SECTION 02795
COMPRESSED AIR SYSTEMS

PART 1 - GENERAL

1.1 SUMMARY:

A. Section Includes:

1. Compressed air systems.

B. Related Sections:

1. Section 02200 - Earthwork
2. Section 02221 - Trenching, Backfilling, Compacting.
3. Section 02300 - Utility Tunnels.
4. Division 15 - Mechanical: Compressed air systems inside building lines.

1.2 SYSTEM DESCRIPTION:

A. Order of Preferred Installation:

1. Utility tunnel.
2. Shallow trench.
3. Direct burial.

1.3 QUALITY ASSURANCE:

A. General: Comply with requirements of Sections 15010 and 15050.

B. Permit: Obtain permit from the University of Colorado at Boulder Utility Engineer.

PART 2 - PRODUCTS

2.1 MATERIALS:

A. Comply with requirements of Section 15050.

2.2 IDENTIFICATION:

A. Underground Type Plastic Line Marker:

1. Manufacturer's standard permanent, continuous-printed plastic tape with metallic core, intended for direct-burial service; not less than 6" wide x 4 mils
thick. Provide green tape with black printing reading "CAUTION COMPRESSED AIR LINE BURIED BELOW".

2. Provide identification markers of one of the following:
   a. Allen Systems, Inc.
   b. Emed Co., Inc.
   c. Seton Name Plate Corp.

PART 3 - EXECUTION

3.1 INSTALLATION:
   A. Comply with requirements of Section 15050.

3.2 INSTALLATION OF IDENTIFICATION:
   A. During backfilling and topsoiling of underground compressed air piping, install continuous underground plastic line markers, located directly over buried lines at 6" to 8" below finished grade.

END OF SECTION 02795