

Fairgrounds Horse Arena:

Project: *Fairgrounds Horse Arena*

Client: *Clatsop County Fairboard*

Year Completed: *2008*

Location: *Astoria, OR*

Architect: *Michelle Dieffenbach*

Project Size: *12,960 Sq. Ft.*

Construction Costs: *\$370,000*

Subcontractor References:

- PHI Construction Inc.
Kelly Lafollette—503-788-9799
- Wadsworth Electric, Astoria, OR
Cassandra Lilenjwall - 503-325-5501

The Horse Arena at the Clatsop County Fairgrounds required a large open space with multiple uses. Some of the structure needed to be enclosed for protection. Seating needed to be moved in and out. The ground surface needed to be dirt with the structure tied together and low enough that the pounding of animal hooves were protected and did not damage the structure. All of this was to be accomplished on an uneven fill material.

We worked with the Structural Engineer to provide a foundation for the post and beam steel building system that used a piling system, dispersed the weight of the structure over the fill area and tied the structure together below grade so as to allow it to be used for an arena. The erection of the building was critical as to staging space and schedule since the fair grounds were in use for various functions during construction and it had to be completed prior to the County Fair.







