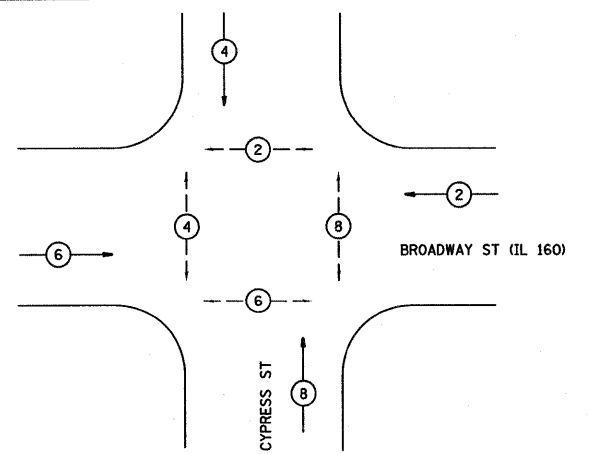


CABLE DIAGRAM

CABLE DIAGRAM LEGEND

- ELECTRIC CABLE IN CONDUIT
- - - EXISTING ELECTRIC CABLE IN CONDUIT
- S PROPOSED CABLE SPLICE (SEE GENERAL NOTES)
- 2/C ELECTRIC CABLE IN CONDUIT, NO. 14 2/C
- 5/C ELECTRIC CABLE IN CONDUIT, NO. 14 5/C
- 7/C ELECTRIC CABLE IN CONDUIT, NO. 14 7/C
- 2/C #6 AWG ELECTRIC CABLE IN CONDUIT, NO. 6 2/C (SERVICE)
- ID IN ELECTRIC CABLE LEAD-IN, 1 PAIR
- CD CALL DELAY (SEE GENERAL NOTES)
- CCO CALL CARRY OVER (SEE GENERAL NOTES)
- *6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)



PHASE DESIGNATION DIAGRAM

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS						
NO.	LOOP	PHASE	LOOP SIZE FT	REQ'D NO OF TURNS	CALCULATED INDUCTANCE (uH)	CALCULATED RESISTANCE (OHMS)
13	NB THRU CD	8	50 X 6	3-6-3	813.15	3.80
14	EB THRU CD	6	50 X 6	3-6-3	800.96	3.52
15	EB LT CD	6	50 X 6	3-6-3	803.78	3.58
16	SB THRU CD	4	50 X 6	3-6-3	856.49	4.78
17	WB THRU CD	2	50 X 6	3-6-3	838.76	4.38
18	WB LT CD	2	50 X 6	3-6-3	841.46	4.44

