PART 1 - GENERAL

1.1 SUMMARY

A. Products Supplied But Not Installed Under This Section:
   1. Hollow metal frames.

B. Related Sections:
   1. Section 05 1223: Under-Platform door frames.
   2. Section 06 2024: Installation.
   3. Section 08 4113: Aluminum Entry Frames.

1.2 REFERENCES

A. Steel Door Institute / American National Standards Institute:
   1. SDI / ANSI A250.11-2002, 'Recommended Erection Instructions for Steel Frames.'

1.3 SUBMITTALS

A. Quality Assurance / Control: Copy of SDI / ANSI A250.11.

PART 2 - PRODUCTS

2.1 MANUFACTURED UNITS

A. Frames:
   1. Cold rolled furniture steel.
      a. Interior Frames: 16 ga. 1.6 mm.
      b. Exterior Frames: 14 ga. 2 mm.
   2. Provide labeled frame to match fire rating of door.
   3. Finish:
      a. Use one of following systems:
         1) Prime surfaces with rust inhibiting primer.
         2) Galvanize.
      4. Anchors: 16 US ga 1.6 mm minimum meeting UL or other code acceptable requirements for door rating involved.

2.2 MANUFACTURERS

A. Category One Approved Manufacturers. See Section 01 6000 for definitions of Categories.
   1. Any current member of Steel Door Institute.

2.3 FABRICATION

A. General Requirements:
   1. Frames shall be welded units. Provide temporary spreader on each welded frame.
   2. Provide Manufacturer's gauge label for each item.
3. Make breaks, arrises, and angles uniform, straight, and true. Accurately fit corners.

B. Provide mortar guards at strikes and hinges.

C. Anchors:
   1. Provide three jamb anchors minimum for each jamb. On hinge side, install one anchor at each hinge location. On strike side, install one anchor at strike level and anchors at same level as top and bottom hinges. Tack weld anchors on frames intended for installation in framed walls.
   2. Frames installed before walls are constructed shall be provided with extended base anchors in addition to other specified anchors.
   3. Anchor types and configurations shall meet wall conditions.

PART 3 - EXECUTION

3.1 SUPPLIERS

A. Category One VMR Suppliers. See Section 01 6000 for definitions of Categories.
   1. Architectural Building Supply, Salt Lake City, UT  Russ Farley, Phone (800) 574-4369  FAX 801-484-6817, e-mail absslc@absdoors.com.
   2. Beacon Metals Inc, Salt Lake City, UT  Chad Riches, Phone (888) 823-2206  FAX 801-485-7647, e-mail, chadr@beacon-metals.com.

END OF SECTION