

# St. Michael Building Committee

June 5, 2019 – Meeting VI

## Building Committee Members:

Present      Randy Chevalier – Building Committee Chairman  
Fr. Borowiak      Taylor Ashburn      Sue Braun  
Judy Charlson      Bill Graeve      Mike Morgan  
Ed Ring

Joe Kotulak and Randy Milbraith representing RDG  
Adam Kent and Karen Nalow representing Clark Emerson

Absent      Dr. Josh Miller

The meeting began in the day chapel in front of the Blessed Sacrament.

An emphasis of the meeting was site development and engineering systems.

A short review of previously discussed items including all pews facing forward, a flat floor with an additional step added to the sanctuary, the day chapel in the nave, and the baptismal font in the narthex. Briefly touched on the cry room location inside the nave, the bride's room and meeting rooms.

Adam discussed heating and cooling and the location of the mechanical rooms/heat pumps. We would continue utilizing the closed loop geo-thermal system. We have a geothermal well field and we could add 90 wells to connect to the current system, with a minimum of 60-70 wells needed. He indicated we would probably have to add pumps. The goal is to move air slowly so it is quiet and allows for incense to go straight up. They want it so you do not hear the units kick off and on. There would be north to south zoning split. With heat pumps the maximum duct work length is 125 ft. Duct work would be hidden behind soffits and statues.

As for the lower level, 12 heat pumps would be added, one for each room.

Mike asked about solar energy as an option, and Randy M said it would be very expensive.

The current maintenance building, which 30' by 50' foot, is 50% used for storage and the remainder for lawn/snow removal equipment. Several options were discussed for moving it, but due to cost and logistics, it will move east and possibly add a 30' by 30' next to it for additional storage.

Karen updated the parking lot. After reconfiguring, we would go from 347 to 351 parking stalls and retain 10 ADA stalls. While we would lost stalls for the church, we would gain additional parking closer to the current school building. Karen said the max grade for parking lot slope is 4 percent. Some currently east/west facing would rotate to north/south. As part of this reconfiguration, there would be a redirection of school drop off flow. Sue wanted to ensure we have a wide sidewalk for drop off/picking up school children.

It was suggested that the circular portion on the outside on the south side be eliminated or squared off. The circular portion inside would not be easy to utilize as storage space, the squaring it off would save construction cost and allow more light in the basement.