Drawing Lesson

How do Architects draw their plans, sections and elevations on relatively small sheets of paper …

… that then become big buildings?

Presentation by AMD Architects for CAL Project at Brown Elementary, 2015.
By using an Architectural Scale!
Door: $\frac{1}{4}$" scale

$\frac{1}{4}$ ruler means $\frac{1}{4}$" = 1 ft
Door: \( \frac{1}{4} \)" scale

\[ \frac{1}{4} \text{ ruler means } \frac{1}{4}" = 1 \text{ ft} \]
Door: $\frac{1}{4}$" scale

$\frac{1}{4}$ ruler means $\frac{1}{4}$" = 1 ft
Door: 1/2” scale

1/2 ruler means 1/2” = 1 ft

7 feet

3 feet
Door: 1/2" scale

7 feet

3 feet

1/2 ruler means 1/2" = 1 ft
Door: 1/2" scale

7 feet

3 feet

1/2 ruler means 1/2" = 1 ft
$\frac{1}{4}$ ruler means $\frac{1}{4}'' = 1$ ft

$\frac{1}{2}$ ruler means $\frac{1}{2}'' = 1$ ft
**Practice Activity:**

Practice drawing things you see around your home or school to scale:

1) Start by using a tape measurer or ruler to measure the object you want to draw. Be sure to ask a friend or family member for help to measure big things or use the tape measurers.

2) Use those dimensions and your grid paper to draw that object to scale on your paper. Try drawing both plans and elevations for an extra challenge!