Case Study

LOCATION:

- Flagstaff, AZ

HIGHLIGHTS:

- 88,628 sq.ft. heating
- 13,000 sq.ft. snow melting

ARCHITECT + ENGINEER:

- Brent Maupin Eng. and Design

MECHANICAL ENGINEER:

- Whole House Supply

GENERAL CONTRACTOR:

- BED Southwest

DETAILS:

- Church Building
  - 16 manifolds & 89 loops
  - 430 ft 1" PEX mains
  - 23,000 ft of HeatLink ½" Oxygen Barrier PEX-a Tubing
- School Building
  - 50 manifolds & 325 loops
  - 1,780 ft 1" PEX mains
  - 4,960 ft 1 ¼" PEX mains
  - 93,150 ft of HeatLink ½" Oxygen Barrier PEX-a Tubing
- Snow melting areas
  - 11 manifolds & 63 loops
  - 1,655 ft 1 ½" PEX mains
  - 150 ft 1 ¼" PEX mains
  - 20,300 ft of HeatLink ¾" Oxygen Barrier PEX-a Tubing

San Francisco de Asis Parish Catholic Church & School

Following the consolidation of all the Flagstaff Parishes into one San Francisco de Asís Parish, the growing Catholic community outgrew its current facilities and has built a new church and school facility on McMillan Mesa.

The new Parish Center and School was completed in phases with Phase One allowing Preschool/Pre-Kindergarten and Kindergarten through 5th grades to occupy the new school building August 2016. Once Phase Two of the new school was complete in December 2016, the middle school, grades 6th through 8th joined the rest of the school at the new facility. The new school facility includes a large gym, a new library, art room, computer room, science lab, music room and more.

Construction of the school was completed in January 16, 2017 and was an exciting time for all Catholic families in Flagstaff.

The radiant designer used flow through manifolds to simplify installation and lower material and labor costs.

HeatLink supplied almost 150,000 feet of PEX-a tubing to the project for the radiant heating and snow melt systems in both the church and school.

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