFORMATION. POWER CONDUITS SHALL PASS THROUGH MANHOLE UNBROKEN.
- (6) (1) 6" CONDUIT WITH PULL ROPE ROUTED TO ALLEY FOR FUTURE WESTAR USE. CAP CONDUIT AND PROVIDE UTILITY MARKER AT GRADE TO INDICATE END OF CONDUIT.
- (7) (1) 4" CONDUIT WITH PULL ROPE ROUTED TO ALLEY FOR FUTURE COX COMMUNICATIONS CABLE ROUTING. CAP CONDUIT AND PROVIDE UTILITY MARKER AT GRADE TO INDICATE END OF CONDUIT.
- (8) (1) 2" CONDUIT WITH PULL ROPE FOR STREET LIGHTING CIRCUITING.
- (9) NOTE NOT USED.
- (10) CONTINUE (1) 2" RGS CONDUIT TO ENCLOSURE FOR STREET LIGHTING CIRCUITS TERMINATION. SEE SHEET R43 FOR ALLEY PAVEMENT CUT & PATCH DETAIL.
- (11) (6) 6" C. (POWER) AND (6) 4" C. (COMM.) DUCTBANK SEE ELECTRICAL DUCTBANK PLAN DETAILS.
- (12) (1) 2" RGS CONDUIT WITH PULL ROPE FOR STREET LIGHTING CIRCUITING. SEE TRAFFIC SIGNAL PLANS.
- (13) (1) 2" RGS CONDUIT FOR JOINT USE POLE LIGHTS AT MEAD/WATERMAN INTERSECTION.



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 E:\0000\06237\06237-SHEET E06

3 TYPICAL ONE-LINE DIAGRAM
NO SCALE

4 TYPICAL ONE-LINE DIAGRAM
NO SCALE

5 TYPICAL ONE-LINE DIAGRAM
NO SCALE

| | | | |
|--|----------|---------|----------------|
| No. | Revision | By | Date |
| WATERMAN STREET ELEC. STREETScape PLAN STA. 126+00 TO STA. 132+00 JAMES L. ARMOUR, P.E. - CITY ENGINEER CITY OF WICHITA PROJECT NO. 468-84167 Professional Engineering Consultants, P.A. 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003 | | | |
| Designed by | SMS | Job No. | 06237 |
| Drawn by | WAN | Date | February, 2007 |
| | | | Sht. E6 of 8 |