



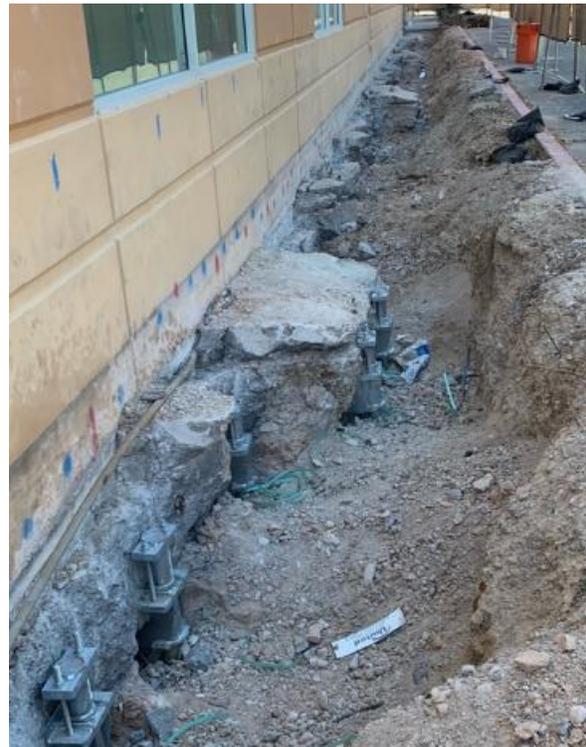
CASE HISTORY

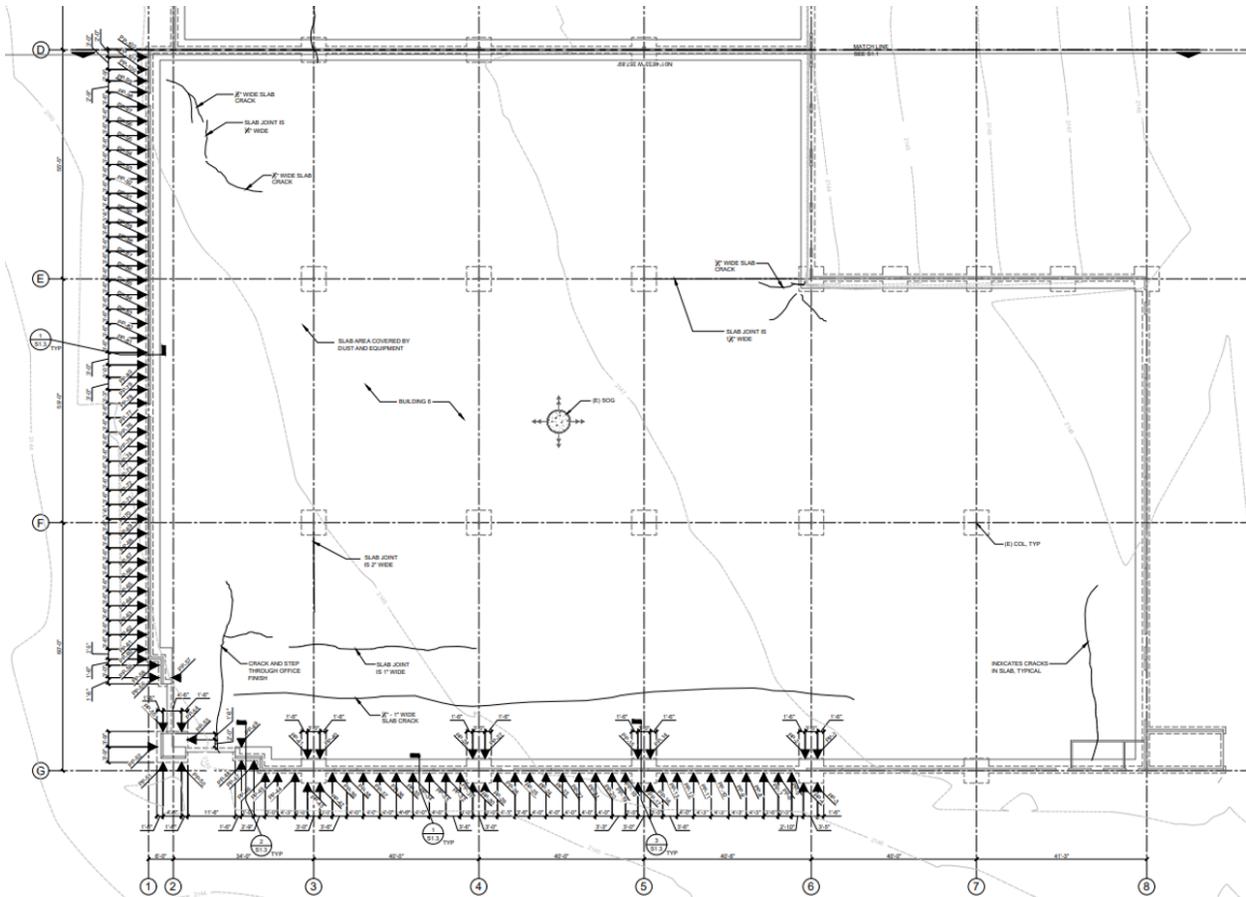
SAFEBASE™ PUSH PIERS

2835 COLEMAN ST, NORTH LAS VEGAS



EagleLIFT was contacted regarding a large commercial building in Las Vegas with settlement issues. The settlement was causing the exterior walls to tip outwards. Temporary supports were constructed by others to prevent the walls from tipping out further. To create a true fix to the problem, a plan was created to lift a corner of the building using push piers and fill beneath the slab with polyurethane. The foundation would then be supported by steel pilings and no longer be subject to further settlement. The plan consisted of 277 SafeBase™ Standard Duty Push Piers with SaberTooth™ Bracket Assemblies. The plan also included 30,000 lbs of polymer and 300 linear feet of crack repair using carbon fiber staples.





Excavation was outsourced and completed using an excavator with hydraulic breaker bit. The footings to be prepared to accept the bracket were 2' thick with a 3' toe. Each bracket was bolted to the foundation and had any gaps filled with a high strength quick setting mortar mix. The project took four months to complete and required approximately 5,000 man hours. The project was a success with an average 7" overall lift. The lift was completed in stages due to the size of the area that was being lifted. A video of the lift can be seen by following the link below. The project was completed in September of 2022. [CLICK HERE TO SEE THE LIFT](#)



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