

Church Building Updates

Construction Update: June 21, 2020

The Exterior Insulation Finish System (EIFS) is complete on the outside of the church. This is the light brown sections above the brick. We expect the east parking lot to be poured this week. Retaining wall ornamental fences will also be installed.

On the upper level, lights are being installed, painting and staining is in progress. The fire sprinklers are being installed and painted.

On the lower level, the elevator is being installed. Sprinkler piping install is still in process.

We are still on track for a completion date of September 11.

Construction Update: June 7, 2020

The roof is complete. There is still some work to be done on the east entrance to the building (36th St side) but the outside of the building will be done soon. There is also some grading to be done between the school and the new building. Once all the grading is complete, expect to see some cement trucks coming to complete the parking lot.

On the upper level, the rose windows have been installed and the clerestory (upper) windows should be installed in the next two weeks. Also, this week, preparations are being completed for pouring of the sanctuary platform which will hold the altar, ambo, presiding chairs, etc. The platform is about 20 inches higher than the nave where the pews sit.

The St Mary and St Joseph statues have arrived from Italy and are being stored for us by Cosgrave.

On the lower level installation of the Elevator continues. Drywall and mudding are wrapping up.

Construction Update: May 28, 2020

The south side of the roof is complete, and the north side should be done this week. On the outside of the building, the EIFS (Exterior Insulation Finish System) will continue to be applied above the brick.

On the lower level installation of the Elevator should start this week.

On the upper level on the inside, the two rose stained glass windows have been installed. The clerestory (upper windows) should start this week.

Construction Update: May 21, 2020

On the site, we will see some dirt movement in order to backfill around the building and to smooth the steep grades from 36th street and the school playground.

On the outside of the building, the EIFS (Exterior Insulation Finish System) will continue to be applied above the brick. Finally, shingling will continue on the roof.

On the lower level on the inside, ceiling grids will be installed and above ceiling drops like sprinklers, lights and vents will be set. Also, installation of the Elevator should start this week.

On the upper level on the inside, the installation of fire sprinklers will continue, framing of the choir steps will start and the pouring of the sanctuary floor will commence.

Construction Update: May 14, 2020

We should see shingles any day now and it will take about two weeks to complete. After the shingles and EIFS are complete the outside of the building will be pretty much finished.

The brick is complete on the outside of the building with the exception of some work on the east side entrance. The contractor has made significant progress on the application of the EIFS (Exterior Insulation and Finish System) to the remainder of the exterior of the building.

On the upper level, drywall continues. Ducting is pretty much complete. All major pieces of equipment for the heating and air conditioning systems are in place.

On the lower level, the Parish Offices have been painted. The restrooms have been tiled. The contractor is currently installing the grid for the false ceiling.

Construction Update: Apr 19, 2020

Things are really starting to move now that the weather has improved. The brick on the outside of the building is complete and the contractor has started to apply the EIFS (Exterior Insulation and Finish System) to the remainder of the exterior of the building. The connecting road between old and new parking lots is complete as well as most of the west parking lot in front of the church. The remainder of the west parking lot will be complete with the removal of excess dirt.

On the upper level, drywall continues and ducting on the mezzanine level. Work on the front wall begins with the application of the rock texture.

On the lower level, tile is being put down on the floors where applicable and walls are starting to be finished.

Construction Update: Apr 12, 2020

Work on the new church continues as scheduled. We expect to complete the pouring of concrete for the west parking lot and parking lot connecting road this week. On the lower level, mudding and application of primer will start. On the upper level, electrical and plumbing rough-ins continue and framing of the mezzanines will start.

Construction Update: Apr 5, 2020

Work on the new church continues as scheduled. It is a big week. We expect to finish bricking this week and to finally pour concrete in the northwest parking lot and connecting road. On the upper level, duct work continues as well and framing and some drywall work. On the lower level, taping and mudding is likely to start this week. EIFS (External Insulation and Finish System) will start in some parts of the exterior this week. Similar in appearance to stucco, EIFS is an acrylic based finish applied over an insulation panel and applies an "R" factor to the wall. In

general, the material above the brick is EIFS. Completion date remains September 11.

Construction Update: Mar 28, 2020

So far, work on the new church continues as scheduled. Probably the big news is bricks are on site and at the writing of this note, the mason had completed about four feet on the south side. We are waiting for things to dry out before completing the concrete pour to the west parking lot and north connecting road between parking lots. Drywall is almost complete on the lower level with taping and finish this week. We expect water will be charged to the building this week as well as permanent electrical power. Plumbing rough continues on the upper level, as well as duct work.

Construction Update: Mar 18, 2020

At least the coronavirus has not affected work on the church yet. We are waiting for things to dry out to pour concrete on the northeast parking lot and connecting road. Drywall continues on the lower level. We should start to see brick toward the end of the coming week.

Completion date remains September 15, 2020.

Construction Update: Mar 11, 2020

This week the excavator will be out to grade the northwest parking lot and the connecting road in preparation for pouring concrete the week of March 23. Dry wall is being installed and taped on the lower level. On the upper level framing, electrical- and plumbing-rough in continues. We should also see brick delivered and installation started over the next two weeks.

Our statues of Mary and Joseph are complete and are being prepared for shipping from Italy.

Construction Update: Mar 3, 2020

A lot of work being done internally, now that we have a waterproof roof. On the lower level, drywall will be going up in the parish offices and the plumbing rough in the bathrooms. On the upper level the electrical rough-in, in the sacristy, will be done as well as ducting and soffit. Fire sprinkler work will be done on the upper and lower levels.

Coming within the next few weeks: Bricks!!

Completion date remains September 15, 2020.

Construction Update: Feb 26, 2020

Roof blocking at the perimeter continues. The electricians will complete the above roof rough-ins at the north high roof. This will coincide with the continued progress of the vented nailbase and sheathing installation, with the intention that the electrician should be complete before the roofer catches them.

The framer is completing the exterior sheathing and working on interior framing also. The high windows in the frame walls will be waterproofed when sheathing is complete so the aluminum framed windows can be set. The remaining wood framed windows will be set in the coming weeks also. The large round ductwork in the nave soffits will begin installation in conjunction with the soffit framing.

Completion date remains September 15, 2020.

Construction Update: Feb 18, 2020

This week, work continues to “seal” the building from weather by closing in the east and west ends of the church. Windows have been installed on the lower level and some on the upper level. Note that these windows are the clear exterior thermal panes. Any stained glass will be inserted into these from the inside of the church.

Stained glass will be installed a few weeks before the completion date. (Note that only one of the 14' stained glass windows has been purchased [St Michael the Archangel]. St Joan of Arc, St Padre Pio, St Faustina, St John Vianney and St John Paul II are still available to purchase for a memorial or dedication for the bargain price of \$36,000 ea.)

On the lower level, the electrical and plumbing rough-in is complete and framing and sheeting continues. On the upper level, framing has started, and plumbing may start late in the week.

On the roof, the insulation and nail-base will be installed and then sealed with a roofing felt which will provide interim water proofing until shingles are installed in the spring.

Completion date remains September 15, 2020.

Construction Update: Feb 12, 2020

This week work continues on the roof to seal it from weather. Expect to see insulation and nail decking and felt applied to the roof. Once the felt is in place, it will be considered watertight even without shingles. Shingles will wait until warmer weather to ensure proper sealing.

All windows are installed on the lower level and will continue to be on the upper level. City inspections are complete on the lower level electrical and plumbing roughins. Interior framing will now begin on the upper level.

Completion date remains September 15, 2020.

Construction Update: Feb 4, 2020

This week a lot of work will be done on the east (36th St) upper level entrance with placement of precast concrete and framing. Also, this week work continues on the south side roof to make it watertight so that drywall can start on the lower level south side where the Parish Offices will be. Don't expect to see shingles soon though as it is too cold for them to seal properly. On the lower level, ducting, plumbing and electrical rough-in is almost complete and city inspectors will be certifying the work prior to the start of drywall placement. Finally, in the next two weeks, all windows

should be installed which will allow for the building to be heated so that we are no longer subject to the weather.

Construction Update: Jan. 29, 2020

Work in the coming weeks includes installation of the light poles weather permitting. On the lower level water line work continues above ceiling and feeder conduits are being run in the same area. On the upper level the roof blocking, soffit and fascia will continue. The Tongue & Groove decking should be complete this week. Lighting rough-ins are concluding on the lower sloped areas and will begin on the steeper pitches when available. The exterior walls are being framed, with a concentration on completing the dormers so the sheathing work can finish. Exterior roof drain installation will occur this week. Mechanical equipment will be set on the mezzanines. The clad wood windows and storefront frames will begin to be set at the end next week.

Unfortunately, we have a new revised completion date of September 15, 2020.

Construction Update: Jan. 21, 2020

Work continues on the roof. The wood decking should be complete this week. The electrician will continue his rough in of the sanctuary lights from the ceiling. Following that, a layer of insulation will be laid with a felt sealer. Shingles are not expected to be applied until the Spring. Windows!! Clear glass windows will start to be installed commencing 1 February, lower level first.

Construction Update: Jan. 13, 2020

Work continues on the roof. Progress will be heavily dependent on the weather. The “deck” (wooden part) should be finished on both sides of the roof this week. The Electrician will finish his rough-in which will include the running of conduit (pipes) to run the wires. Framing of the “Stations of the Cross” should also finish this week. Heavy Equipment (for heating and air conditioning) will be placed on the mezzanines in the four corners of the Upper Level.

Construction Update: Dec. 15, 2019

Pretty much the same update as last week. The contractor will be working on the wooden deck of the roof with the electrician then running lighting and wiring conduit. You will also start to see the “dormers” for the clerestory windows on the upper part of the roof. They will also be finishing up the roof on the Chapel radius on the west side of the church.

Rough-in work continues on the lower level. Plumbing should be wrapping up this week and the electrician will be pulling wire. The lower level is now heated by a large capacity propane gas heater which should allow work on the lower level to continue through the cold winter days. We are not quite there yet with the upper level.

Construction Update: Dec. 10, 2019

The contractor is making great progress on the roof. They finished putting the wood “deck” on the south side and expect to finish the north side this coming week. Then the electrician will rough in wiring for the lights, then insulation, then shingles. We are still shooting to have a finished roof by 1 January.

On the lower level, plumbers are doing rough-ins as well as the electricians. They will be putting a roof on the Chapel radius this week or next.

Construction Update: Dec. 2, 2019

The trusses are up and now the contractor will put in the purling’s between the trusses for support. All of the purling’s are also glulam (laminated wood) and will be visible from the Nave and Sanctuary. On the lower level, the subcontractors continue to rough in the plumbing and electrical systems. The ventilation system is largely complete. Weather permitting the parking lot to the east (between 36th St and the Church) and the connecting road between the old and new parking will be poured this week.

Construction Update: Nov. 14, 2019

You may have noticed the beams going up that have a plastic sheathing around it. This are our “glulam” exposed beams. Glulam (glued-laminated timber) is an engineered structural wood product that consists of multiple individual layers of dimension lumber that are glued together under controlled conditions. Our glulam comes to us from Canada. All Canadian glulam is manufactured using waterproof

adhesives for end jointing and for face bonding and is therefore suitable for both exterior and interior applications (interior in our case). Glulam has high structural capacity and is also an attractive architectural building material.

Glulam is commonly used in post and beam, heavy timber and mass timber structures, as well as wood bridges. Glulam is a structural engineered wood product used for headers, beams, girders, purlins, columns, and heavy trusses. Glulam is also manufactured as curved members, which are typically loaded in combined bending and compression. It can also be shaped to create pitched tapered beams and a variety of load bearing arch and trusses configurations. Glulam is often employed where the structural members are left exposed as an architectural feature (as in our case).

Our glulam is being provided by REW Supply.

Construction Update: Nov. 5, 2019

On the upper level, steel erection will continue for the next several weeks with the plan to have the roof on and sealed by the end of the year. On the lower level, framing of the Parish Offices continues. Also, installation of heating and air conditioning ducts and fire sprinkler system will start this week. The final pour of concrete into the outside walls is scheduled for the end of this coming week with the finish of the radius (curved) wall on the west side of the upper level.

Construction Update: October 29, 2019

Ready to ship!! Our hand carved and hand painted sanctuary statues of Mary and Joseph are ready to ship from Italy. Here is what they look like:

Meanwhile back at the job site, steel beams continue to go up to support the roof. The excavator is backfilling the east side of the church with dirt. In the lower level, framing of the Parish Offices continues. Finally finishing of the Chapel wall (west



side round) is continuing with a concrete pour next week.

Construction Update: October 13, 2019

This coming week we should start to see some steel going up to support the roof. The initial beams will be placed in the east and west ends of the structure. Also this week, the contractor will start framing (putting up interior wall structure) on the

lower level. We will also be waterproofing the structure below ground level to prevent moisture intrusion.

Our subcontractor of the week is Senegal Specialty Contracting, Inc. These are the folks who will be waterproofing our building. Senegal Specialty Contracting, founded in 2002, started in the industry by providing waterproofing and joint sealants to residential home builders and general contractors. They have evolved into one of the area's largest commercial and residential waterproofing specialists. Their commercial experience includes a very diverse list of projects, including hospitals, schools, retail stores, water treatment plants, industrial sites, churches, hotels / motels, sports arenas, strip malls, manufacturing facilities, large multi-level commercial facilities, airports, parking garages, car dealerships, multi-family dwellings, senior living facilities, etc.

Construction Update: October 9, 2019

The concrete boom has again come and gone completing a pour of the top of the walls and the floor of the lower level. This coming week the electrical folks will be running fiber from the new building to the basement of Building 2 to connect up the two buildings into the same campus local area network. The current schedule shows steel erection starting on 21 October.

Construction Update: October 1, 2019

Due to the excessive rain, progress on the lower level has slowed. It may be another week or two before we can lay concrete on the lower level. Meanwhile, the wall is nearly complete on the upper level and the concrete boom will be back soon to pour concrete inside the walls. Also, in the next two weeks, the contractor will be laying a fiber line from the new building to the basement of Building 2 to connect to our campus router. This will give IT connectivity between Church and School.

Construction Update: September 20, 2019

The concrete boom has come and gone and has completed a pour of concrete to the top of the current wall. The electrician and plumber have completed laying

underground conduit and the pouring of concrete on the lower level should occur this week. Our subcontractor of the week is our concrete paving and interior flatwork contractor, Oxford Construction. Oxford Construction Co., Inc. is a family owned concrete contractor business serving the Omaha metro and Midwest area. With over 50 years of combined concrete experience, they have a long history of successful projects throughout Omaha and the Midwest. They believe in providing first-rate service and innovative designs to their customers. Oxford Construction uses only the highest quality cement materials and technology and ensures that every client's project is completed on time and within budget. Check them out at their website: <https://www.oxfordconstructionco.com/>

Construction Update: September 5, 2019

The concrete has been "placed" on the upper level. Hopefully, this will limit the amount of rain flowing into the lower level where excess moisture has slowed the process of laying underground plumbing and electrical conduit. Our subcontractor of the week is Americom who is doing our Data, Intrusion Detection and Access Control. We will have a state-of-the-art security system for the new building with 24hr 100%-coverage video surveillance, automatic locking doors, remote access control and card readers at key access points during the week. Americom has served Southeast Nebraska for over 30 years and counting. It takes pride in its ability to meet customers' needs with quality products that evolve for growth in the years to come, while providing efficient solutions for today. Check them out at their website: www.americom.biz

**INNOVATIVE INSULATED CONCRETE FORMS USED
ST. MATTHEW CHURCH - NEW CHURCH
BELLEVUE, NEBRASKA**



Walk-out Lower Level



Insulated Concrete Form Exterior Walls



Main Floor Structural System



Rendering of Completed Church

After 20 years of celebrating Mass in the School Gymnasium, St. Matthew the Evangelist Catholic Church is in the process of building a 700 seat Church. The new church facility will incorporate the Parish Office Suite, Fellowship Hall, Kitchen, Conference Rooms, and Storage in the lower level of the structure. The church will be located on-site south of the existing St.

Matthew's Elementary School on South 36th Street in Bellevue, Nebraska. The structure is designed to work with the natural site contours and provide lower level "walk-out" on the west side of the building for ease of accessibility to the Fellowship Hall and Parish Offices.

Construction started in the Spring of 2019 and is scheduled to be substantially complete by May 15, 2020. JJA suggested the use of a non-conventional construction process to save construction costs and improve energy efficiency. In lieu of the typical concrete block and metal studs, the St. Matthew Building Committee agreed to use Insulated Concrete Forms (ICF) for the exterior walls. The ICF Blocks are a stackable insulated form with 2 5/8" rigid insulation on each side with ties at 8" o.c. which supports vertical and horizontal reinforcing. After the ICF blocks have been stacked, concrete is placed in the center of the forms. This provides a resilient wall with a R-value of 26. Drywall can then be screwed directly to the ICF ties, which alleviates the need for additional furring. Masonry ties are available from the ICF manufacturer that allow for the installation of brick veneer. An EIFS system does not require added insulation. The finish coat can be directly applied to the ICF Blocks. Previous utility studies have shown substantial saving for both heating and cooling. This was another benefit St. Matthew considered before deciding to agree to use this system.

The interior framing is comprised of structural steel, metal deck, metal studs, and large glued-laminated roof trusses. These trusses provide the traditional church atmosphere, which was a priority for this congregation.

The St. Matthews Community is enthusiastically anticipating the opening of the long awaited Church Building. Their next Parish activity will incorporate the signing of a structural beam that will support the glu-lam roof structure.

Construction Update: August 29, 2019

The contractor has laid sections of steel mesh (6" x 6") on the upper level. These are held above the floor about 2" by supports called "chairs". This will allow the concrete to flow into the mesh which provides strength to the concrete when cured. The concrete should be poured on the upper level soon. Meanwhile, moisture on the lower level due to rain has slowed the installation of underground plumbing and electrical.

In the last update, it was mentioned that some legacy sanitary drain infrastructure was discovered while excavating the connecting road between the old and new parking lots. Thanks to our Minutemen led by Dick Lewis and Terry Veylupek and supported by Mike Gottshall, Dick Harrington, Keith Weis and Mike Lukasina, the manholes and piping were removed at no additional cost to the contract. Thanks to the Minutemen.