



INTRODUCING

JAMES SWEENEY, P.E.

LICENSED PROFESSIONAL ENGINEER

CGA would like to introduce one of our newest Licensed Professional Engineers, James Sweeney, P.E.

James is an ISU Agricultural and Biological Engineering graduate with an emphasis in structural and biological design.

Structural Engineering Services that CGA now offers through James:



Wood Structures

2D and diaphragm analysis, structural design of buildings from 100 sq ft to 200,000 sq ft, including stick built, post frame, and SIP panel buildings.



Aluminum & Steel Structures

2D analysis of frames for hospital and casino signs, weigh stations, beams and columns in composite structures.



Concrete Design

Design of concrete beams, shallow supports, slab-on-grade, retaining walls and pedestrian bridge abutments.



Other

Certified SWPPP (Storm Water Pollution Prevention Plan) designer, with drainage hydraulic experience and technical knowledge in the development and design of ponds, bio-reactors, and saturated buffers.

James enjoys working with county supervisors, municipalities and various other clients. He is active in several community and social groups, and is actively pursuing his private pilot's license.

Contact James today to assist with your engineering needs!

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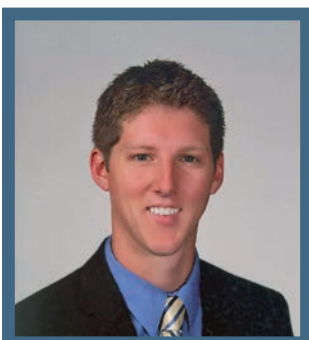


Grand Portage Casino Decorative Signage*
Hovland, MN | 2016



**Cooling Tower Foundation and Retention Basin,
Pine Lake Corn Processors**
Steamboat Rock, IA | 2017

South Dakota State University Swine Research Facility*
Brookings, SD | 2015



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*James joined CGA (formerly Ryken Engineering) in 2015. Projects shown were completed at a previous employer.