

CASE STUDY

Wilson Street Building

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BEFORE



AFTER



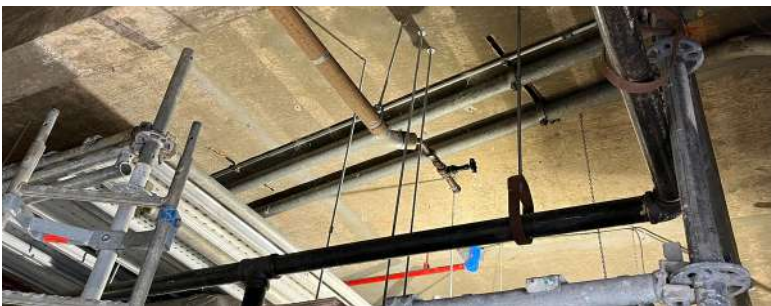
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ISSUES

- Existing concrete roof slab did not meet strength and deflection requirements for adding 3 cell towers to the roof
- Risk of long-term performance issues due to excessive deflection
- Project required a non-invasive solution that avoided roof demolition



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REPAIRS



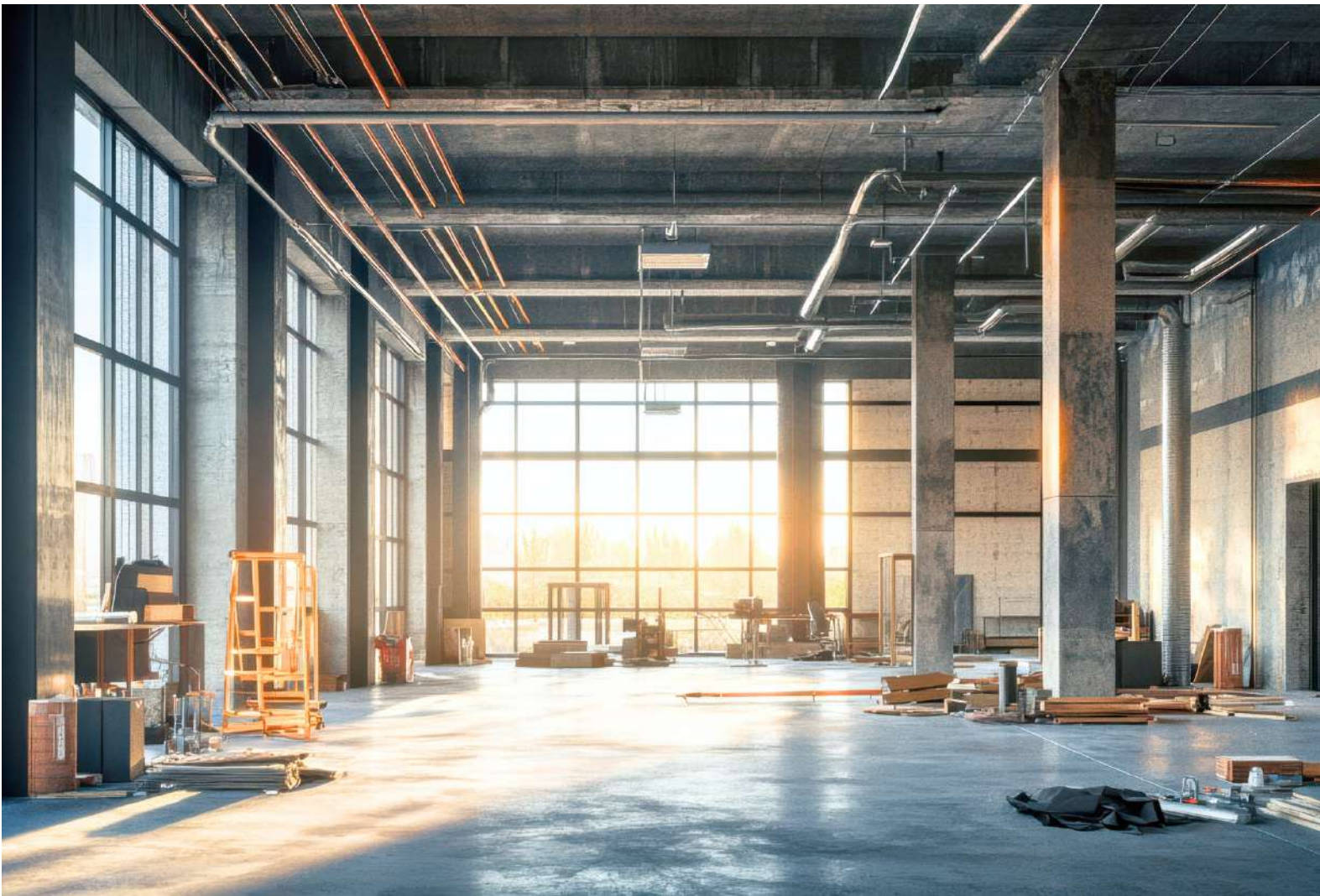
- Installed a layer of SRS-600UNI carbon fiber bonded with SRS-1000 structural epoxy adhesive
- Strengthened underside of 12th-floor roof slab without any roof demolition
- Seamlessly coordinated with rigging and window replacement teams
- Delivered increased load capacity, met strength criteria, and achieved code compliance

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