



## AIA Grand Rapids Hard Hat Tour – South Christian High School

### OVERVIEW

The new South Christian High School (SCHS) is a 178,000sf building that will partially occupy a previously undeveloped portion of the 140 acre SCHS Sports Park. The tour will cover the following topics while re-enforcing the design principles developed through an intense programming phase:

#### **1) Master Plan**

- a) Design considerations for growing a building with 530 students to 700 and ultimately 1,000.
  - i) Strategies for growing the building
  - ii) Future Development.

#### **2) Site Planning**

- a) Traffic Circulation
- b) Pedestrian Circulation
- c) Site Security

#### **3) Architectural Design**

- a) Building Material
- b) Data driven interior space design optimized for learning environments.
- c) Design Solutions that allow interior spaces to be easily adapted to suit future needs.
- d) Daylighting
  - i) Natural Light in all learning spaces circulation.
  - ii) Additional daylighting strategies
- e) Accessibility
  - i) Community Spaces that are inclusive and barrier free
  - ii) Shared Experiences for Special Design Elements.
  - iii) Inclusive and Barrier Free Solutions the exceed ADA requirements
- f) Safety/Security
  - i) Overall Security Strategy
  - ii) Access Control
  - iii) Supervision
  - iv) Severe Weather Considerations
- g) Maintenance Considerations for a 75-100 year building.

#### **4) MEP Systems**

- a) Mechanical Design Considerations for learning spaces
- b) Electrical
- c) Plumbing
- d) Life Safety