

Delano Synthetic Fields and Stadium Renovations | Delano, MN

**Over 1600 LF of 84" 5x1
14 gauge Alum-T2**

Owner

Delano Public Schools

Contractor

Peterson Companies

Consulting Engineer

Anderson-Johnson Associates Inc.

Application

This detention system was installed under a high school athletic field.

Why was this product chosen over other options?

Corrugated Steel Pipe is an economical solution for detention applications where large storage volumes are required. The storage volume of this system was designed to handle over 62,000 cubic feet.

Project Challenges

The excavation footprint was large due to the storage volume requirements. Clay soils had to be removed and clean granular backfill was brought in. Trucks, dozers, and excavators were operating continuously during working hours that happened to overlap school hours making it especially difficult during the times before school started and after school ended.

Special/unique elements of the project

This was a 4 barrel (2 manifold) system that, when assembled, was 37 feet in width by 400 feet in length making it longer than the football field itself.



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