CONCRETE HEADWALL FOR TWIN PIPE CULVERTS

**ELEVATION**

- **Elevation**
- **Section A-A**
- **Section B-B**
- **Plan**
- **Isometric View**

**Key Details**

- 1:1 Bevel (see Note No. 5 & Bevel Detail)
- 3 B-4 Bars

**Bevel Detail**

- Headwall Top
- Pipe Bevel
- 1:1 Bevel (see Note No. 5 & Bevel Detail)
- D/24 45°

**Inlet Grate Detail**

- 1/2" Dia. Bar
- Centered on inner bars
- 0 Bars shall be equally spaced in grate
- Not to exceed 8" center to center
- Or less than 6" center to center

**Notes**

- Bars shall be equally spaced in grate
- Not to exceed 8" center to center
- Or less than 6" center to center

**Dimensions**

- 4-6
- 3-2
- 1-1

**Materials**

- Concrete Pipe
- Metal Pipe
- W/Nut and Lock Nut
- 3" NC Machine Bolt
- 1/2" NC Machine Bolt with Lock Nut

**Drawings**

- Standard Drawing No. 609-3
- May 1964

**Revisions**

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**Drawing Date**

- May 1964

**Signature**

- Original signed by Loren Thomas
- Original signed by Steven M. Hansen

**CADD File Name**

- 609-3_0305.dgn

**Prints Only**

- Prints only are for 11" x 17" scales shown