



**Plan**



**Section A-A'**

**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) ASTM A536 class 65-45-12.
- 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 one piece.
- 2) Grate is 3/4" thick at edge.
- 3) Depressions are no wider than 1/2", with single step-downs no deeper than 1/4", in conformance with ADA Accessibility Guidelines.

Comments:

**Manhole Cover**  
25" Rd. Double Wave

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