



DOROTHY DODDS ELEMENTARY

MOORHEAD, MN

Due to enrollment, the school district had a definite opening date, and in addition to quality of build and cost, speed of construction was also a major factor.

Heyer Engineering, Inc. successfully delivered early foundation and structure construction document packages. This allowed the construction manager an early start and the architectural, mechanical, and electrical teams the necessary time to complete their respective designs, all while the overall project stayed on time and budget.

Designed to house 750 students from Kindergarten through fourth grade, the building allowed each grade level a dedicated learning community with flexible learning spaces and maker labs to encourage group learning in varying sizes. Teacher planning, locker bays, satellite learning support services, and resource storage were also built. The school includes two dedicated elementary music studios, an art studio and kiln, two full-size activity gymnasiums with a connection for a future stage addition, student commons/cafe seating more than 250 students, and an independent, full-service kitchen serving both breakfast and lunch daily.

In conjunction with the architects and construction managers, multiple structural systems were selected and utilized to achieve the economic, aesthetic, and utility design concepts including:

- Structural steel stud bearing walls
- CMU bearing walls
- Structural steel beam and column
- Hybrid glulam trusses
- Open web steel bar joists
- Precast concrete hollow core planks
- Cast in place concrete foundations systems and slab on grade

Project Size: 114,000 SF

Completion Date: 2017

Project Cost: \$31 Million

Similar Projects:

S.G. Reinertsen Elementary School
Fox Hills Elementary School Development
Barnes County North Public School
Watford City Elementary School
Menahga High School
Horizon Middle School
Liberty Middle School

