

VIRGINIA TECH INDOOR PRACTICE FACILITY

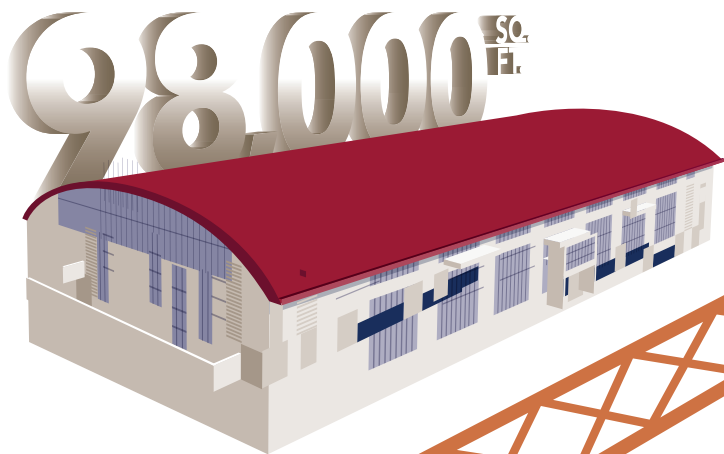
EXPERIENCE & INNOVATION GET THE JOB DONE

PROJECT REQUIREMENTS

Indoor practice facility required a metal roof system with continuous length panels that would curve to fit the structure's barrel vaulted shape.

CHALLENGE

Since spliced end laps can limit thermal movement, are labor intensive, unsightly, and introduce potential leaks, continuous length panels were vital to the success of the project. Panels of the length needed are too long for shipping – and too unwieldy for ground fabrication and hoisting.



EQUIPMENT & OPERATORS

- Mobile standing seam rollformer, typically used at plant
- 100 ton crane
- Two rollform operators with > 50 years combined experience

FABRICATION

- Crane hoisted the rollformer, operator and coil up 50 feet to the roof eave
- Each coil weighed 4000 lbs
- To save time, one operator remained on ground to load coil

MATERIAL 16" 24 Gauge Steel Fabral Stand'N Seam®

- ✓ High performance, mechanically seamed panels can be curved to span roof without end laps
- ✓ Provide highest wind-uplift resistance of any standing seam panel on the market
- ✓ Double locked side joints and low-floating clips allow unrestricted and controlled thermal movement
- ✓ Fully warranted panels can be factory or field-formed

TIME

- 12 minutes to roll form each panel
- Crew installed each panel while the next panel was run
- **Total job = 10 workdays**



WINNING RESULTS

20 year

weathertight and finish warranty

238 ft. long

floating panels provide unrestricted thermal movement

Finished facility displays prominently during televised football games

OTHER ROOF EDGE ROLLFORMING PROJECTS

University of Wisconsin
Green Bay, WI

Georgia Institute of Technology
Atlanta, GA

University of Virginia
Charlottesville, VA

FABRAL
METAL WALL AND ROOF SYSTEMS