



Virtual Learning

# Residential Wall Section Sketch

May 7, 2020



Civil Engineering & Architecture  
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Lesson: **May 7, 2020**

**Objective/Learning Target:**

Students will learn about residential construction methods and structure by sketching residential wall sections



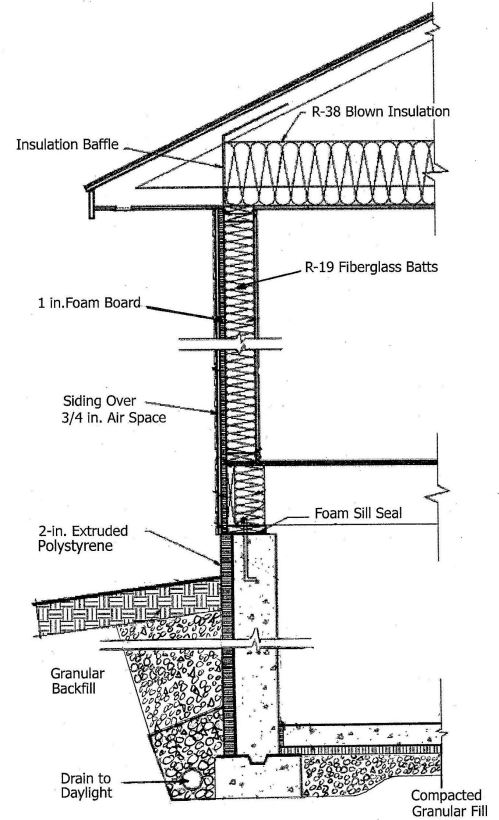
# Bell Ringer:

Today we will be sketching. Click the link below and complete the sketching warm-up activities.

[Architectural Sketching Warm-up Activities](#)

# Let's get started:

Over the past three lessons, we have learned about the three main systems that work together to make up the structure of a typical residential building. In today's activity we are going to combine those three separate systems into a single cohesive sketch.

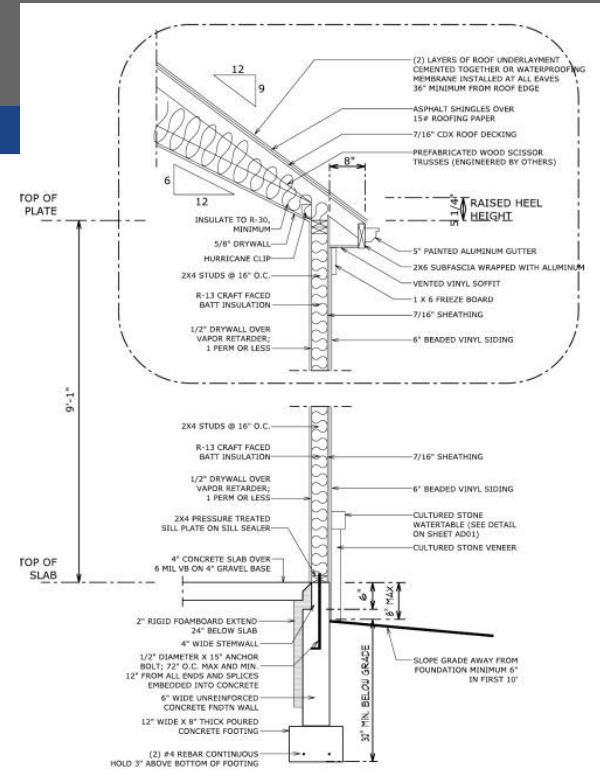


WALL SECTION - TYP.

# Practice:

Using the components that you selected and discussed in the three previous lessons, combine them into a single sketch representing how a typical residential structure could be built. Your sketch should fit on a single 8.5 x 11 sheet of copy paper or notebook paper. Be sure to address how each system interacts with the system above or below it.

Bonus points for including a window or door and the related additional framing.



**E** EXTERIOR WALL w/SLAB  
 SCALE: 3/4" = 1'-0"



# Additional Resources:

[Parts of a wall](#)

[Wall framing sequence](#)

[Types of walls](#)