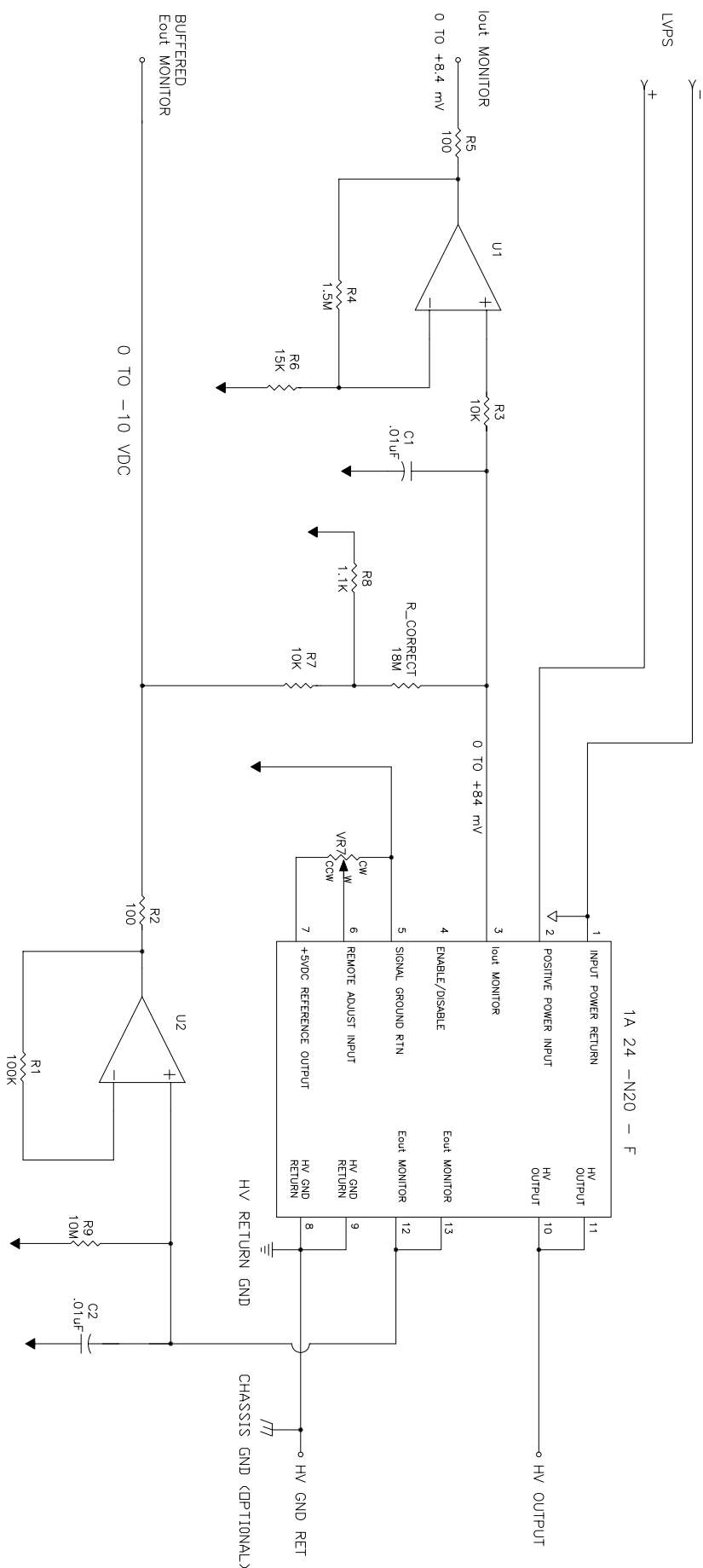




$$(1 \text{ f/b} + 1 \text{ t/p}) * \text{R sense} = \text{E error}$$

$$\frac{1\text{KV}}{10\text{M} + 46.6\text{K}} = 1 \text{ f/b} = 0.0000995 = 99.5\mu\text{A}$$

$$(99.5\mu\text{A} + 98.9\mu\text{A}) * 4.2 \text{ ohms} = \text{E error} = 0.83\text{mV}$$

$$\frac{\text{E error}}{\text{R isolation}} = \text{I correction}$$

$$\frac{1\text{KV}}{10\text{M} + 102\text{K}} = 1 \text{ t/p} = 0.0000989 = 98.9\mu\text{A}$$

$$\frac{0.83\text{mV}}{15\text{K}} = 1 \text{ correction} = 0.055\mu\text{A} = 55\text{nA}$$

$$\text{E out Monitor} = \text{R correction}$$

$$\text{I correction}$$

$$\text{R sense} = 4.2 \text{ ohms} \quad \text{R isolation} = 15\text{K}$$

$$\frac{10\text{V}}{0.055\mu\text{A}} = \text{R correction} = 181\text{M}$$