



# CASE HISTORY

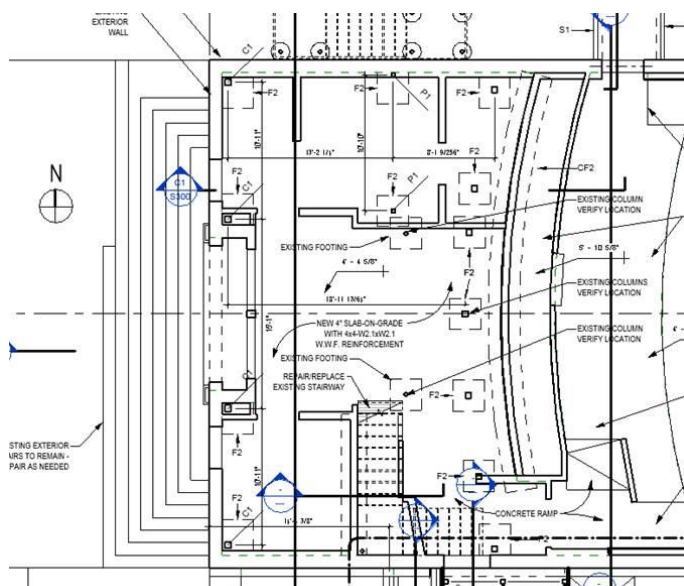
*SAFEBASE™ 2.875" STANDARD DUTY HELICAL PIERS*

## OPERA HOUSE RENOVATION AND REPAIR USING SAFEBASE HELICAL PIERS



Anchored Walls had recently completed a project at the Brooklyn Iowa community center for the general contractor Neuman Brothers – Design Build installing helical piers. The neighboring Opera House was also undertaking a renovation that would require the installation of helical piers as well. Plans were sent to SafeBasements with the

existing conditions and plans were made for the helical piers to be installed to support the new and existing footings and grade beams. A total of eight SafeBase Standard Duty Helical Piers were installed with SafeBase Standard Duty Retrofit Bracket Assemblies, along with fifteen new construction piers. The neighboring project required ten new construction helical piers to support the footings and grade beams, totaling 33 helical piers installed.





The required load per pier ranged from 5 to 38 kips. The SafeBase Standard Duty Helical piers were installed to depths ranging from 15 to 47 feet, with the deeper piers supporting the greater loads. The piers requiring a working load of 38 kips had leads with 10"-12"-14" flights, the piers with loads from 5 to 16 kips had leads with 10"-12" flights. The projects were completed in May and June of 2019. The Opera House now supported with SafeBase Standard Duty Helical Piers will now be ready for the rest of the renovations to be completed, and be put back into operation.



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