**Lesson Information**

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| Lesson: (1 of 3) Site Layout Length: 90 minutes  Unit: (2 of 3) Basic Technique  Course: Masonry |

**Content Assumptions**

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| Prior to this class, students have taken math and safety courses. |

**Essential Questions**

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| 1. Why is it important to measure distance and level when planning a building? 2. How is site layout accomplished? |

**Objectives Assessments**

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| After completing this lesson, students will be able to:   1. Describe the processes associated with site layout and the tools used to accomplish site layout. | 1. Video — Instructor observation Video critique — rubric |

**Activities/Instruction**

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| **Show and Tell** (25 minutes)  Using examples of tools used for site layout, Instructor describes how each tool is used to accomplish different tasks for site layout. Instructor explains each process (e.g., using transits and levels, differential leveling, mason’s measure, the 3-4-5 rule) and facilitates a classroom discussion.  **Box-Office Bomb** (35 minutes)  Instructor divides class into four groups, saying that each group is to pick a method, tool, or rule associated with site layout and make a video about how to do it *wrong*. Students may choose to put steps in the wrong order, leave a step out, etc., but their videos must show at least one incorrect detail of the topic they chose. Videos should last no more than five minutes. When they are finished…  **Everybody’s a Critic** (40 minutes)  …they will watch the videos and write down their critiques of each. Critiques are to include where the video went wrong as well as what the correct process should have been. |

**Materials**

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| For students:   * Video recording equipment   For Instructor:   * Examples of tools used in site layout * Video playback equipment * [VIDEO CRITIQUE RUBRIC] |