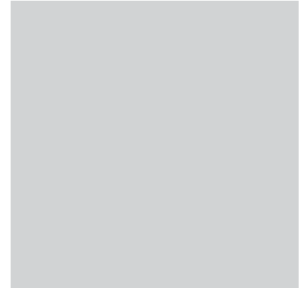


Deep Excavation Shoring

Degenkolb Engineers has undertaken many projects involving the design of earth-retention systems for deep excavations, particularly at difficult sites. Our experience has taught us that each project is unique and that the design process requires consideration of many site-specific issues, including the needs of the owner, contractor, and architect.

Relevant Experience

- Kaiser Carriage House Construction, Oakland CA
- Kaiser Transformer Support, Walnut Creek CA
- Oak Valley Hospital Central Plant, San Diego CA
- OHSU Tram Entry, Shoring of Elevated Concrete Slab, Portland OR
- UCSF Outpatient Cancer Center Shoring, San Francisco CA
- OHSU Hospital/Garage Shoring, Portland OR
- Stanford University, Palo Alto CA
 - Art Museum-Design of Window Wall
 - Encina Hall South Shoring
 - Encina Hall-East Wing
- UCB Davis Hall North Replacement, Berkeley CA
- UCR Commons Expansion Shoring, Riverside CA
- WSU Compton Union Building, Shoring Design, Pullman WA
- 1 Second St. Elevator Pit Shoring, San Francisco CA
- 1 Second St. Shoring, San Francisco CA
- 101 Second Steet, San Francis, San Francisco CA
- 1436 Kearny, San Francisco CA
- 22-30 Alta St., San Francisco CA
- 535 Mission St. Shoring, San Francisco CA
- 690 Market St., San Francisco CA
- Avalon Hotel, Means and Methods, Portland OR
- Baugh Sewage Ejector, Portland OR
- Baugh Shoring A Mac Shoring, Portland OR
- Baypoint Slide-Bulkhead, Pittsburg CA
- Beam Shoring at Hinson Church, Portland OR
- BofA Eugene, Vault Addition, Eugene OR
- Cells at Welded Tube, Portland OR
- Dewitt-23rd and Madison Shoring, Portland OR
- Dewitt-32' Pit/Oregon Metal Slitters, Portland OR
- Dewitt-Felida Steetpile Cells, Felida WA
- Dewitt-Norpac Shoring, Longview WA
- Dewitt-River Park Shoring, Spokane WA
- Dewitt-Shoring Holiday Inn Express, Portland OR
- Mayhew Reservoir Shoring, Fremont CA
- Mountain Home Idaho Mountain, Home ID
- NW 13th & Lovejoy, Portland OR
- Oakland Coliseum Shoring, Oakland CA
- Prada Building Shoring, San Francisco CA



Deep Excavation Shoring continued

Relevant Experience

- Safeway #783 Lafayette, Lafayette CA
- Terrabay Condominiums, New Retaining Wall, So. San Francisco CA
- Terrabay Condo, Retaining Wall Redesign, So. San Francisco CA
- Terwilliger Plaza Road, Portland OR
- Transbay Terminal-Consultation, San Francisco CA
- Wenatchee WWTP, Wenatchee OR
- WFSG Phase 1-Excavation Shoring, Portland OR
- Yates Road Reservoir, Chehalis WA
- City of South Gate, Fuel Tank Retaining Wall, South Gate CA
- Court of Appeals Shoring, San Francisco CA
- Durham WWTP Excavation Shoring, Tigard OR
- LA County Headquarters, Fraco Mast Shoring, Alhambra CA
- Multnomah Athletic Club-Detensioning Tiebacks, Portland OR
- One Market Plaza, San Francisco CA
- Portland Aerial Tram, Contractor Engineering, Big Yellow, Portland OR
- Portland Art Museum, Portland OR
- UCB Davis Hall North, Shoring, Berkeley CA
- 901 7th Avenue, Temporary Column Shoring, San Diego CA
- Elizabeth Lofts Shoring, Portland OR
- Gresham Station P2 Shoring, Gresham OR
- Hotel Del Coronado Additions and Alterations, Phase II Construction Shoring, Coronado CA
- Our Lady of Guadalupe, Design Construction Shoring, San Jose CA
- Tricor CVS Pharmacy, Site Retaining Wall, Redondo Beach CA
- HP Corvallis B4 Shoring, Corvallis OR
- HP Corvallis B5 Shoring Design, Corvallis OR
- HP Cupertino B41 Demo, Cupertino CA
- HP Vancouver B1 Shoring, Vancouver WA
- HP Vancouver, Bldg 2, Vancouver WA
- Lowes Hillsboro Masonry Walls, Hillsboro OR
- Masonry Bracing Lowe's Roseburg, Roseburg OR
- Target Vancouver, Vancouver WA
- HP Corvallis B8 Cooling Tower Sump, Corvallis OR
- HP Corvallis Bldg. 3 Steel Sequencing, Corvallis OR
- HP Cupertino B44/46 Shoring, Cupertino CA
- HP Executive Briefing Center, Column Removal Means and Methods, Palo Alto CA
- Intel Bldg JF-4: Temp Lateral, Hillsboro OR
- Intel JF-5, Concrete Analysis, Hillsboro OR
- Intel JF-5, Structural Steel, Hillsboro OR
- Merix-Temp Shoring for Precast, Forest Grove OR

