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 two pieces.
  2) Grate is 3/8" thick at edge.
  3) Center opening expansion at 1'-4" diameter.
  4) No openings greater than 3/8", in conformance with ADA Accessibility Guidelines.
  5) Grate weighs 90 lbs.

  **Comments:**

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**Plan**

**Section A-A'**

- TYP. OPENINGS 1" O.C.
- TYP. 3/8" OPENINGS AT TOP OF GRATE
- 3/8" THICK SUPPORT RIB
- 3/8" THICK SOLID GRATING
- CENTER OPENING EXPANSION LINE

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**Tree Grate**

3' Rd. Rainbow

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