

# STAIR STRINGERS



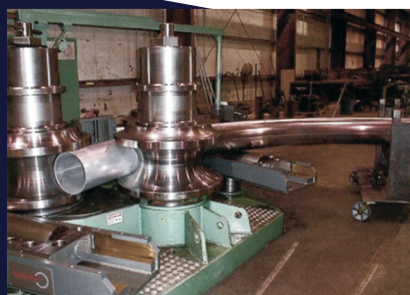
## Spiral Stair at Northeastern University

The stringers were cut on our BTD-8X® from Controlled Automation using high-definition plasma and high speed drilling. The project required ½", ¾" and 1" thick steel plates with scribed layout lines and precise drilled connection holes. The strength and stability of the BTD-8X® allowed us to create accurate high quality parts quickly and easily.

The stairs were designed using double stringers on both the inside and outside of the stair with a space in between just wide enough for architectural glass. We then rolled the cut and drilled stringers on a helical pitch accurate enough to allow for the architectural glass panels to fit in between the double stringers.

Using state-of-the-art equipment and processes we were able to complete and ship our part of the job to the project fabricator on time and within the required specifications.

The project was featured on the architects website ([www.payette.com](http://www.payette.com)) and in the Boston Globe. Check out links to these articles and more info on our website [www.freadmansteel.com](http://www.freadmansteel.com)



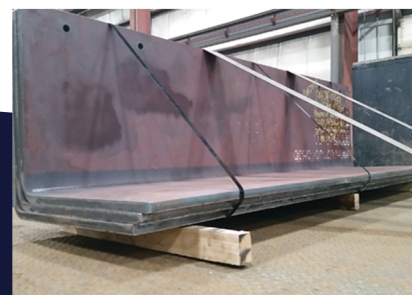
## SHAPE ROLLING

12" Sch 40 6061 Aluminum Pipe  
 Rolled to a 9'00 Radius



## HARDOX®

3/4" Hardox® 450 tumbling drum.  
 16" x 54 1/8" I.D.



## PLATE PROCESSING & FORMING

1" A36 Plate 25" x 24" x 8' 1" LG  
 bent 90 deg. with drilled holes