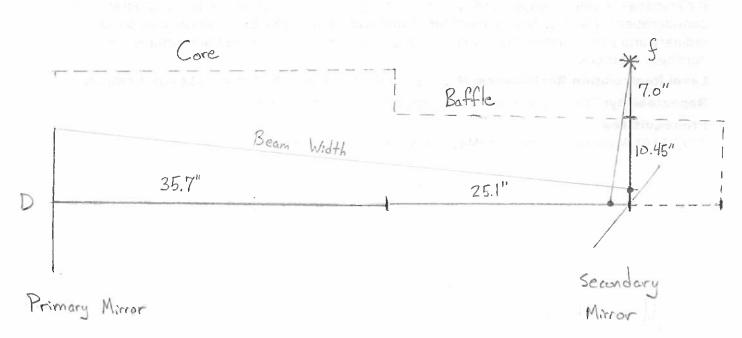


- A. Cylindrical baffle, height above base
- B. Core (w/ bearings + mirror mount) height.
- C. Distance to bolt holes, above base
- D. Distance to bottom of beam exit, above bose
- E. Height of beam exit.

Measurements:

7/22/2024 object distance,
$$O = 113.5''$$
 $\Rightarrow f = 78.24''$ image distance, $I = 251.9''$

$$7/24/2024$$
 $O = 108.87''$ $3 \Rightarrow f = 77.86''$ $I = 273.37''$



Diameter of light beam, d, with distance from primary mirror, x:

$$d(x) = D\left(1 - \frac{x}{\xi}\right)$$

$$d(secondary) = 4.01$$
"

- · Mirror has a second focus? (Distortion?) Unlikely.
- · Flashlight LEDs acting as a lens? Extremely consistent if so.
- · Secondary reflection off white board?