



- CABLE DIAGRAM LEGEND**
- PROPOSED ELECTRIC CABLE IN CONDUIT
  - S— PROPOSED CABLE SPLICE (SEE ELECTRICAL GENERAL NOTES)
  - 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
  - C.D. CALL DELAY (SEE ELECTRICAL GENERAL NOTES)
  - NO. 6 INDICATES AMERICAN WIRE (AWG) SIZE 6
  - #6 LOOP DETECTOR NUMBER
  - PROPOSED PEDESTRIAN PUSH BUTTON
  - EXISTING ELECTRIC CABLE IN CONDUIT
  - S--- EXISTING CABLE SPLICE (SEE ELECTRICAL GENERAL NOTES)
  - EXISTING PEDESTRIAN PUSH BUTTON
  - EXISTING SERVICE INSTALLATION

BUCHANAN STREET @ SCHWARZ STREET							
LOOP #	DIRECTION	PHASE	LOOP SIZE (FOOT)	REQUIRED NUMBER OF TURNS	LEAD-IN CABLE LENGTH (FOOT)	CALCULATED INDUCTANCE (microhenries)	CALCULATED RESISTANCE (ohms)
1	SB LT	1	6' X 50'				
2	SB RT / THRU	6	6' X 50'				
3	EB LT	7	6' X 50'				
4	EB RT / THRU	4	6' X 50'				
5	NB LT	5	6' X 50'				
6	NB RT / THRU	2	6' X 50'				
7	WB LT	3	6' X 50'	3 - 6 - 3	122	813	2.2
8	WB RT / THRU	8	6' X 50'	3 - 6 - 3	132	815	2.25

THE ABOVE VALUES ARE CALCULATIONS OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN 20% OF THESE VALUES.