



## CASE STUDY



# Alexandra Cohen Hospital

York Ave, New York, NY



**6,602,637**

data points collected each for temperature, humidity, and dust



**1,261**

dust alerts sent



**15**

temperature alerts sent

**The Alexandra Cohen Hospital for Women & Newborns was a new wing at the David H. Koch Center at New York Presbyterian Hospital.**

Turner Construction engaged with Pillar for this year-long project as they were concerned about sound, dust levels, humidity and temperatures due to construction within an active hospital. Pillar monitored the construction area, stairwells, and active hospital sections to ensure that dust levels were acceptable in work areas and not increasing in occupied areas.

The site team was also sent weekly noise reports that ensured sound levels were below 85 decibels to protect their workforce and the welfare of patients staying in the hospital. Temperature alerts were used during the winter months to ensure that spaces that were not fully weathertight had stable temperatures and any areas with active water were monitored for freezing temperatures. During the finishing stages of construction, humidity readings were used to ensure that finishes in the space were installed under proper conditions.



**PILLAR**



[info@pillar.tech](mailto:info@pillar.tech)



[pillar.tech](https://pillar.tech)