

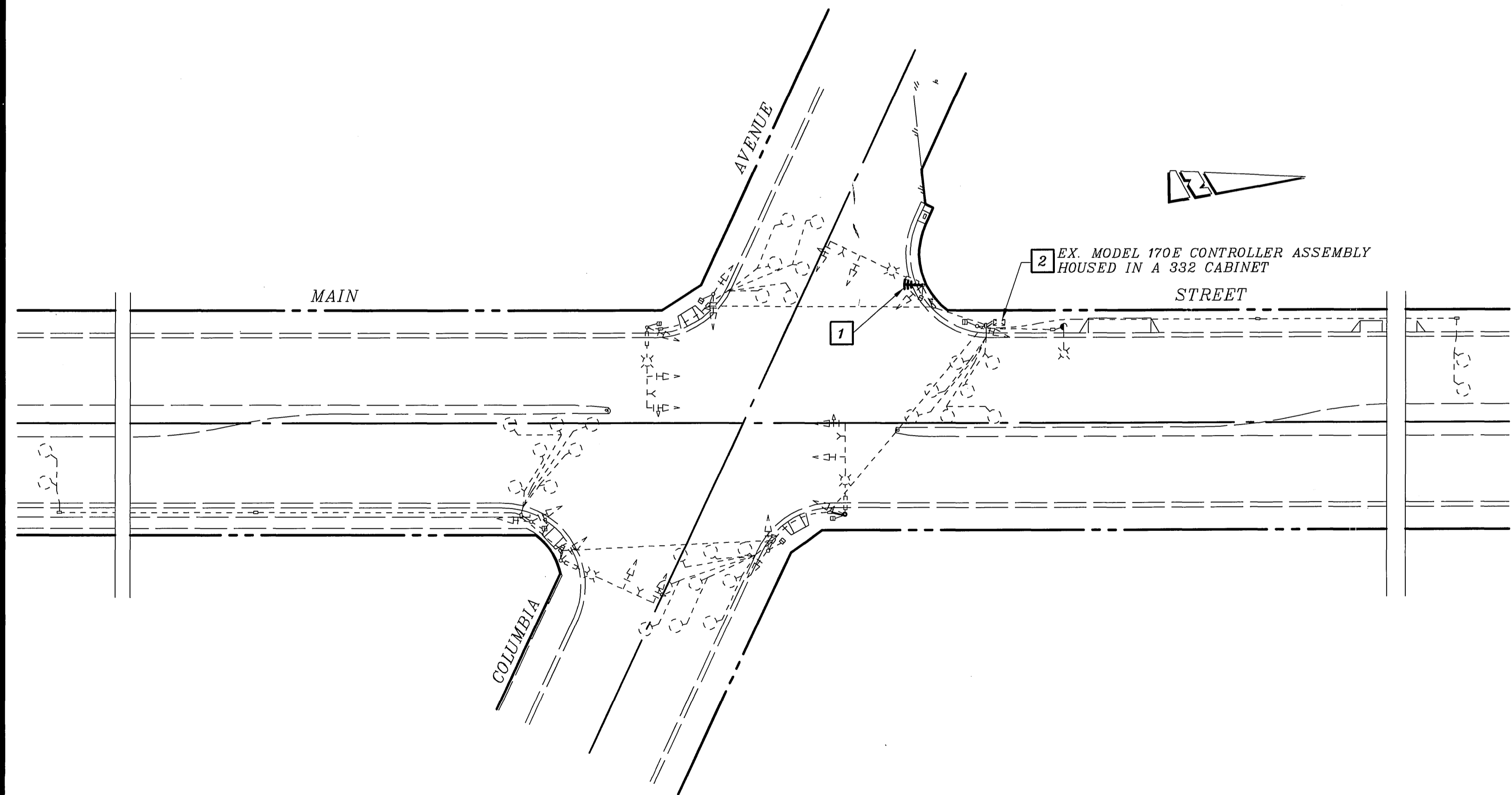
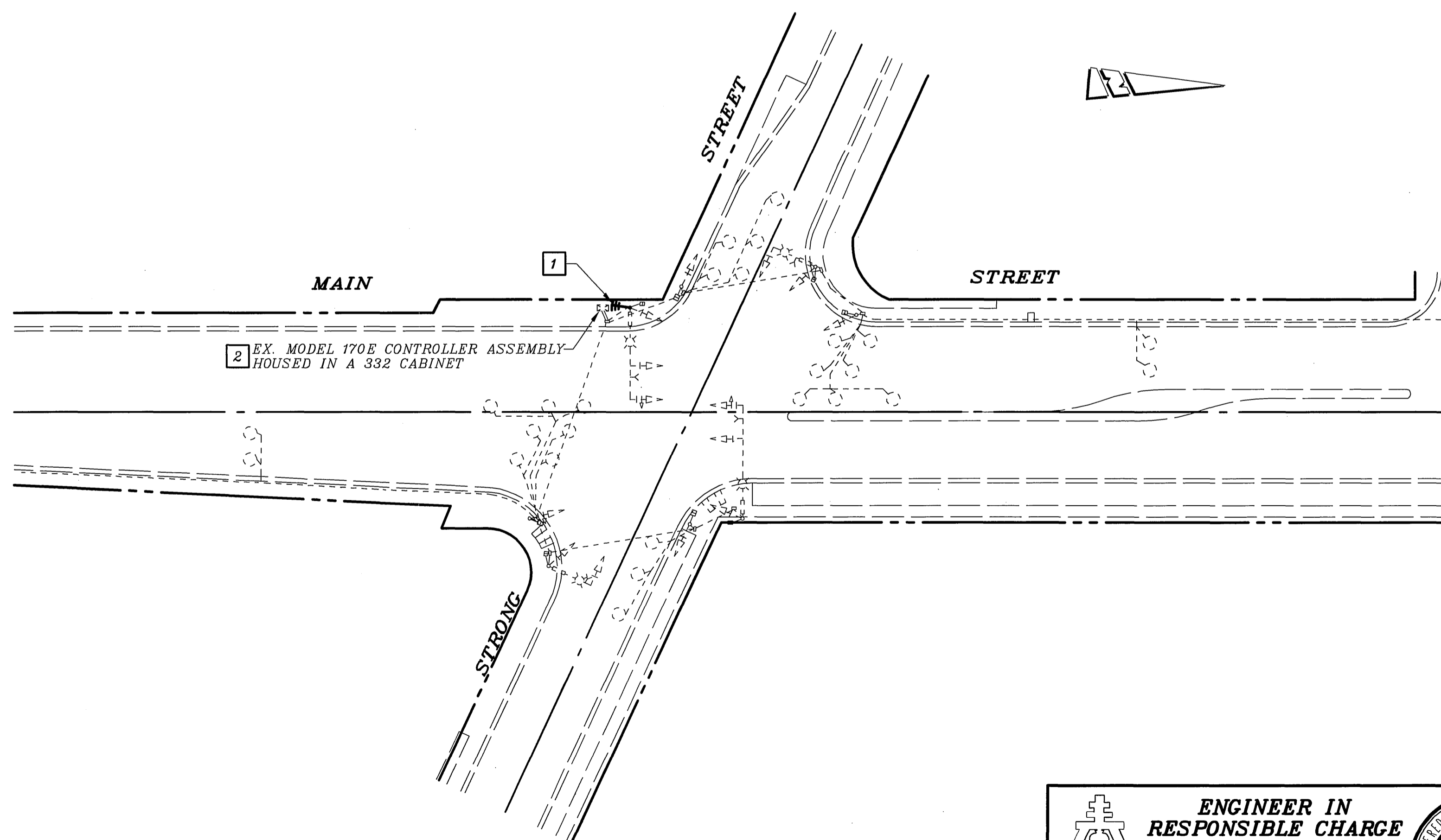
FREMONT ELEMENTARY SCHOOL

GENERAL NOTES

1 - CONTRACTOR SHALL PROVIDE A LINE OF SIGHT ANALYSIS (LOS), USING A BUCKET TRUCK, TO DETERMINE THE MOST OPTIMUM LOCATION OF EACH ANTENNA. CONTRACTOR SHALL INFORM THE ENGINEER IF ADDITIONAL RADIO LOCATIONS ARE REQUIRED TO PROVIDE A FULLY FUNCTIONAL COMMUNICATION SYSTEM.

CONSTRUCTION NOTES

- 1 - INSTALL PANEL ANTENNA WITH ENCOM 2.4 GHz EP COMMPAKBB2.4-INT RADIO ON SIGNAL POLE. EXACT PLACEMENT OF ANTENNA SHALL BE DETERMINED BY THE RADIO MANUFACTURER'S REPRESENTATIVE IN THE FIELD. RUN CAT-5E CABLE IN EXISTING CONDUIT TO CONTROLLER CABINET.
- 2 - INSTALL MCCAIN SERIAL TERMINAL SERVER AND RADIO POWER SUPPLY WITH LIGHTNING AND SURGE PROTECTION.
- 3 - INSTALL DUAL EP COMMPAKBB2.4-INT RADIO WITH (2)-23 DBI 2.4 GHz PANEL ANTENNA ON SIGNAL POLE. EXACT PLACEMENT OF ANTENNA SHALL BE DETERMINED BY THE RADIO MANUFACTURER'S REPRESENTATIVE IN THE FIELD. RUN CAT-5E CABLE IN EXISTING CONDUIT TO CONTROLLER CABINET.



ENGINEER IN RESPONSIBLE CHARGE

 GILBERT M. HERNANDEZ
 R.C.E. No. 69170 expires 6-30-08
 DATE May 21, 07



MARK	REVISIONS	APPR.	DATE

DESIGNED BY _____ DRAWN BY _____ CHECKED BY _____

**CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS**

APPROVED BY	BY	DATE	APPROVED BY	DATE
PRINCIPAL ENGINEER			CITY ENGINEER	6/22/07
ENGINEERING MANAGER		6/22/07		
TRAFFIC DIVISION		5/29/07		

TRAFFIC SIGNAL INTERCONNECT PLAN
**MAIN STREET
 SPRUCE STREET TO
 COLUMBIA AVENUE**
 SCALE: 1" = 40'

ACCT. NO. X-061
 SHEET 1 OF 1
 FILE NAME: X061-2.DWG