



PACIFIC FOUNDATION

Geotechnical Services Overview



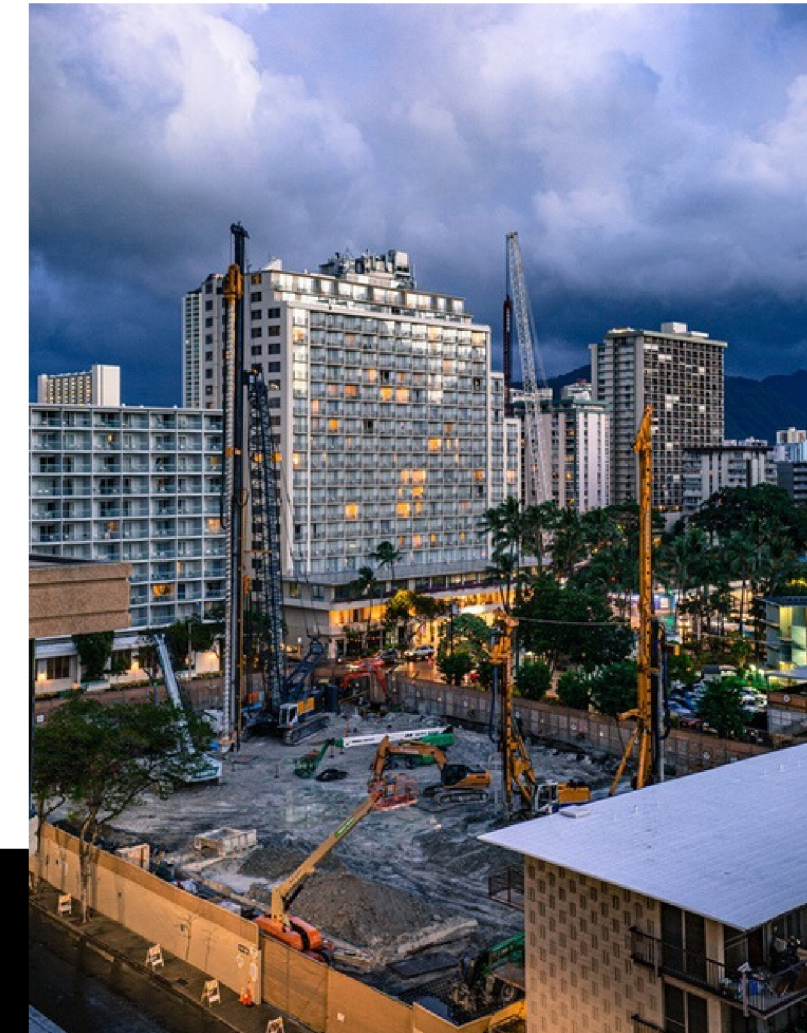
Pacific Foundation is a trusted leader in deep foundation and ground improvement solutions. With a commitment to excellence, we deliver innovative and reliable solutions to meet our clients' unique project requirements.



DEDICATED TO PROJECT SUCCESS

Welcome to Pacific Foundation. We are dedicated to serving our clients with unwavering commitment to a job done right. We prioritize safety, honesty, and integrity in all aspects of our work.

With our team's expertise, we deliver innovative, precise, and enduring geotechnical site solutions that exceed expectations.



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Since 2014, Pacific Foundation has successfully won, managed and delivered over \$200M USD in work for clients throughout the US Mainland and Hawaii





MARKETS WE SERVE



Commercial

Common Services:
Drilled Shafts
ACIP / CFA Piles
Displacement CFA Piles
Tieback Walls
Ground Anchors
Soldier Piles



Data Centers

Common Services:
Drilled Shafts
Micropiles
Shoring
Tiebacks & Lagging
Dewatering Systems
Secant Pile Walls
Elevator Shafts



Transportation

Common Services:
Drilled Shafts
ACIP / CFA Piles
Displacement CFA Piles
Tieback Walls
Ground Anchors
Soldier Piles



Power & Utility

Common Services:
Drilled Shafts
Micropiles
Tower Foundations
Anchor Bolt Installation
Bus Work Foundations
Perimeter Fences



Water & Sewer

Common Services:
Cement Deep Mixing
Secant Walls
Displacement CFA Piles
Tieback Walls
Ground Anchors
Soldier Piles





SERVICES & SPECIALTIES

POWER & UTILITY

Pacific Foundation stands as a leader in geotechnical construction and is fully equipped to serve the evolving need utility companies face to harden, secure, and modernize the electrical power grid.

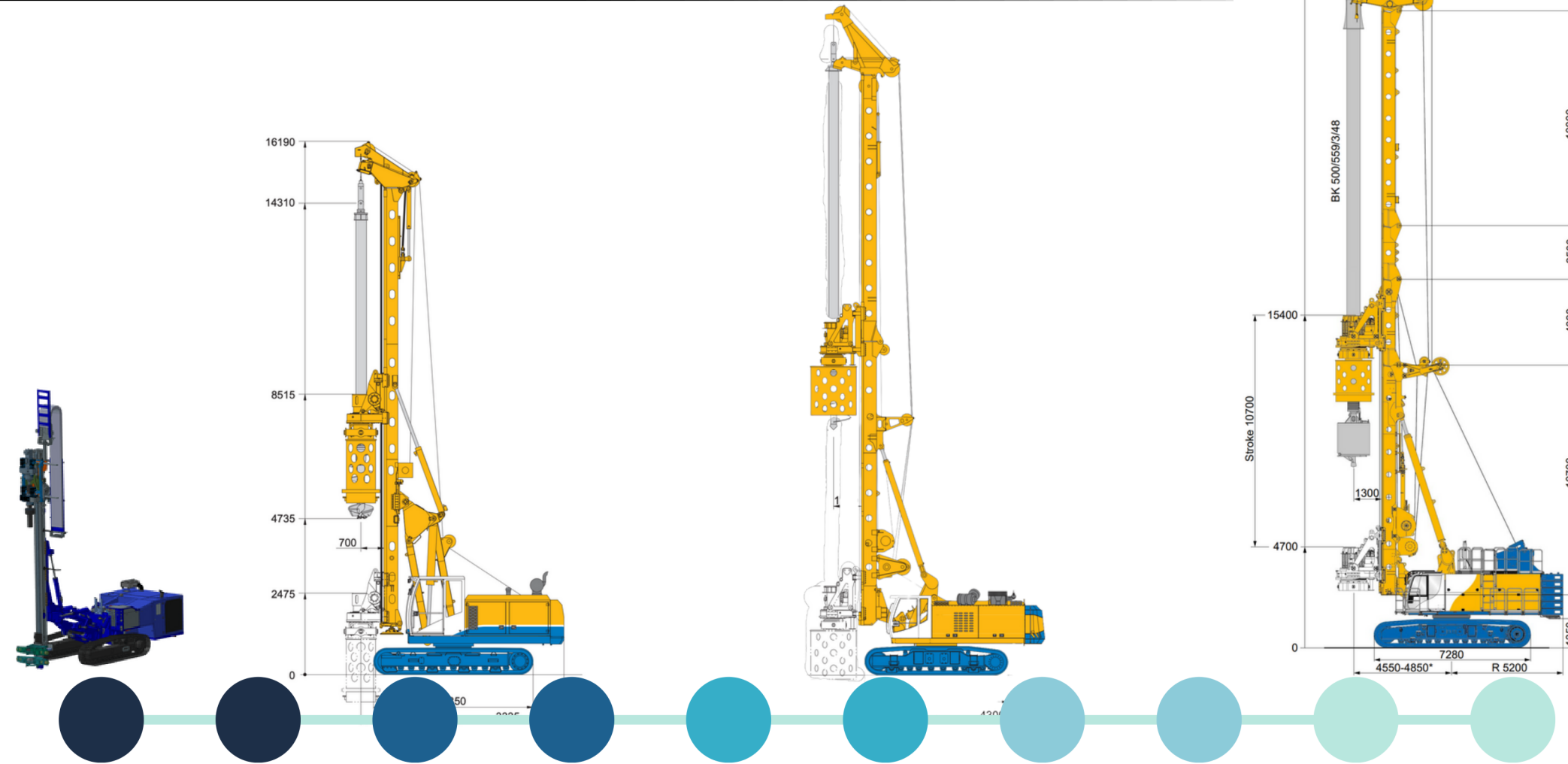
With our extensive fleet of vertical and horizontal drill rigs, low overhead clearance / limited access rigs, tooling and support equipment we possess the technology, knowledge and real-world experience to solve any geotechnical challenge efficiently.

Steering into a future of renewable energy and grid modernization, consider Pacific Foundation your trusted ally. We turn complexities into opportunities, and make resilience and sustainability the cornerstone of every project.





Our world-class fleet off drills by Bauer, Hutte, Klemm, Mait, LoDrill and more allow us to employ the optimal techniques, equipment and tooling to efficiently solve any geotechnical construction challenge.



Low Clearance / Limited Access

- | | |
|-----------------|----------------------|
| Mait Baby Drill | Hutte HBR 605-4 (x2) |
| LoDrill LLM-60 | Hutte HBR 202 E (x3) |
| Texoma 900T | Klemm 806-3D |
| Bauer BG 12 H | Klemm 806-3F |
| Bauer BG 15 H | Klemm 806-2 |
| Bauer RG 21 T | Klemm 805-2 |

High Efficiency / High Output

- Bauer BG 24 H (x3)
- Bauer BG 25 C
- Bauer BG 28 V (x2)
- Bauer BG 33 H (x2)

Maximum Capacity / Depth

- Bauer BG 40 V (x2)
- Bauer BG 46 V (x2)
- Bauer BG 55





SERVICES & SPECIALTIES



DEEP FOUNDATIONS

Pacific Foundation is a leading expert in deep foundation work, specializing in a range of techniques and utilizing our fleet of world-class drill rigs and support equipment.

With extensive experience across a wide variety of industries, our team excels in the design and installation of drilled shafts (up to 12' diameter), CFA auger cast piles, displacement CFA piles, driven piles, and micropiles.

Pacific Foundation boasts the largest fleet in the region, including a diverse range of low over head clearance and speciality rigs. matched with a wide variety of tooling to successfully complete the most challenging geotechnical construction projects.





DEEP FOUNDATIONS



Drilled Shafts

Precise and robust deep foundation solutions for challenging soil conditions, shafts up to 12' diameter



CFA (Auger Cast) Piles

Efficient and cost-effective installation of continuous flight auger piles for various construction projects



Displacement CFA Piles

Effective ground improvement technique for enhancing soil stability and load-bearing capacity.



Micropiles

Reliable and versatile foundation solution for limited access sites and sensitive environments



Driven Piles

Strong and durable piles installed using impact hammers for stable and resilient foundations.



SERVICES & SPECIALTIES



GROUND IMPROVEMENT

Pacific Foundation specializes in comprehensive ground improvement services to enhance soil properties and provide stable foundations for construction projects.

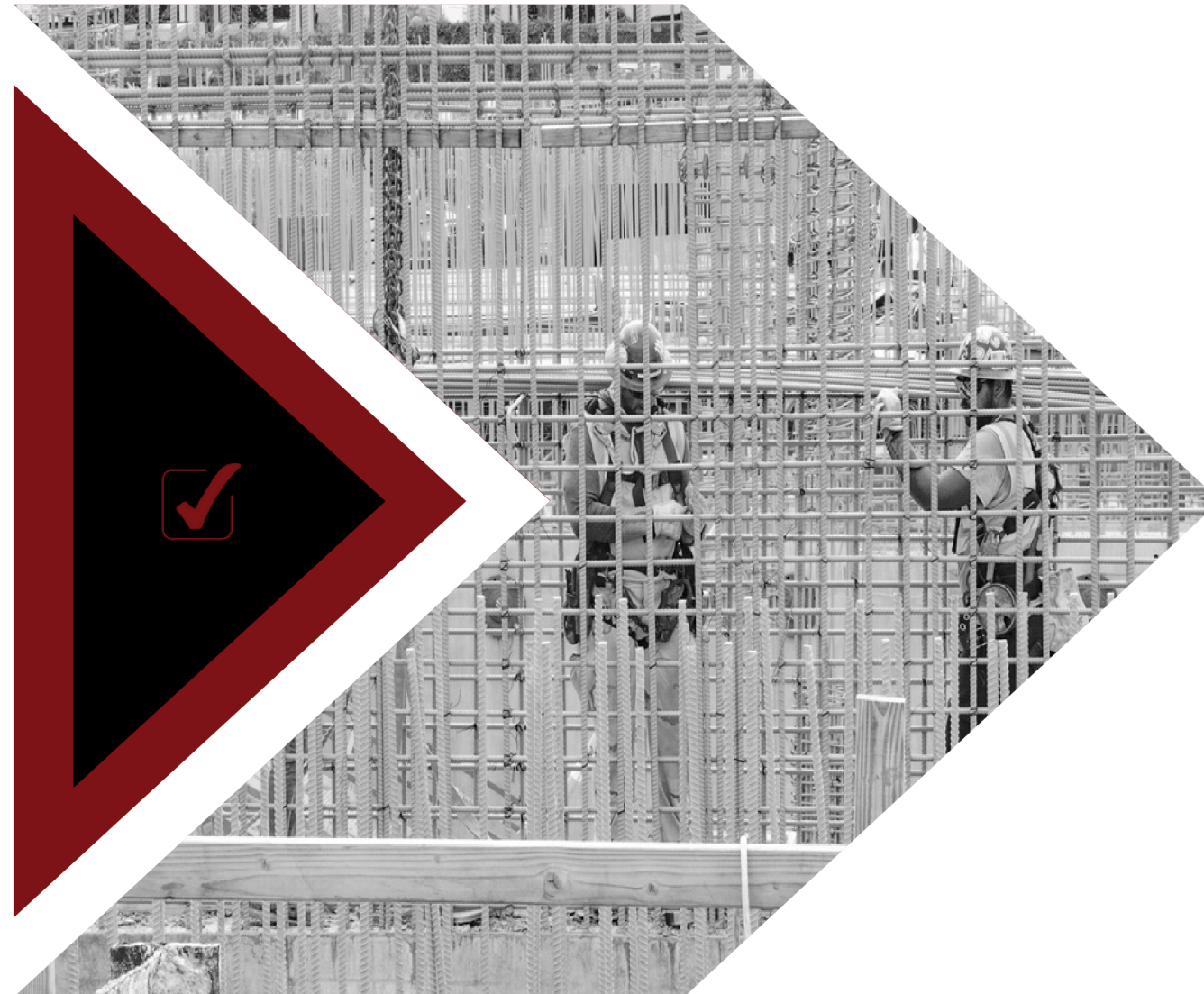
Our team utilizes state-of-the-art techniques such as cement deep mixing, stone columns, jet grouting, vibro compaction, and soil mixing to strengthen weak or unstable soils. These ground improvement methods effectively increase load-bearing capacity, reduce settlement, mitigate liquefaction potential, and improve overall soil stability.

With our extensive experience and expertise, we deliver tailored ground improvement solutions that optimize construction efficiency and ensure long-term performance.





GROUND IMPROVEMENT



- Deep Cement Mixing**
Enhancing soil stability through the incorporation of cement for improved foundation support.
- Jet Grouting**
Consolidating and strengthening soil using high-pressure grout injections for enhanced stability.
- Rigid Inclusions**
Installing rigid elements, such as stone columns, to enhance soil stiffness and load-bearing capacity





SERVICES & SPECIALTIES



EARTH RETENTION & SHORING

Pacific Foundation specializes in providing earth retention and shoring services to meet the unique needs of construction projects. With our expertise, we offer a range of solutions to ensure the stability of excavations and slopes.

Our team employs various techniques such as soldier piles, tiebacks, lagging, and soil nailing to provide efficient and reliable support systems. We work closely with clients to design and implement tailored solutions that prioritize safety, durability, and cost-effectiveness.

From temporary shoring for construction sites to permanent earth retention structures, Pacific Foundation delivers safe, efficient and effective solutions for a wide range of projects.





RETENTION AND SHORING



- Soldier Pile Walls**
Reliable and cost-effective earth retention system with vertical steel piles.
- Secant & Tangent Pile Walls**
Constructing interlocking drilled shafts for excavation support or groundwater control.
- Underpinning**
Strengthening existing foundations to support additional loads or stabilize settlement.
- Tiebacks**
Providing lateral support to secure retaining walls and excavations.
- Ground Anchors**
Stabilizing structures by transferring forces into the ground.
- Concrete Pumping**
Efficient delivery of concrete for construction projects.
- Sculpted Shotcrete**
Precision application of shotcrete for erosion control and slope stabilization.
- Soil Nails**
Reinforcing soil slopes and retaining walls for stability.
- Sheet Pile**
Versatile and effective temporary or permanent earth retention solution.





SERVICES & SPECIALTIES



GROUNDWATER CONTROL

Pacific Foundation specializes in groundwater control services to effectively manage water during construction projects. Our expertise includes the installation of tremie seals, which create a watertight barrier in drilled shafts to prevent water ingress.

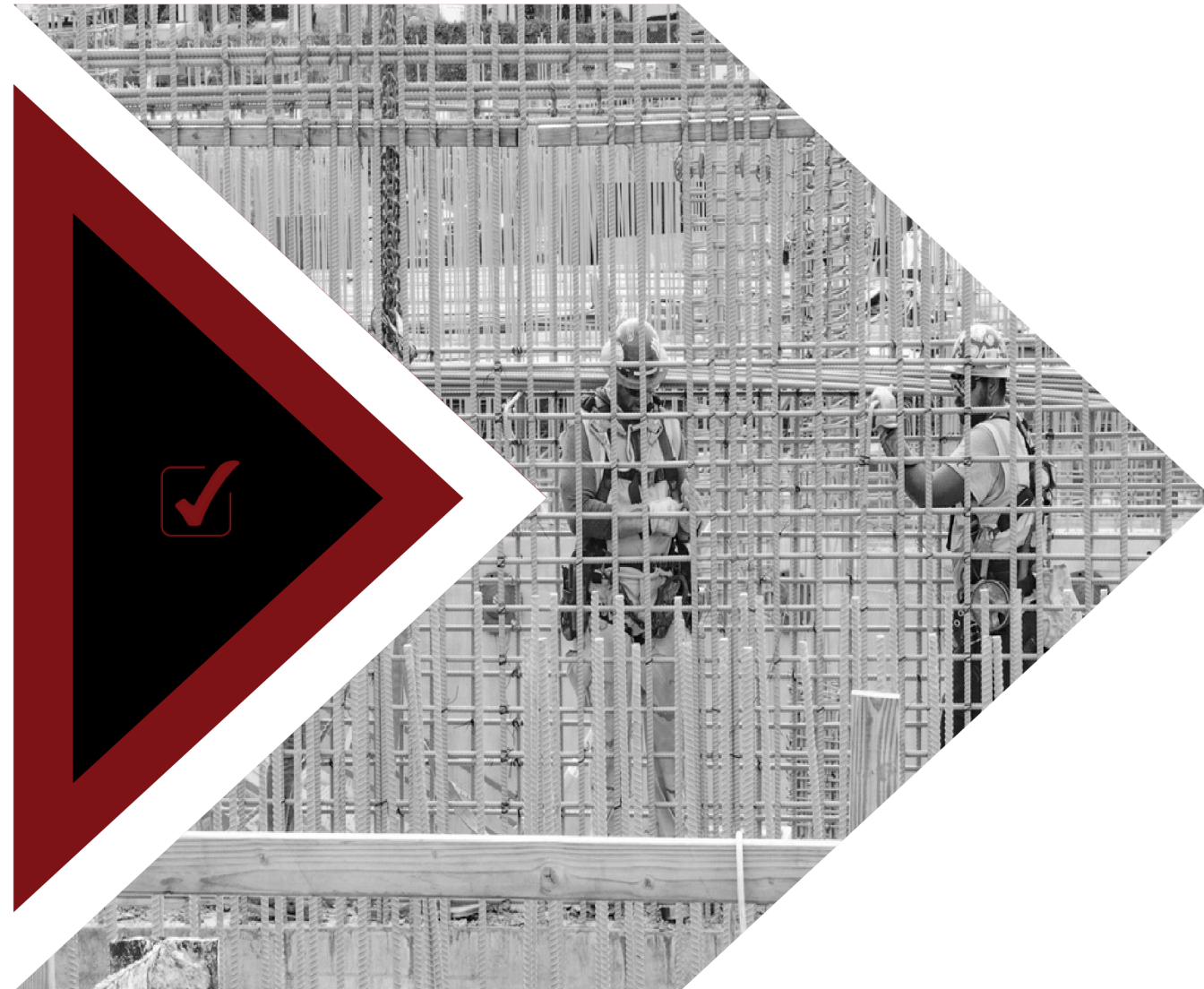
We also design and install dewatering well systems to lower groundwater levels and maintain a dry work environment. Additionally, our team implements jet grouting water cutoff systems, providing an impermeable barrier to control water flow and prevent seepage.

With our comprehensive groundwater control solutions, we ensure the successful execution of projects in challenging hydrogeological conditions.





GROUND IMPROVEMENT



Tremie Bottom Seals

Creating watertight barriers for drilled shafts, preventing water ingress.



Jet Grouting

Forming impermeable barriers to control water flow and prevent seepage.



Dewatering Wells

Lowering groundwater levels to maintain a dry work environment.





www.pacific-foundation.com



See case studies and learn more about our past work

(1) 360-200-6608



Call with any questions or to discuss your project with our team in detail

CONTACT US



Contact us today to discuss your project needs and discover how Pacific Foundation can provide you with innovative and reliable geotechnical solutions.

Our team is ready to assist you with expertise, professionalism, and a commitment to delivering exceptional results. Reach out to us now and let's build a solid foundation together.



PACIFIC FOUNDATION

CONTACT US TO GET STARTED

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»»» THANK YOU