

Cascade Fabrication services both individuals, companies and industries with custom metal fabrication. Be it a repair, modification or a fresh build. We can work with supplied designs or design for you. Fabrication can take place within our shop, or on site within the local tri-county.

## **Shop Equipment:**

We have many tools and equipent to assist in our fabrication work:

- ► 1/4" x 10' Shear
- ► 100 Ton Press Brake
- ▶ 17" x 21" Vertical Saw ► 5 Ton Overhead Crane
- ► 5' x 10' Plasma Table (1 1/2" Cap)
- ► 55 Ton Ironworker
- 90 Ton Pirahna
- ► Carell Double Pinch Structural Steel Rolls



## Welding Capabilities:

Many types of welding are performed by our skilled and experienced welders, such as:

- MIG Gas Metal Arc Welding (GMAW)
- ► TIG Gas Tungsten Arc Welding (GTAW)
- Stick Shielded Metal Arc Welding (SMAW)
- Flux-Cored Arc Welding (FCAW)

## **Metals Fabricated:**

We work with all types and shapes of metals:

- Carbon Steel
- ► Stainless Steel
- ► Aluminum
- PipeBeam

► Sheet

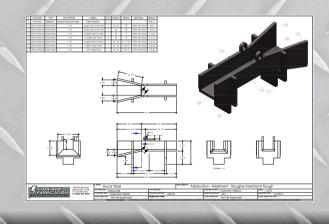
► Tube

- ► Channel
- ▶ Rod▶ Bar

## **Design Capabilities:**

Use of latest version of 3D Parametric Modeling CAD Software (SolidWorks), experienced drafters can:

- Accurately model your fabrication in 3D
- Draft 2D drawings for review, development, approval, and production purposes
- Design verification on supplied designs
- Simulate real world materials for weights & structural integrity



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