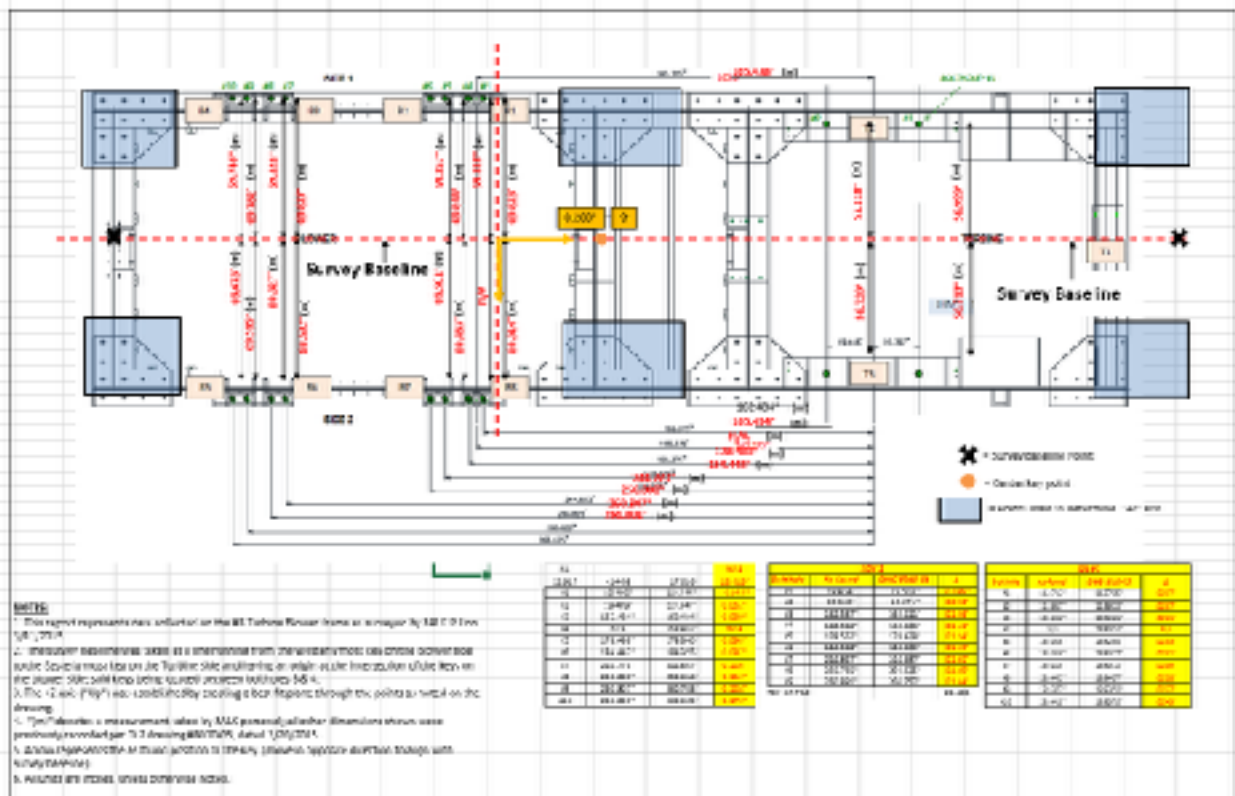


Key West Turbo Blower Project – ArcelorMittal Indiana Harbor

Falk PLI was contracted by Key West Metal Industries to perform an as-built of the foundational base for a new turbo blower installation at ArcelorMittal Indiana Harbor’s power generating station.

Utilizing a combination of laser scanning and laser tracking technologies, Falk crews collected all the required measurements on both the operating floor and the basement structure in two 8-hour shifts. Laser scanning provides gross spatial measurements for larger components whereas laser tracking provides the precise vertical and horizontal measurements to align the **motor, pumps, shaft and foundations**. The detailed field measurements required could not have been obtained by traditional measurement methods due to line-of-sight limitations and areas with restricted access.



The above report represents the level of detail required for the precise setting of the equipment. Not only did this information help in the design modification required for the new blower **installation but also detected an error** kdsjfdslkjsadjflkjdfkajdfkljfafklsajdf