

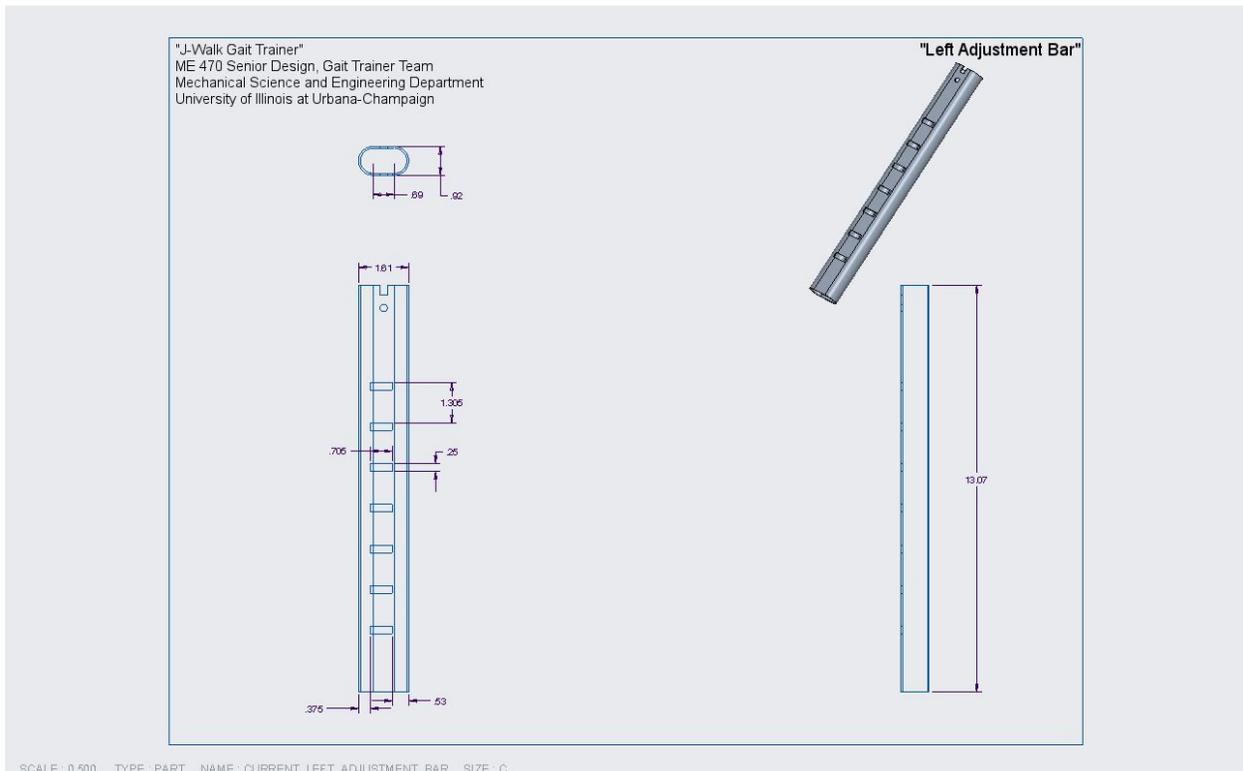
# Engineering Drawings

The following engineering drawings are what were used to construct the original J-Walk's custom components. These engineering drawings are referenced in Tab 2, and instructions on how to modify these drawings to make modifications as well as how to make a one-for-one recreation of the original J-Walk.

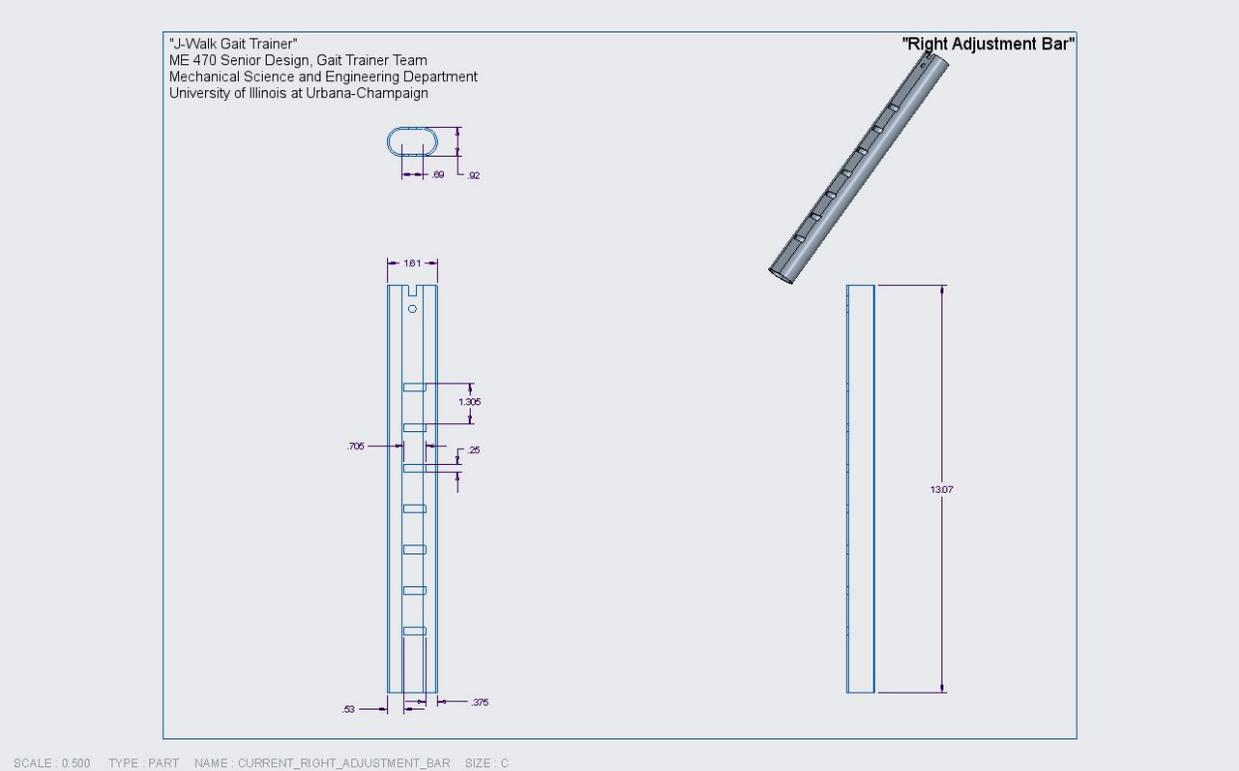
Full size versions of these drawings can be obtained by going to the original webpage and right clicking and saving each image. The webpage can be found at <https://hdcl.mechanical.illinois.edu/open-source-materials/gait-trainer/engineering-drawings/>.

## A.1 Engineering Drawings for Existing Components

### A.1.1 Left Adjustment Bar

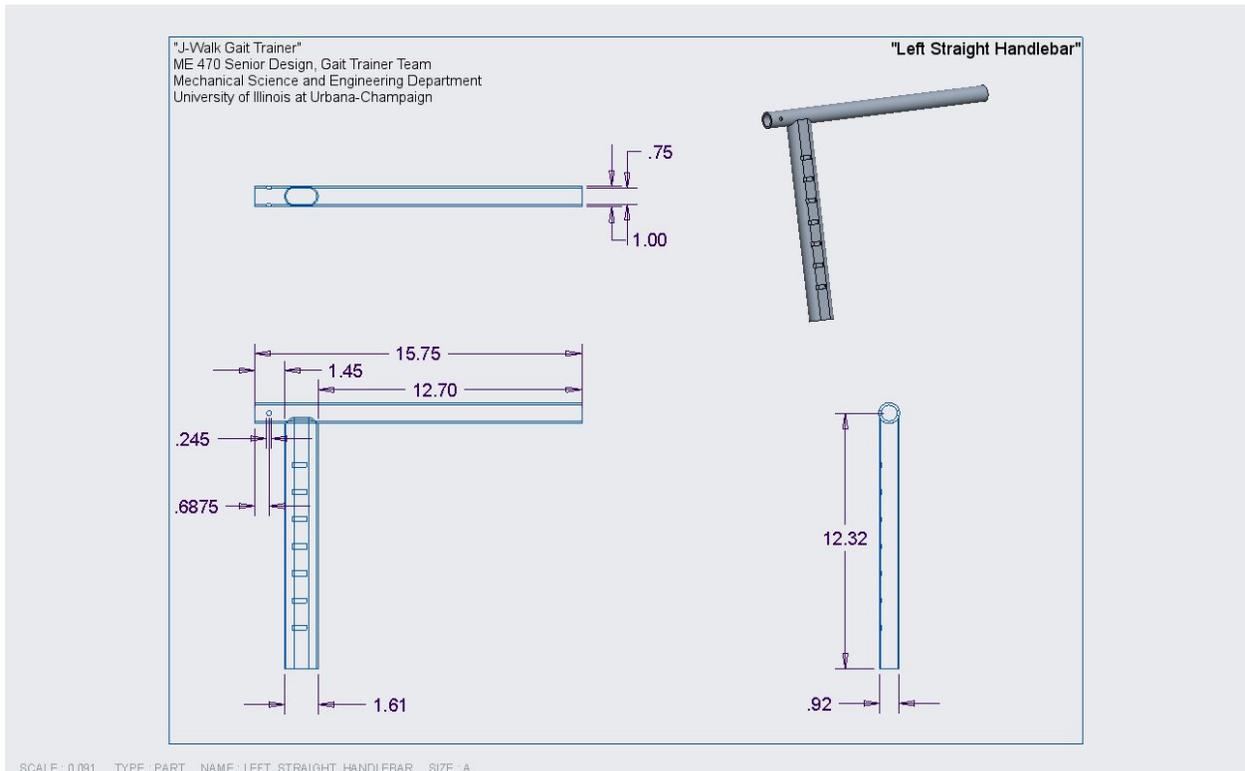


# A.1.2 Right Adjustment Bar

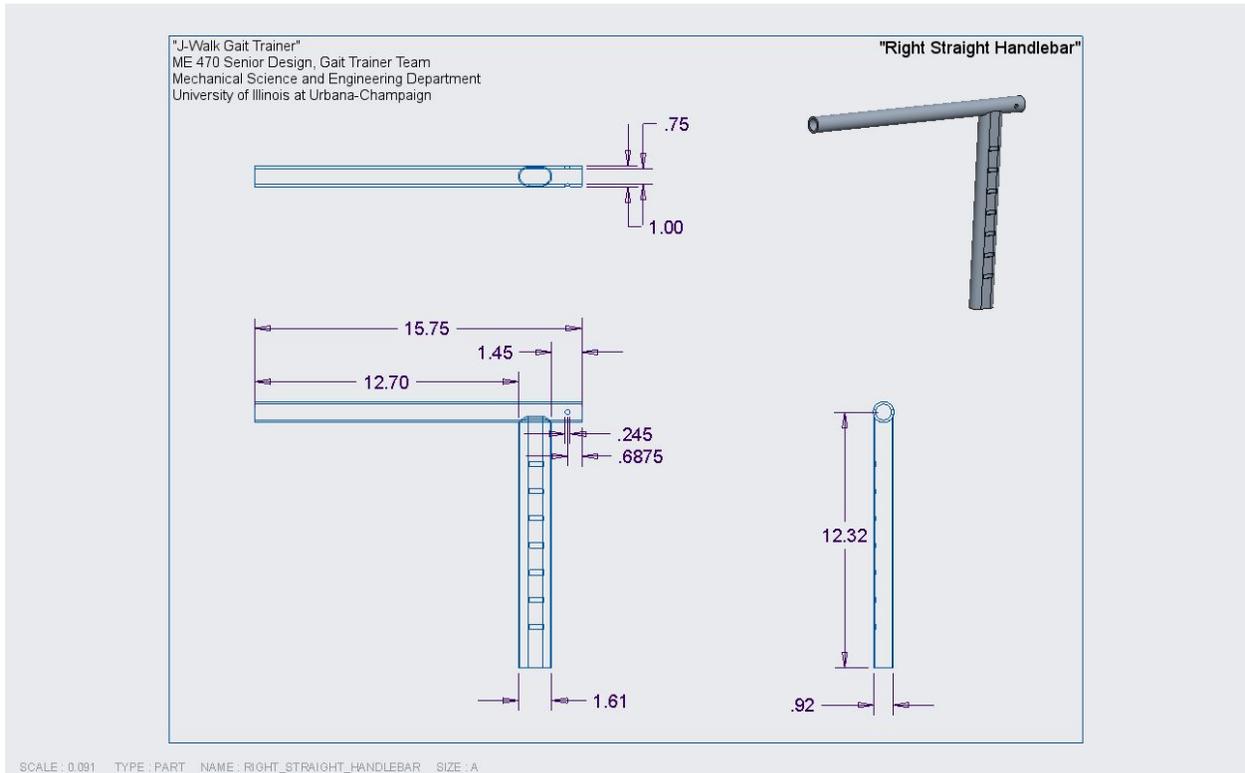


## A.2 Engineering Drawings for Handlebars

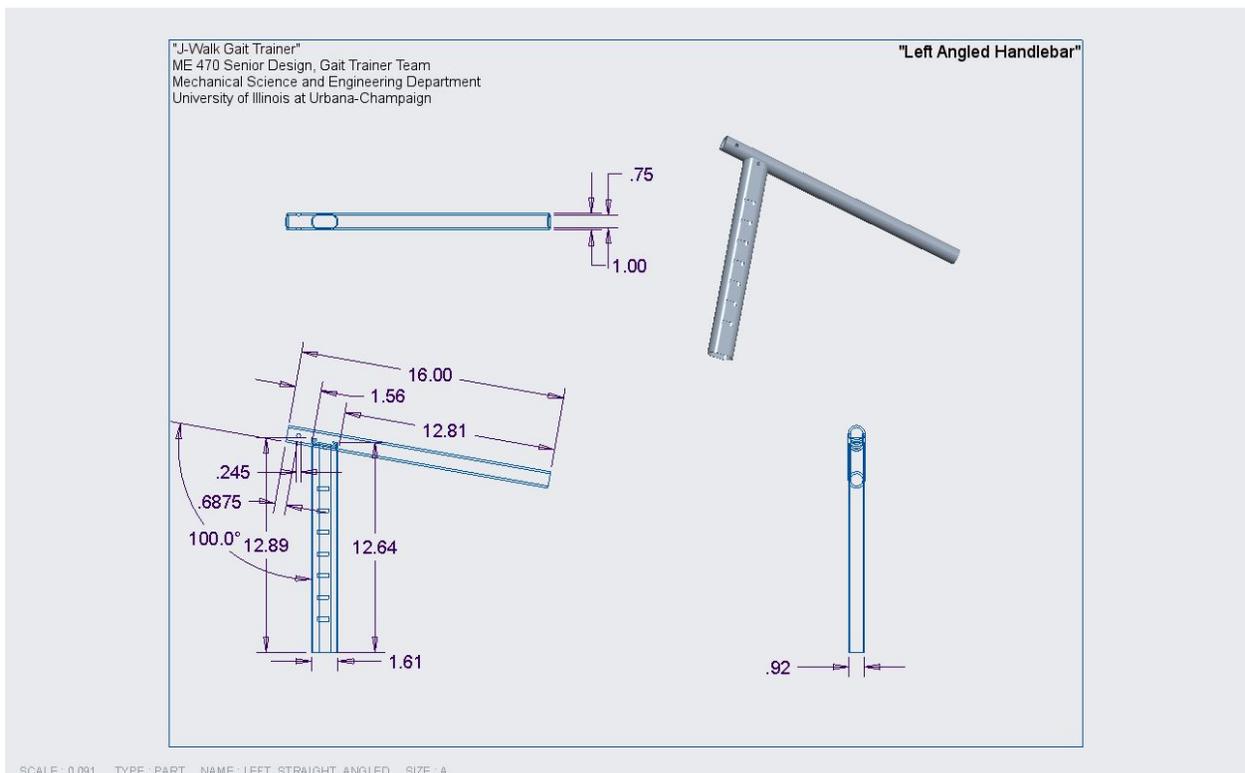
### A.2.1 Left Straight Handlebar



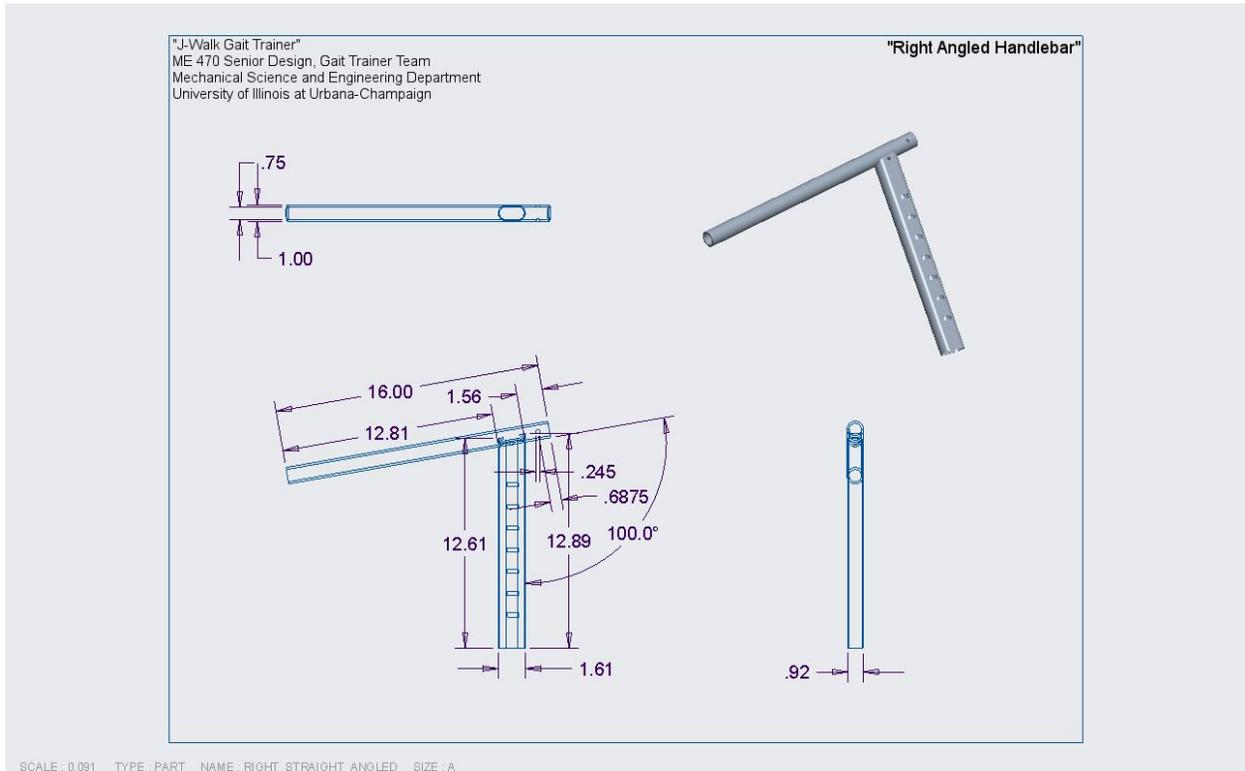
## A.2.2 Right Straight Handlebar



## A.2.3 Left Angled Handlebar



## A.2.4 Right Angled Handlebar

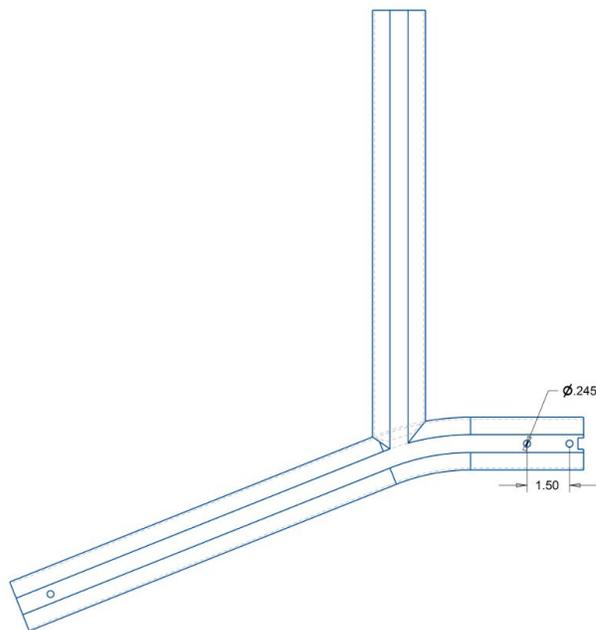


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## A.3 Engineering Drawings for Frame Extension

### A.3.1 Modified Body Frame Tubing

"J-Walk Gait Trainer"  
ME 470 Senior Design, Gait Trainer Team  
Mechanical Science and Engineering Department  
University of Illinois at Urbana-Champaign



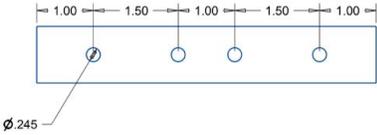
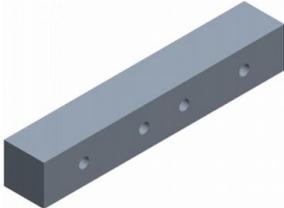
"Modified Body Frame Tubing"



# A.3.2 Frame Extension Block

"J-Walk Gait Trainer"  
ME 470 Sensor Design, Gait Trainer Team  
Mechanical Science and Engineering Department  
University of Illinois at Urbana-Champaign

"Frame Extension Block"



### A.3.3 Extension Frame Tubing

"Walk Gait Trainer"  
ME 470 Senior Design, Gait Trainer Team  
Mechanical Science and Engineering Department  
University of Illinois at Urbana-Champaign

"Extension Frame Tubing"

