SECTION 072703

CLOSED CELL, MEDIUM DENSITY SPRAY POLYURETHANE FOAM AIR BARRIER

PART 1 - GENERAL

1.1 SECTION INCLUDES

A. This section includes the following:

1. Closed cell, medium density spray polyurethane foam air barrier located in the non-accessible part of the wall.
2. Materials to bridge and seal the following air leakage pathways and gaps:
   a. Connections of the walls to the roof air barrier.
   b. Connections of the walls to the foundation air barrier.
   c. Seismic and expansion joints.
   d. Openings and penetrations of window frames, storefront, curtain wall.
   e. Barrier precast concrete and other envelope systems.
   f. Door frames.
   g. Piping, conduit, duct and similar penetrations.
   h. Masonry ties, screws, bolts and similar penetrations.
   i. All other air leakage pathways in the building envelope.

   SPEC NOTE: COORDINATE RELATED WORK REQUIREMENTS WITH CONTENTS OF REFERENCED SPECIFICATION SECTIONS.

B. Related Work in other Sections includes the following:

1. Section 061100 – Wood Framing: Load-bearing, wood exterior wall framing assemblies to support the spray polyurethane foam air barrier.
2. Section 014000 - Quality Requirements; coordination with Owner’s independent testing and inspection agency.
3. Section 014339 - Mock-Ups; exterior wall mock-ups.
4. Section 015000 - Temporary Facilities and Controls; requirement to schedule work to prevent sunlight and weather exposure of materials beyond limits established by manufacturer; requirement to protect materials from damage after installation and prior to installation of enclosing work.