

NOTRE DAME DE LA SALETTE

GYMNASIUM UTILITY ADJUSTMENTS




Location

Olivet, Illinois

Timeline

2014



Notre Dame de La Salette Boys Academy made a significant investment in the renovation of their existing gymnasium. The renovations included a building expansion which required relocation and protection of critical utility feeds including sanitary sewers, storm sewers, water lines, gas lines, telecommunication lines, and electrical lines.

Scope of Work:

- Relocation and redesign of conflicting sanitary sewers and storm sewers to an area outside of proposed gym expansion
- Determine locations and plan for protection of existing water lines, gas lines, telecommunication lines, and electrical lines during construction

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POST-CONSTRUCTION GYMNASIUM RENOVATION



The Challenges:

1. Locating privately owned utility lines
2. Utility service sizing to meet the needs of the new development while ensuring the existing utilities remain functional
3. Coordination of proposed utility relocations with building renovation architect/engineers to ensure constructability

Solutions provided by C2:

1. Sub-contracted utility locating to identify location of all existing privately owner utilities
2. Performed topographic survey and coordinated with architect to confirm location of the proposed building expansion
3. Reviewed building plans by other architect/engineer to ensure utility service connections were consistent
4. Designed sanitary sewer system to operate in accordance with the fluctuating seasonal use of the campus and ensured state requirements were met
5. Designed storm sewer system to avoid damage to existing irrigation system and adequately convey the proposed increased stormwater runoff

C2 Engineers surveyed and designed utility relocations necessary to complete the gymnasium expansion and provide continuous service to the existing facilities.

Reference: Father McMahon
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