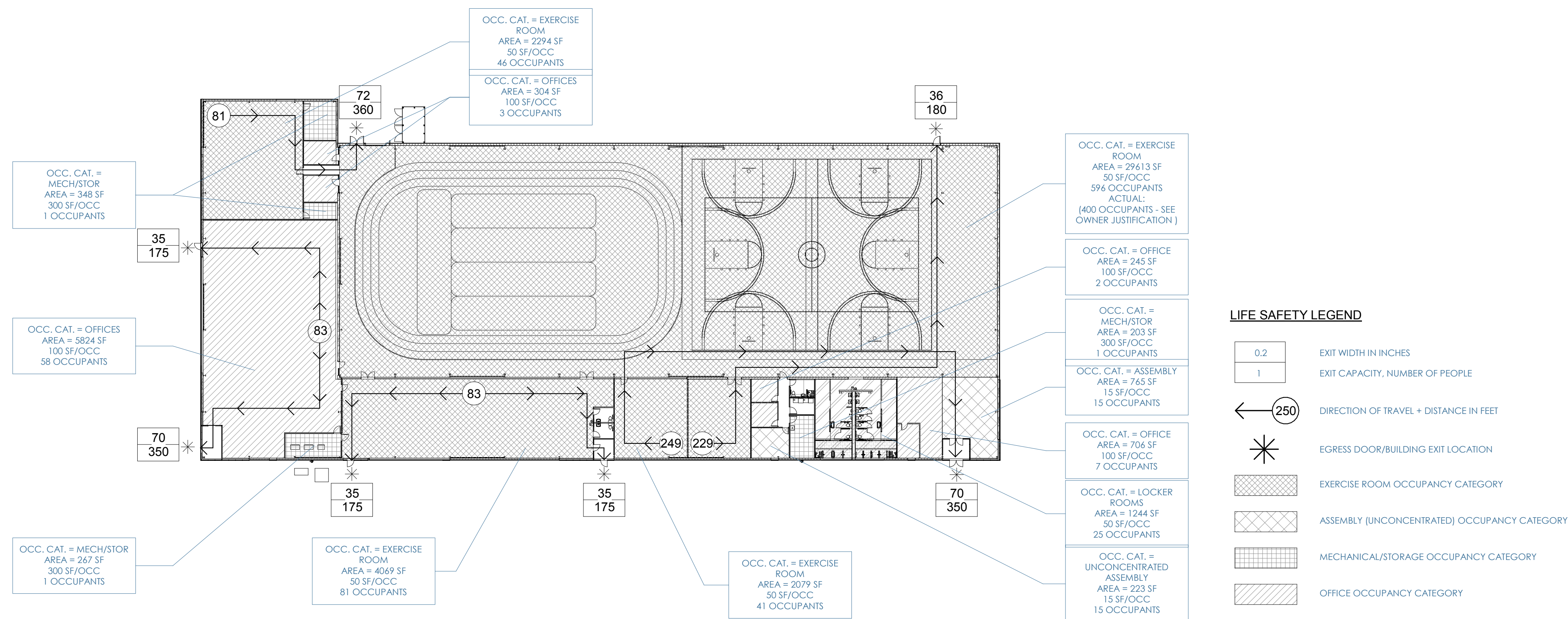


2 Site Locator Map
1" = 400'-0"



6A Life Safety Plan
1/32" = 1' 0"

Sheet List	
Sheet Number	Sheet Name
-G-100	Cover
C-101	Engineers Site Plan
C-102	Grading and Erosion Control Plan
C-103	Utility Plan STA
C-104	Utility Plan STA
A-100.A	Site Plan
A-100.B	Site Lighting Details
A-101	First Floor Plan
A-101.A	Enlarged First Floor Plan (West)
A-101.B	Enlarged First Floor Plan (East)
A-102	Roof Plans
A-111	Reflected Ceiling Plan
A-201	Elevations - Exterior
A-301	Building Sections
A-302	Building Sections
A-401	Wall Sections
A-402	Wall Sections
A-403	Wall Sections
A-404	Wall Sections
A-501	Restrooms - Plans and Elevations
A-502	Women's Showers - Plans and Elevations
A-503	Men's Showers - Plans and Elevations
A-504	Women's Locker Room - Plans and Elevations
A-505	Women's Locker Room - Plans and Elevations
A-506	Men's Locker Room - Plans and Elevations
A-601	Section Details - Exterior Envelope
A-602	Section Details - Exterior Envelope
A-603	Section Details - Exterior Envelope
A-610	Plan Details - Exterior Envelope
A-620	Details - Trash Enclosure
A-650	Details - Exterior Envelope
A-801	Door and Finish Schedules & Wall Types
A-901	Renderings - Exterior (Overall)
A-903	Renderings 3 - Fieldhouse
A-904	Renderings - Reception and Fitness
A-905	Renderings 5
S-100	Schematic Structural Intent Only - not for Construction



Plumbing
Pelikan Plumbing
144 Main St
Sullivan, WI 53178
Mike Pelikan
pelikanplumbing@yahoo.com
262-593-2290

[illegible]

Xcel
Sports Complex

Cover

Date 8/14/2015 12:41:16 PM

-G-100

Scale	As indicated
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CODE SUMMARY

Building Location:
Pitzner Parkway
SE 1/4 OF S3 T.6N. R.14E.
City of Jefferson, WI

Project Description:
This one story ~50,000sf project includes a 24hr Fitness Center, two-story fieldhouse with basketball courts, indoor running track and batting cages, and adjoining clinic.

- **Applicable Codes:**
 - Building/Dwelling Code IBC 2009 [WI Commercial Building Code, Chapter 62]
 - Structural Code IBC 2009 [WI Commercial Building Code, Chapter 62]
 - Plumbing Code Wisconsin Commercial Building Code, Chapters 81-84
 - Mechanical Code IMC 2009 [WI Commercial Building Code, Chapter 64]
 - Electrical Code NEC 2008 [WI Commercial Building Code, Chapter 16]
 - Fire/Life Safety Code 2009 NFPA-1 [WI Commercial Building Code, Chapters 1 & 30]
 - Accessibility Code ADA Standards [WI Commercial Building Code, Chapter 62]
 - Energy Code IECC 2009 [WI Commercial Building Code, Chapter 63]
 - Gas Code IFGC 2009 [WI Commercial Building Code, Chapter 65]
- *Zoning:* - Common Council of the City of Jefferson Zoning Code.

Use or Occupancy [304]:
Assembly Group [A-3]: Gymnasiums (without spectator seating)

General Limitations - Height and Area (Table 503 & 507):
Will be an 'Unlimited Area Building' per the following criteria.

- Building surrounded and adjoined by public ways or yards not less than 60 feet in width.
- Equipped throughout with an automatic sprinkler system
- One-Story

Required Rating for Construction Components (Table 601):	
Structural members supporting roof gravity loads:	No Rating Required
Structural columns supporting roof gravity loads:	No Rating Required
Exterior Walls, non-bearing:	No Rating Required, from Table 602
Interior Walls, non-bearing:	No Rating Required
Floor Construction, including supporting beams and joists:	No Rating Required
Roof Construction, including supporting beams and joists:	No Rating Required

Interior finishes: Fire Resistance-Rating (Chapter 8):
Exit enclosures and exit passageways: Class B
Corridors: Class B
Rooms and enclosed spaces: Class C
Interior floor finish: Class II

Means of Egress:
Max. Travel Length: 250' - 8 Use w/sprinkler (Table 1016.1)
Dead-end Corridor: <50'-0" w/sprinkler

Egress Width per Occupant (Table 1005.1):
The total width of means of egress in inches shall not be less than the total occupant load served by the means of egress multiplied by 0.2 inch per occupant.

Common Path of Travel (1014.3): 75ft
Number of exits per story (1019): 3 (501-1,000 people)

Minimum Plumbing Facilities - Section 2902

- Sports Complex & Fitness Center

- Total Occupant Load - 677
- Male = 339

- WC's = 3 (1 per 125)
- Lavatories = 2 (1 per 200)

- Female = 339
- WC's = 3 (1 per 125)

- Lavatories = 2 (1 per 200)

 $\Delta \ln W_{\text{drinking}} = 2.1$ per year

- Total Occupant Load - 82

- Male = 41
- WC's = 1 (1 per 125)

- Lavatories = 1 (1 per 200)
- Female = 41

- WC's = 1 (1 per 125)
- Lavatories = 1 (1 per 200)

- Drinking Fountains = 1 (1 per 500)

- 1 Service Sink (entire facility)
