



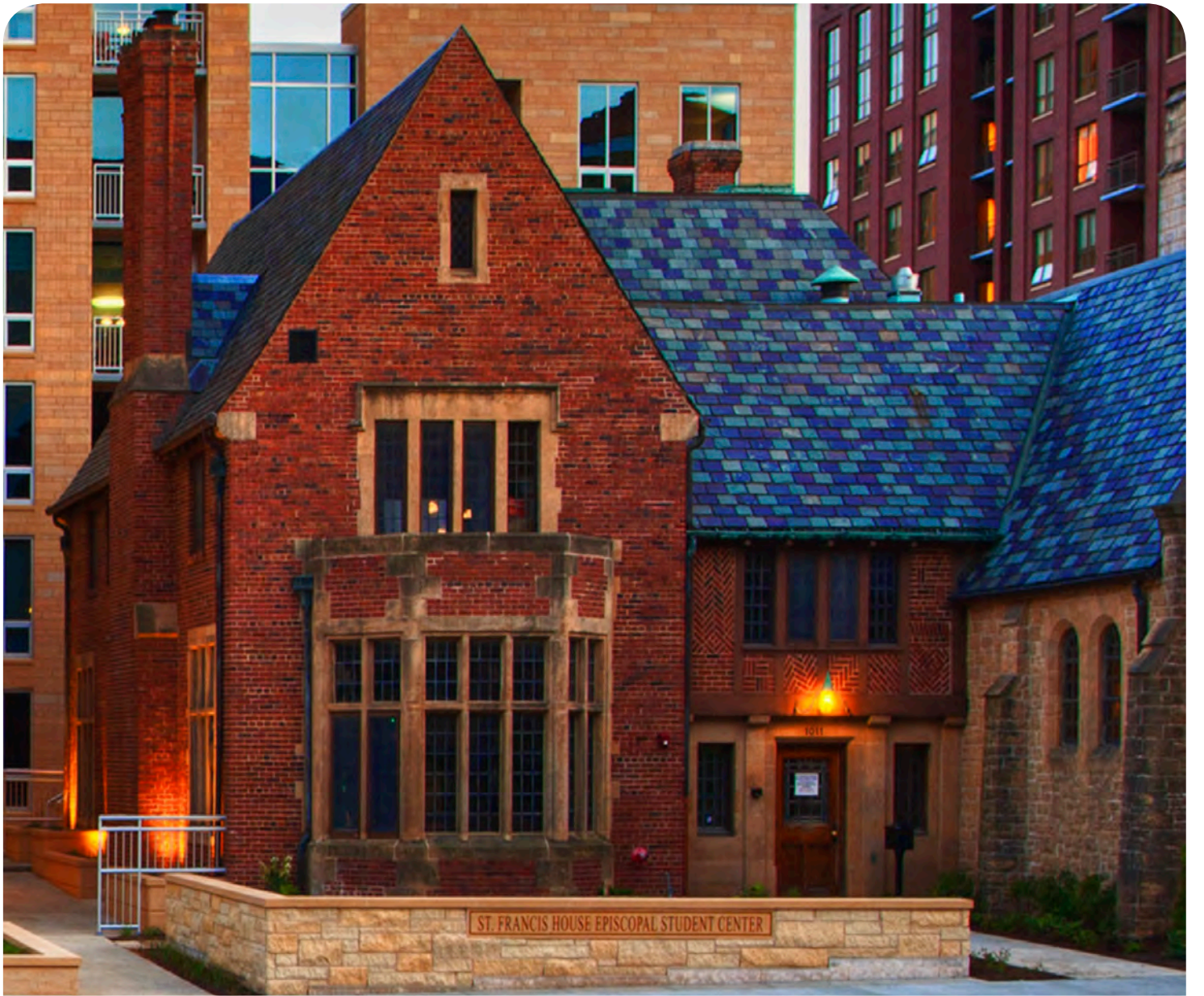
## FRED T. GOLL HOUSE

1550 N Prospect Ave  
Milwaukee, WI

Historic Building  
Relocation  
Experience









PRE PLAN WORKSHEET  
Goll Mansion Move



DRAFT

GENERAL INFORMATION

Project Contact Phone Numbers:

Stevens PM ( )...-....  
Stevens Supt. ( )...-....  
Engineer of Record ( )...-....  
Architect ( )...-....  
Chris Houden ( )...-....  
City Inspector ( )...-....  
City Official ( )...-....  
Crane Operator ( )...-....

Address: 1550 N. Prospect Ave.  
Milwaukee, WI

Estimated Weight:

Square Footage:

Depth of Lower Level:

Height of Structure:

Property Line:



FRONT ELEVATION



REAR ELEVATION

Other Documentation Needed: Structural Calculation (approved and stamped)  
Structural Beam placement layout (approved and stamped)  
Historical requirement narrative  
All permits

EQUIPMENT AND TOOLS

Tractor  
Trailer  
Forklift: 10,000 lb capacity  
Bander and banding  
Nylon Straps (10k capacity, 6',8',12')  
Rigging gang box  
Dunnage  
Hillman rollers  
Chain falls  
Leveling instrument  
Hand Tools  
Steel beams and trusses  
Blocks  
Lumber and bracing

MANPOWER

- 1 Crane operator
- 2 Truck driver/operator
- 1 Forktruck operator
- 4 Riggers
- 3 Carpenters
- 3 Laborers
- 2 Management

QUALITY

Quality kickoff meeting must be held  
All interior work must be planned and approved by onsite team  
Complete layout must be done prior to saw cutting on masonry  
All beam placements must be checked with shop drawings  
Site plan for neighboring and public space must be done before move  
All public notifications completed prior to move

SCHEDULE

	week 1	week 2	week 3	week 4	week 5	week 6	week 7	week 8	week 9	week 10	week 11
Pre - Planning											
Obtain approvals											
Interior Prep											
Exterior Prep											
Excavation											
Rigging											
Stabilization											
Prep destination											
Move											
Stabilize											
Cleanup											
Demobilize											

SAFETY

All PPE required at all times  
Excavations must be protected  
Any structural penetrations must be approved by EOR  
Hot work permits required at all times  
All masonry cutting must adhere to OSHA regulations  
Discuss all pinch points prior to move  
Site specific safety plan must be complete prior to project start  
All employees must attend site orientation



### ST FRANCIS HOUSE RELOCATION PROJECT MADISON, WI

The relocation and preservation of the 1930's masonry chapel, St. Francis House, was a huge undertaking, due to its excessive weight and unique construction. The church was moved aside and a two level underground parking structure was built before the church could be relocated over its new foundation on the same site. The total gross square feet of the church was 8,450sf and towered more than 47'3".





## ST FRANCIS HOUSE RELOCATION PROJECT MADISON, WI

Structure was put in place through the existing foundation in preparation for raising the building.





### ST FRANCIS HOUSE RELOCATION PROJECT MADISON, WI

The entire building was raised 8 feet off it's foundation and made ready to move out of the footprint of it's new foundation.



### ST FRANCIS HOUSE RELOCATION PROJECT MADISON, WI

The building was moved horizontally on site over steel rails using a high pressure bearing system. The total weight of St. Francis house is 600 tons.





## ST FRANCIS HOUSE RELOCATION PROJECT MADISON, WI

Concrete and brick foundations support St. Francis House in it's new location. The underground parking structure for the new student tower surrounds St. Francis House.





### ST FRANCIS HOUSE RELOCATION PROJECT MADISON, WI

St. Francis House now sits nestled into its new location. Although the foundations for the buildings are integral, each building has a separate presence as part of a well coordinated whole.





## CONKLIN HOUSE RELOCATION PROJECT MADISON, WI

The relocation of the Conklin House was unique due to the fact that the house was cut in half and moved in two sections, with a separate trip for each section. The route to the new location took us through the heart of downtown Madison. The total gross square feet of the Conklin House was 6,400sf and towered more than 56'6".





### CONKLIN HOUSE RELOCATION PROJECT MADISON, WI

Once both sections were relocated they were set on a new foundation and tied back together.  
The house was then renovated inside and out.





### **212 W. GORHAM ST RELOCATION PROJECT MADISON, WI**

The Gorham Street building is another example of a historical building that was relocated off of a new apartment development site. Once relocated the interior was renovated into student apartments.









THANK YOU

