



## EXCAVATION SUPPORT | SOLDIER PILES & LAGGING | TIEBACKS

### PHELPS DODGE TOWER - PHOENIX, ARIZONA

This 45 foot deep excavation was made through the difficult sand, gravel and cobble soil found in the heart of downtown Phoenix. Schnabel installed over 32,000 square feet of soldier beams and lagging and 165 tiebacks to support this wall line shoring.

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Owner: **Ryan Companies US, Inc.**  
General Contractor: **Ryan Builders**  
Design/Build Specialty Contractor:  
**Schnabel Geotechnical Design & Construction**



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For more information on this project or any other of our projects please contact Schnabel at:

**(703) 742-0020 or visit our website at [www.schnabel.com](http://www.schnabel.com)**



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