**SPECIFICATIONS**

- Material will be high quality 100% recycled grey iron; ASTM A48 class 35b or better; hardness 170-223 brinnell (unless specified otherwise; see below).

  **Material:**
  - Grey iron ASTM A48 (standard)
  - Aluminum, ASTM B26
  - Ductile iron, (required for all load ratings higher than pedestrian)
  - Nickel bronze (ASTM B30)
  - Bronze (ASTM B26)

- Finish will be natural patina of raw iron (unless specified otherwise; see below).

  **Finish:**
  - Raw (standard)
  - Rust conditioner
  - Polyester Powder Coat*
  - Liquid Coat (wet paint)*
  - Color:
    - Please specify standard UA color or mfr. name and color code.
    - Brush (bronze/nickel/aluminum only)
    - Polish (bronze/nickel/aluminum only)
    - Galvanized (grey iron and ductile iron only)
    - Other:

- Dimensions are nominal.

**Notes**

1) Cast in four pieces.

2) Grate is 1" thick at edge.

3) Center opening expansions at 1'-0" and 1'-8" diameter.

4) No openings greater than 3/8", in conformance with ADA Accessibility Guidelines.

5) Grate weighs 344 lbs.

**Comments:**

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**Plan**

**Section A-A'**

- Material will be high quality 100% recycled grey iron; ASTM A48 class 35b or better; hardness 170-223 brinnell (unless specified otherwise; see below).

  **Material:**
  - Grey iron ASTM A48 (standard)
  - Aluminum, ASTM B26
  - Ductile iron, (required for all load ratings higher than pedestrian)
  - Nickel bronze (ASTM B30)
  - Bronze (ASTM B26)

- Finish will be natural patina of raw iron (unless specified otherwise; see below).

  **Finish:**
  - Raw (standard)
  - Rust conditioner
  - Polyester Powder Coat*
  - Liquid Coat (wet paint)*
  - Color:
    - Please specify standard UA color or mfr. name and color code.
    - Brush (bronze/nickel/aluminum only)
    - Polish (bronze/nickel/aluminum only)
    - Galvanized (grey iron and ductile iron only)
    - Other:

- Dimensions are nominal.

**Notes**

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**Comments:**