

# Casting specification excerpts

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## PRODUCTS

1. Custom Designed Castings: Provide as shown on the drawings, including:

1. Structural Requirements:

1. The steel castings shall be engineered to resist the forces indicated on the structural drawings and shall have general out-and-out dimensions as shown on the structural drawings.

2. Architectural Requirements:

1. The exterior shaping of the steel castings shall generally conform to that shown on the drawings. All edges shall be radiused and the Manufacturer may draft flat surfaces away from parting lines.

2. Castings shall be furnished with visual inspection of exterior surfaces to confirm compliance with ASTM A802 Level 1.

3. Welds between the castings and attaching structural members shall be ground flush and smooth to the exterior of the casting or, if loading allows and the steel assembly incorporating the castings will be within the building envelope, the welded joints may be left slightly under filled and an automotive body filler material that is compatible with the steel coating system may be used to mask the welded joint.