**Personal Project**

**Shed Documentation**

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**Introduction:**
In order to house my personal beolngings when I am away for college, I created a shed in a 3 month span to increase living space in the house. This task included rigorous planning, utlizing Solidworks and design specifications to optimize price spending and design before going back to college. This shed is later planned to be converted into a living area, ideally next summer.

**BOM Spreadsheet:**
**https://docs.google.com/spreadsheets/d/1-VikJ8jlTG5kjbNCrzd2hblZYh__x9DDaAkWeq7EUnA/edit?gid=0#gid=0**

**Figure 1.1: Initial Base of Shed**

**Figure 1.2: Revised Base, gravel base was too expensive (approx $1000)**

**Figure 1.3: Continued Base, 4 cross beams, each supported by a 6 in gravel base and cement block**

**Figure 2: Installed Insulation under OSB board and wired/boarded edges for rodent protection. Added two of four frames**

**Figure 3: Installed 3rd Frame**

**Figure 4: Installed 4th Frame**

**Figure 5: Installed Roofing Frame and began siding the walls with plywood**

**Figure 6: Installed Roofing Felt and prepped for shingles**

**Figure 7: Side view of all plywood siding**


**Figure 8: Installed all windows/doors with Tyvek weather wrap**


**Figure 9: Interior Insuation Right side**


**Figure 10: Interior Insulation Left Side**


**Figure 11: Drywall and plaster applied**


**Figure 12.1: Drywall and plaster applied**

**Figure 13: All sides painted, appling ceiling fan**

**Figure 14: Flooring and ceiling fan applied**

**Figure 15: Included ammeneties**

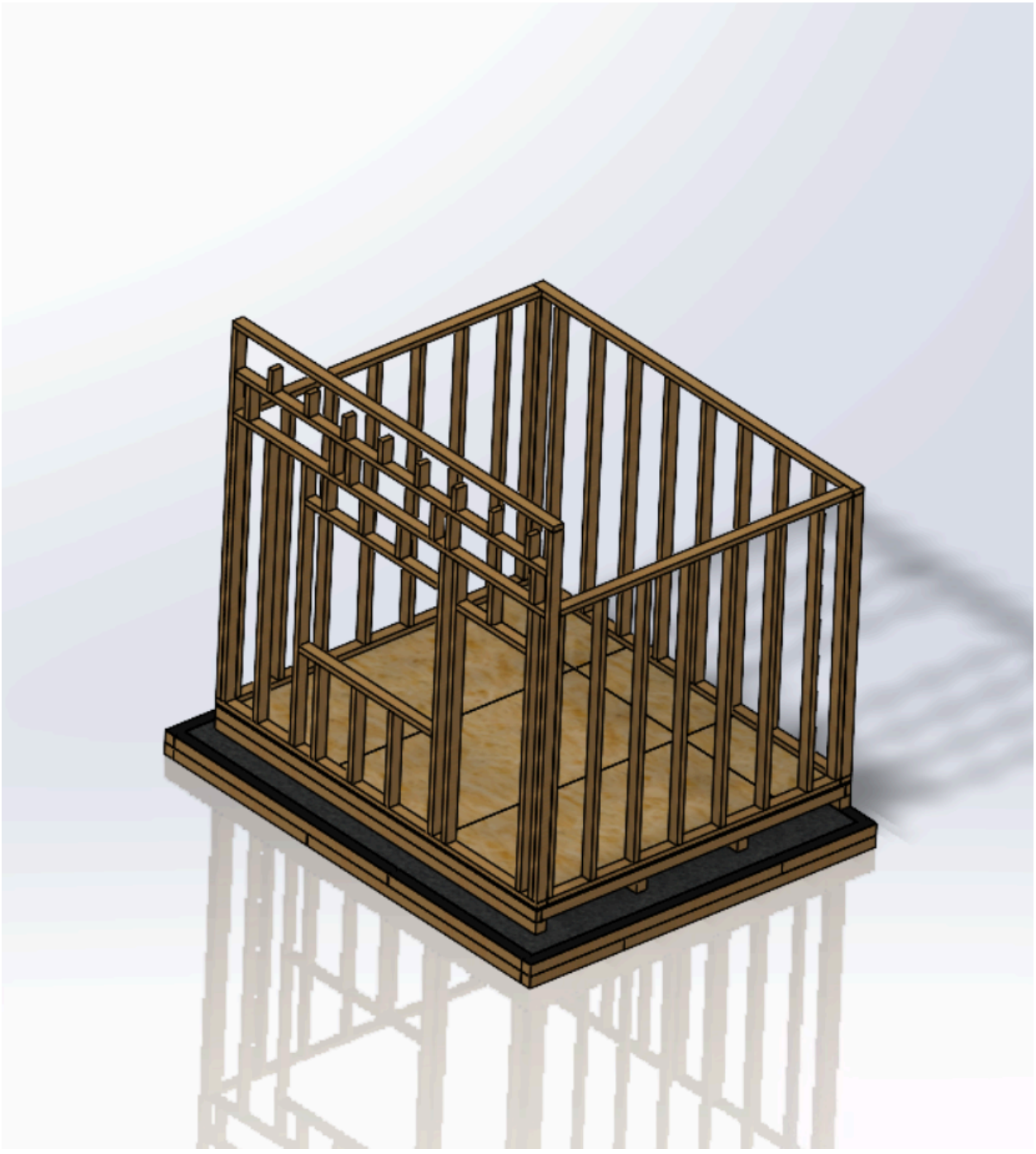

**Figure 16: Original CAD concept of shed**