SECTION 02667
CHILLED WATER SYSTEMS

PART 1 - GENERAL

1.1 SUMMARY:

A. Section Includes:
   1. Chilled water systems.

B. Related Sections:
   1. Section 02200 - Earthwork
   2. Section 02221 - Trenching, Backfilling, Compacting.
   3. Section 02300 - Utility Tunnels.
   5. Division 15 - Mechanical: Chilled water 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 requirement of Sections 15010, 15050 and 15531.

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

PART 2 - PRODUCTS

2.1 MATERIALS:

A. Comply with requirements of Sections 15050 and 15531.

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 CHILLED WATER 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 Sections 15050 and 15531.

3.2 INSTALLATION OF IDENTIFICATION:

   A. During backfilling and topsoiling of underground chilled water piping, install continuous underground plastic line markers, located directly over buried lines at 6" to 8" below finished grade.

END OF SECTION 02667