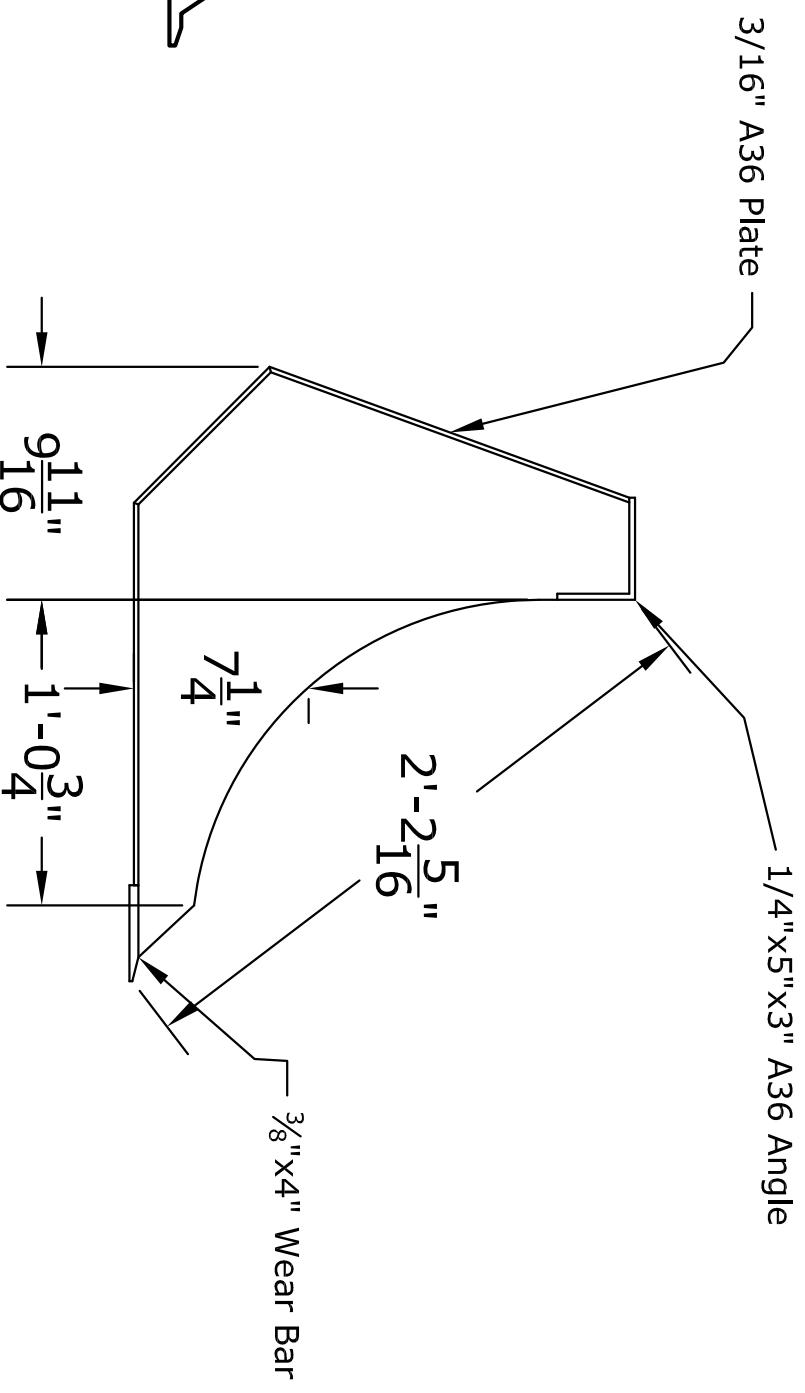
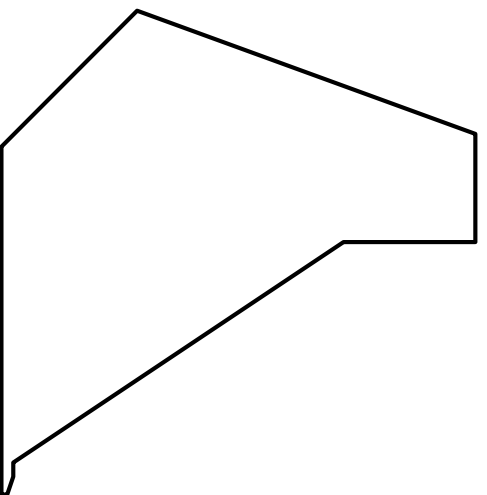


Grapple Bucket Concept (Side-Plate Layout) $1'-\frac{1}{2}'' = 1'$

NOTES:

- (1.) Add gussets and braceing where necessary.
- (2.) All Bracing to be no less than $\frac{3}{16}$ " A36 Steel.
- (3.) Total Bucket Length to be approx. $52\text{-}\frac{3}{8}$ " or $4'\text{-}4\text{-}\frac{3}{8}$ ".



Original Material Bucket

Grapple Bucket

Grapple Bucket Concept (Bucket Material Review) 1- $\frac{1}{2}$ " = 1'