

In Association With



# NATIONAL PILING



PILING . MICROPILING . SHORING . ANCHORING . DEWATERING . PILE TESTING

# NATIONAL



NATIONAL PILING is one of the esteemed leaders in delivering unrivalled piling services

# NATIONAL PILING

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# Introduction

NATIONAL PILING was established in U.A.E. since 2006 in association with National Group.

NATIONAL PILING is one of the esteemed leaders in delivering unrivalled piling services for a number of companies involved in geotechnical and foundation engineering sectors. Let it be minor intricate, we can undertake all types of piling projects, since we have invested in specialized rigs and equipment, all of which have been purchased from leading international foundation equipment manufacturers.

Its work team staffed by experienced professionals also deserves a special mention, who in turn, is abreast of the latest piling equipment as well as techniques now adopted in the industry. In fact, we have everything including expertise, strong infrastructure, and man power to undertake a variety of deep foundation project works, from residential and commercial works to the erection of the huge sky scrapers, while ensuring customers satisfaction to its fullest!

## Mission and Future Plans

### Culture and Mission

At National Group, our core mission is to make available a variety of piling services that are second to none. Our affiliates and association operate based on six values: Spirit, Determination, Pride, Commitment, Passion and Integrity, each of which inspires the way we serve our customers, who in turn contently count on as a catalyst to achieve their unique business goals.

### Future Plans

Majority of our present works are widely spread various parts of UAE, covering all the seven emirates. We are now in the process to grow our business to expand its activities to other prominent countries in the Middle East such as Qatar, Bahrain, Sultanate of Oman and KSA.

# National Group

The National Group is one of the prominent names in the industry for the completion of a spectrum of piling projects. With exceptional entrepreneurial skills and impressive team, all of the companies in the group provide unmatched piling solutions to help you with any project. Further, to maintain the highest standards of excellence in every project we undertake, the National Group has made significant investments in acquiring its own Plant, Equipment and Machinery. In fact, we have played and continue to play an indispensable role for the development of the U.A.E. thus helping to build a vibrant and modern nation.

From its modest beginning, our group has grown to operate in a number of business sectors under the following domains such as:



National Piling (Dubai)

National Engineering Piling (Abu Dhabi)

National Dewatering & Land Draining Co. LLC

National Engineering Contracting

Design Resource Centre

National Pump Industry

Al Najat Trading Establishment

First National Heavy Equipments

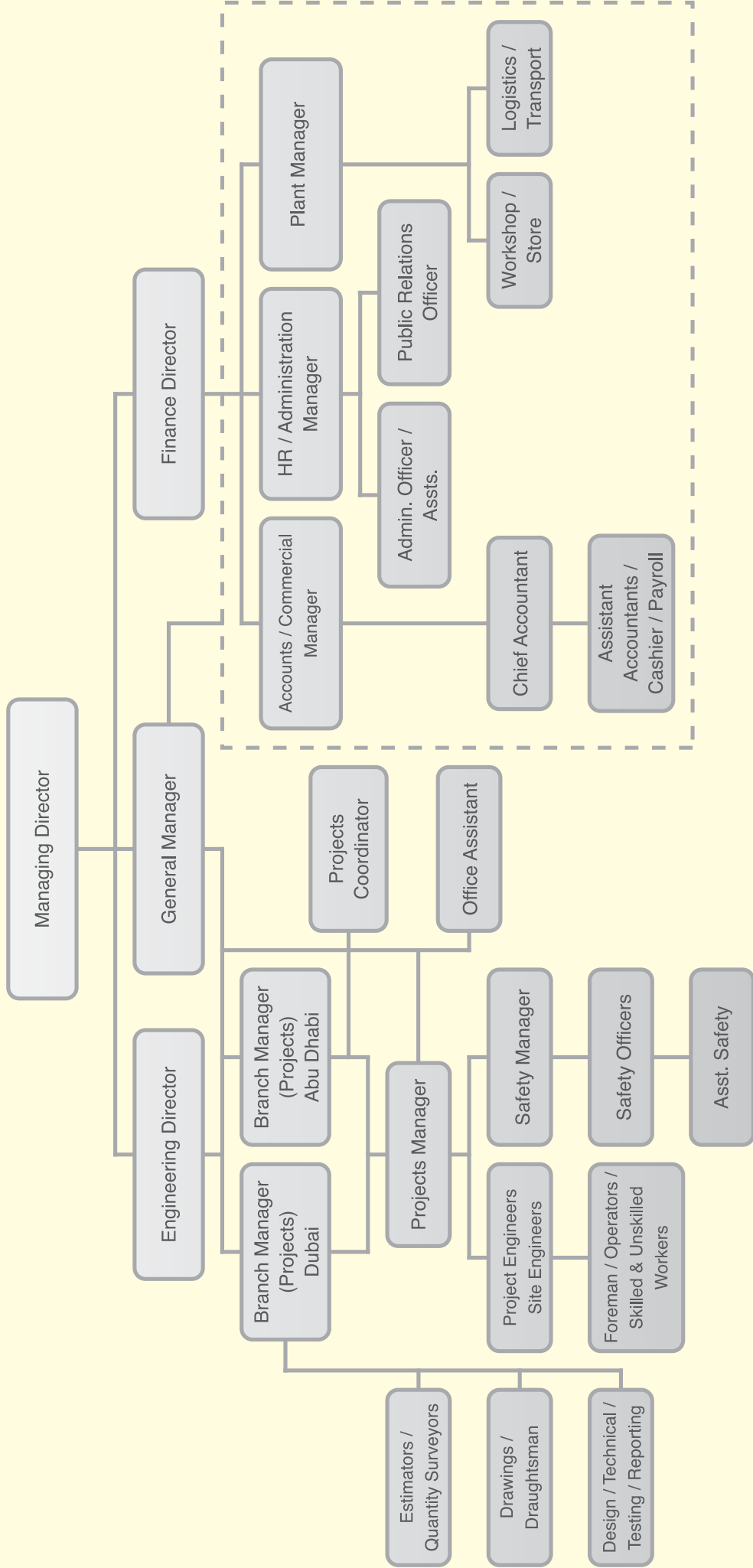
First National Agricultural Services

First National Air Conditioning System Establishment

Al Ofoq Real Estate

# Organization Chart

United Arab Emirates





NATIONAL PILING

BAUER BG 18 H

B 18

### Piling Works

- Bored Cast-In-Situ Piles

### Micropiling Works

### Shoring Works

- Secant Pile

- Contiguous Pile

- Soldier Pile

### Anchoring Works

### Dewatering Works

### Pile Testing Works

- Pile Static Load Test

- Bi-Directional Static Load Test

- Pile Dynamic Test

- Pile Sonic Test

- Pile Integrity Test

## Bored Cast-In-Situ Piles

Also called drilled piers or Cast-in-drilled-hole piles (CIDH piles). Rotary boring techniques offer larger diameter piles than any other piling method and permit pile construction through particularly dense or hard strata. Construction methods depend on the geology of the site. In particular, whether boring is to be undertaken in 'dry' ground conditions or through water-logged but stable strata – i.e. 'wet boring'.

'Dry' boring methods employ the use of a temporary casing to seal the pile bore through water-bearing or unstable strata overlying suitable material. Upon reaching the design depth, a reinforcing cage is introduced; concrete is poured in the bore through tremie pipe and brought up to the required level. The casing can be withdrawn or left in situ.

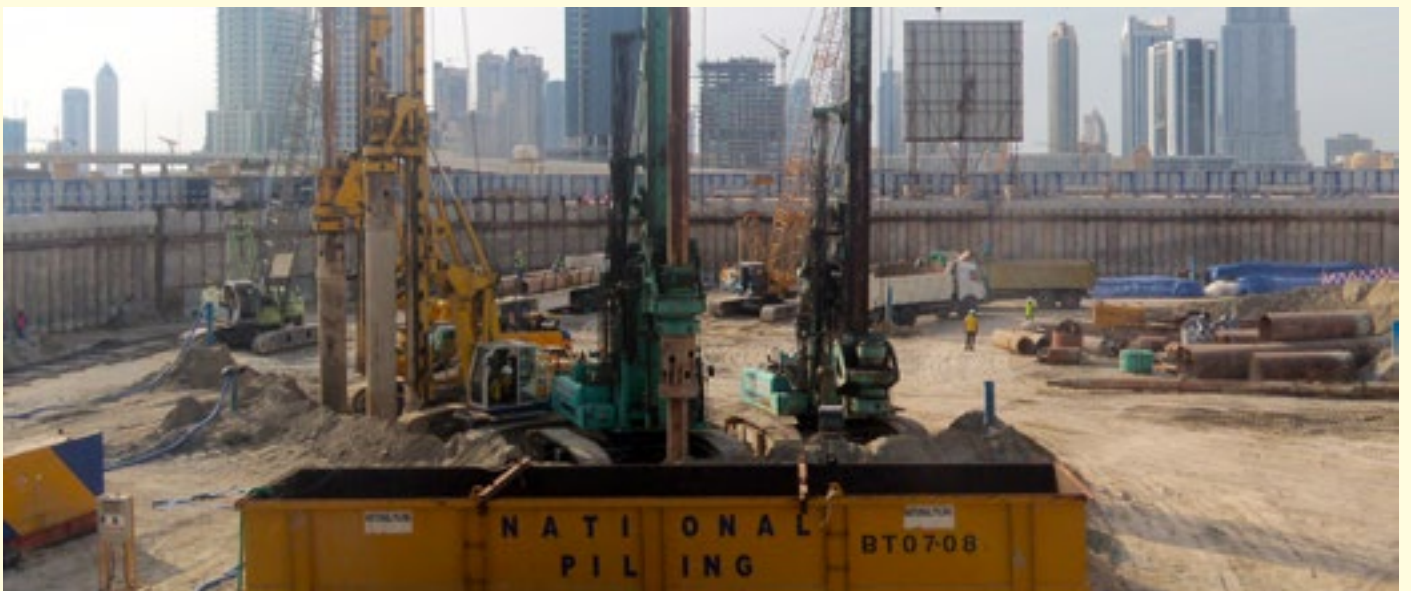
'Wet' boring also employs a temporary casing through unstable ground and is used when the pile bore cannot be sealed against water ingress. Boring is then undertaken using a digging bucket to drill through the underlying soils to design depth. The reinforcing cage is lowered into the bore and concrete is placed by tremmie pipe, following which, extraction of the temporary casing takes place.

In some cases there may be a need to employ drilling fluids (such as bentonite suspension) in order to maintain a stable shaft. Rotary auger piles are available in diameters from 500mm to 2400mm or even larger and using these techniques, pile lengths of beyond 50 meters can be achieved.



# Bored Cast-In-Situ Piles





# Micropiling Works

Micropiles, also known as minipiles, (and less commonly as pin piles, needle piles and root piles) are deep foundation elements constructed using high-strength, small-diameter steel casing and/or threaded bar. Capacities vary depending on micropile size and subsurface profile. Allowable micropile capacities in excess of 1,000 tons have been achieved.

The micropile casing generally has a diameter in the range of 3 to 10 inches. Typically, the casing is advanced to the design depth using a drilling technique. Reinforcing steel in the form of an all-thread bar is typically inserted into micropile casing, High-strength cement grout is then pumped into the casing. The casing may extend to the full depth or terminate above bond zone with the reinforcing bar extending to the full depth. The finished micropile (minipile) resists compressive, uplift/tension and lateral loads and is typically load tested in accordance with ASTM D 1143 (compressive), ASTM D 3689 (uplift/tension), and ASTM D 3966 (lateral). The technique has been used to support most types of structures.



# Shoring Works

A guide wall usually constructed to guide the drilling operation. Secant or contiguous pile wall in general may be constructed as temporary shoring structures or as permanent part. The excavation can be done by drilling machine. Drilling operation is usually carried out either with long casing or with short casing and fluid support.

Secant Pile

Contiguous Pile

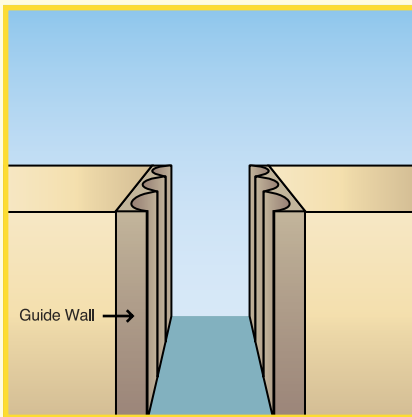
Soldier Pile



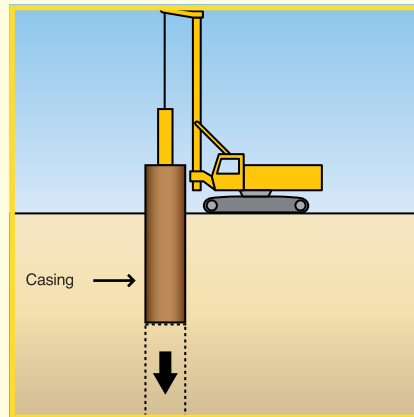
# Construction of Secant Pile Wall

A secant pile wall consists of a series of primary and secondary piles casted alternatively. The secondary piles are installed by cutting a portion of the concrete from the adjacent primary piles on both sides forming a water tight wall.

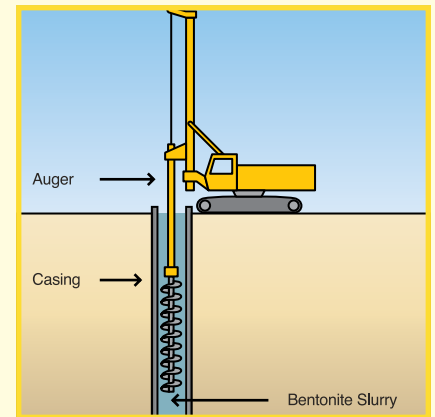
1. Construction of Guide Wall



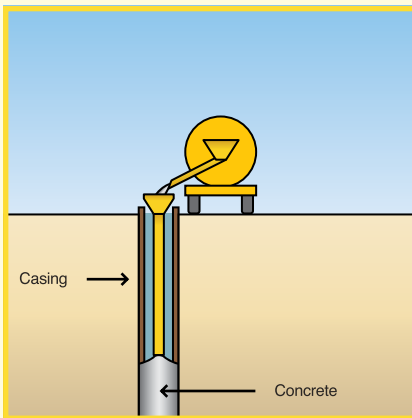
2. Installation of Casing



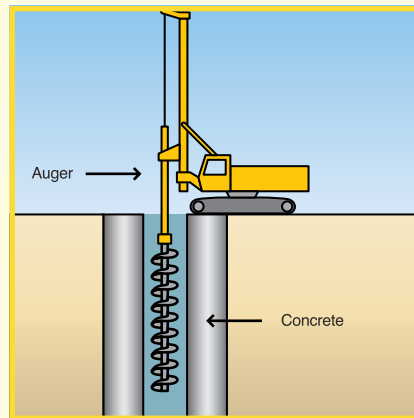
3. Augering of Primary Borehole



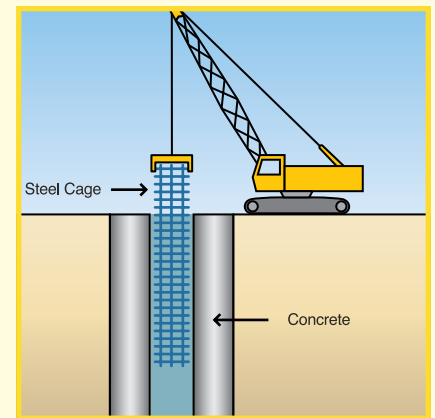
4. Concreting of Primary Borehole



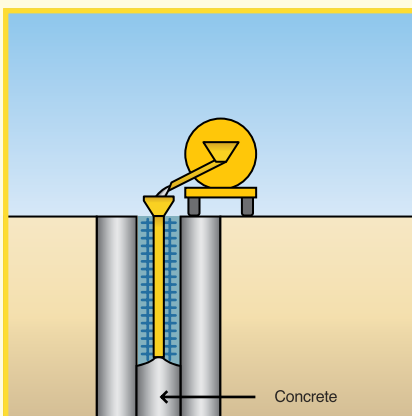
5. Augering of Secondary Borehole



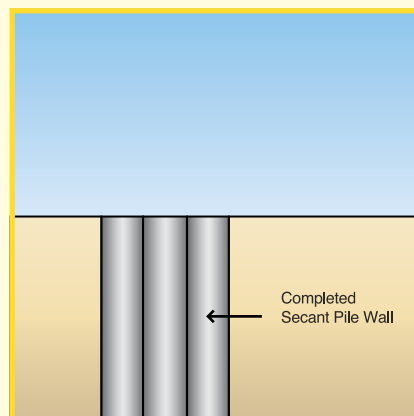
6. Installation of Steel Cage



7. Concreting of Secondary Borehole



8. Repetition of Process

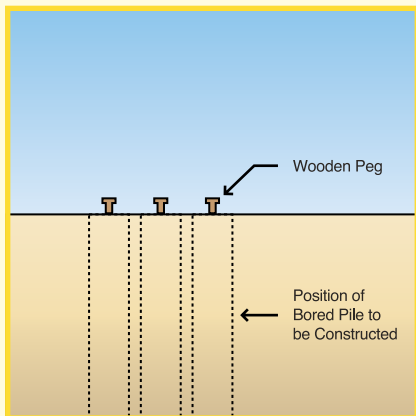




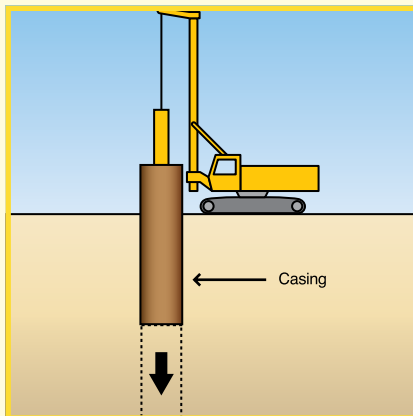
# Contiguous Pile Wall

This pictorial guide illustrates the construction sequence of a Contiguous Bored Pile (CBP) wall.

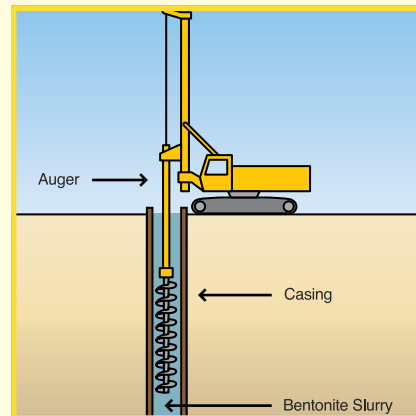
1. Position of Bored Pile



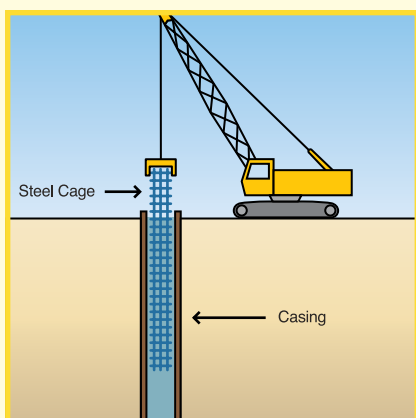
2. Installation of Casing



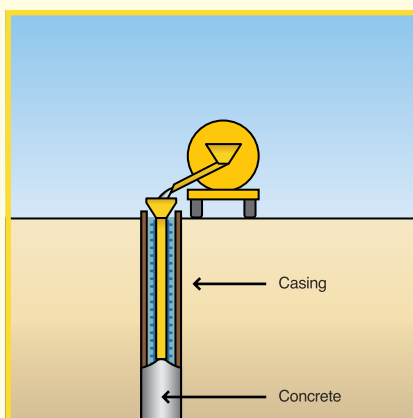
3. Augering of Borehole



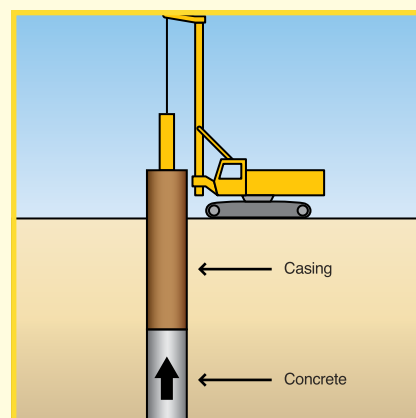
4. Installation of Steel Cage



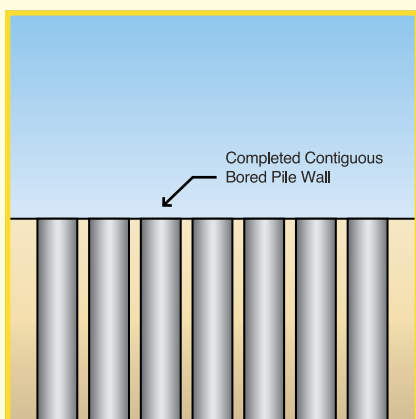
5. Concreting of Borehole



6. Extraction of Casing



7. Repetition of Process





# Soldier/H Beam Shoring Wall

A soldier pile wall using concrete panels as lagging.

Soldier piles, also known as king piles or Berlin walls, are constructed of wide flange steel H sections spaced about 1 to 2 m apart and are driven prior to excavation. As the excavation proceeds, horizontal concrete panel (lagging) is inserted between the H pile flanges.

The horizontal earth pressures are concentrated on the soldier piles because of their relative rigidity compared to the lagging. Soil movement and subsidence is minimized by maintaining the lagging in firm contact with the soil.

Soldier piles are most suitable in conditions where well constructed walls will not result in subsidence such as over-consolidated clays, soils above the water table if they have some cohesion, and free draining soils which can be effectively dewatered, like sands.

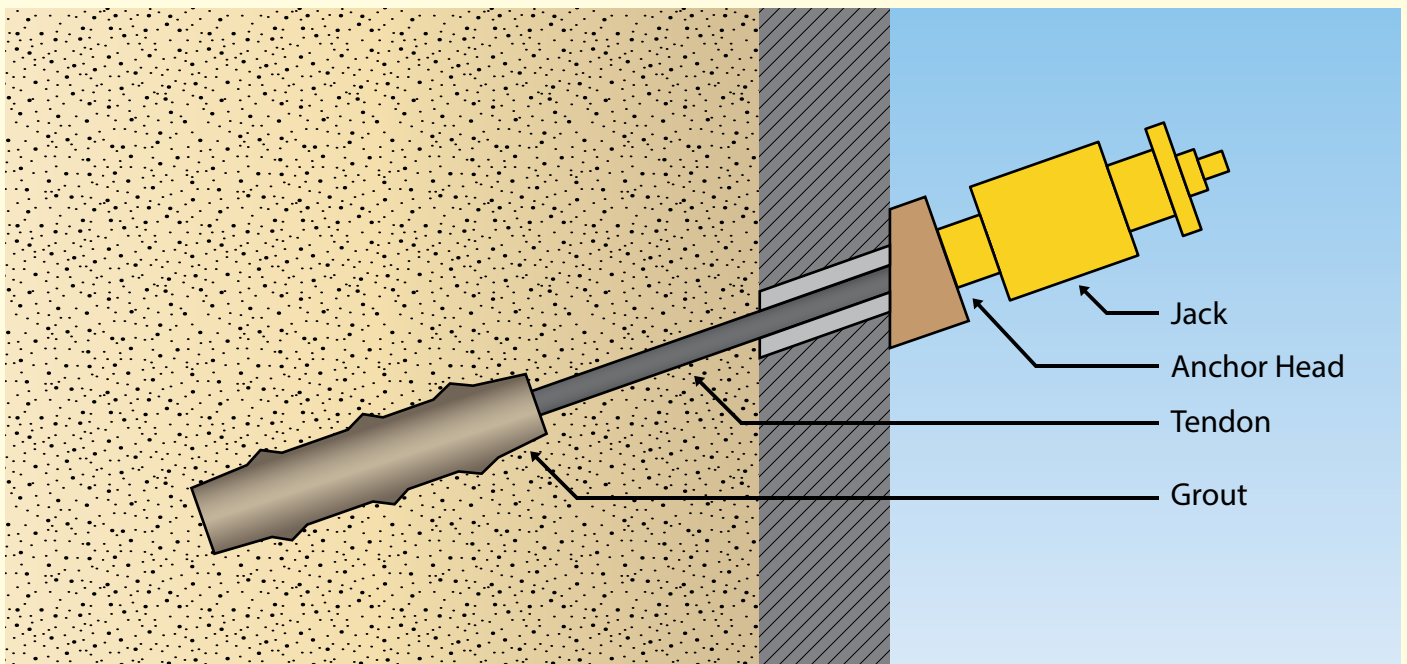
Unsuitable soils include soft clays and weak running soils that allow large movements such as loose sands. It is also not possible to extend the wall beyond the bottom of the excavation and dewatering is often required.





## Tiebacks-Ground Anchors-Rock Anchors

Tiebacks are small diameter drilled elements consisting of steel strands or thread bar members grouted into place and tensioned to provide a preloaded condition to the underlying soil. Tiebacks, also referred to as ground anchors, are used for permanent or temporary shoring support, retaining walls, dam stabilization, and landslide repair. They can provide a cost effective alternative to conventional shoring structures. The tieback anchor will reduce the deflection and bending moment of the shoring wall.





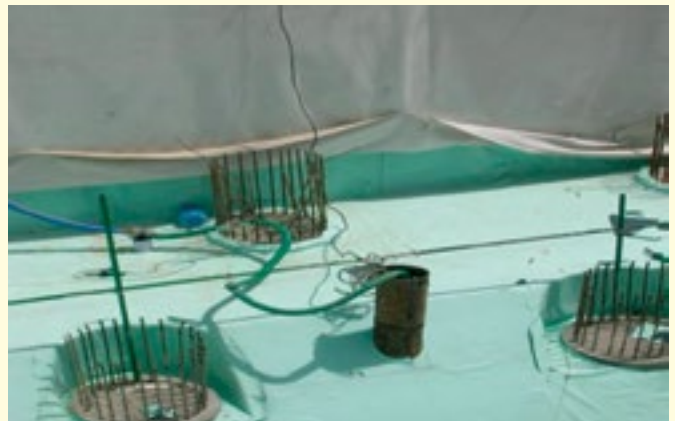
# Dewatering Works

## Deep Well Dewatering

It is the removal of water from solid material or soil by wet classification, centrifugation, filtration, or similar solid-liquid separation processes. Removing or draining water from riverbed, construction site, caisson, or mine shaft, by pumping or evaporation. This is often done during the site development phase of a major construction project due to a high water table. Usually involves the use of 'dewatering' pumps. Methods of dewatering include" well point, Deep well.

## Well Point Dewatering

These systems are beneficial for dewatering to depths at which suction lift limitations prevent the use of well point pumps. Deep wells also offer the ability to control large volumes of water. Other features and advantages of deep wells and the deep well system include: Installation of wells far enough from the excavation so as to not be obstructive. Under proper soil conditions, deep wells allow for drainage of large areas.



Pile Static Load Test

Bi-Directional Static Load Test

Pile Dynamic Test

Pile Sonic Test

Pile Integrity Test

Caliper Logging Test

# Pile Static Load Test

Static load tests were performed during the test phase of contract to verify the design assumptions and load-carrying capacity of the piles. Telltale rods installed at various depths within the piles were used to evaluate the load transfer behavior of the piles with regard to the surrounding soil and bearing stratum.

The bearing capacity is depend on the size, shape and type of pile and on the properties of the soil in which it is embedded. The ultimate bearing capacity is the load at which the resistance of the soil becomes full mobilized. At the load greater than bearing capacity, this causes the head of the pile to settlement 10% of pile diameter.

General pile load test on Preliminary (Non-working) and Working piles are to be carried out as per requirements of the specification.

The test load on Preliminary Pile and Working Piles are defined in the specifications.

The test assembly consists of the following:

- Hydraulic Jack
- Pressure Gauge and Load cell
- Settlement Measuring Gauge
- Reference Datum
- Counter weight Kentledge, Ground Anchors or Reaction Piles





# Bi-Directional Static load Test



# Dynamic, Sonic, Integrity and Caliper Logging

## High Strain Dynamic Pile Testing (PDA Testing)

PDA Testing utilizes the Pile Driving Analyzer (PDA) and is based on the theory of Stress Wave Propagation on Piles (CASE Method). Force and acceleration measurements taken near the top of a pile during impact provide the necessary information to determine:

- Activated bearing capacity
- Hammer Performance
- Maximum driving stresses
- Pile Integrity



## Cross hole Sonic Logging

A sonic logger such as the Cross-Hole Analyzer is used to detect defects in cast-in-situ piles. Cross Hole Sonic Logging provides information on:

- Honeycombing due to inadequate vibration
- Segregation due to over vibration and improper concrete placement methods
- Washout of cement due to ground water flow
- Cracks in pile shaft due to shrinkage
- Inclusion of foreign material causing contamination of concrete
- Necking of pile due to collapse of side walls during withdrawal of temporary casings



## Low Strain Pile Integrity Testing

The Pile Integrity Tester (PIT) is used to for bored piles, driven concrete shafts, concrete filled piles or drilled shafts. It detects potentially dangerous defects such as major cracks, necking, soil inclusions or voids.



# Machineries and Equipment

## Plant & Equipment

S. No.	Plant/Equipment And Its Manufacturer/Make	Quantity	Capacity
1	Piling Rig BG28 Bauer Germany	1	Dia. up to 2500 mm depth up to 60 m
2	Piling Rig SD 28 JINTAI China	3	Dia. up to 2500 mm depth up to 60 m
3	Piling Rig SD 22 JINTAI China	1	Dia. up to 2000 mm depth up to 40 m
4	Piling Rig BG 22 BAUER Germany	2	Dia. up to 2000 mm depth up to 40 m
5	Piling Rig SD 20 JINTA China	2	Dia. up to 2000 mm depth up to 40 m
6	Piling Rig BG 18H BAUER Germany	3	Dia. up to 1500 mm depth up to 35 m
7	Piling Rig BG 15H BAUER Germany	2	Dia. up to 1500 mm depth up to 30 m
8	Piling Rig SD 12 JINTAI China	1	Dia. up to 1000 mm depth up to 27 m
9	Piling Rig BG 7 BAUER Germany	2	Dia. up to 900 mm depth up to 20 m
10	Piling Rig MAIT HR 18	2	Dia. up to 1200 mm depth up to 40 m
11	KLEMM 803-2 (1994) Drilling Rig top Hydraulic	1	
12	KLEMM 803-2 (1990) Drilling Rig top Hydraulic percussion	1	
13	KLEMM 806-D (2007) Drilling Rig top Hydraulic percussion	1	
14	ABI - Vibro Hammer	1	
15	Crawler Cranes (50T & 80T)	10	
16	Mixing & Grouting Plant	Lot	
17	Bentonite Desanders	Lot	

# Experience Record

S. No.	Project Title & Location	Client Name	Consultant Name	Scope of Works
1	Proposed B+G+14 On Plot No. C-005-003 At Tecom, Dubai	Al Badar Contracting	Al Khawajah Engg Consultancy	Shoring
2	B+G+4+Gym Residential building on plot no.124-416, Al Muraqqabat, Dubai	Al Qubeisi Contracting	Adnan Saffarini	Shoring
3	Proposed B+Gr+Typ +3 Floors Building At Port Saeed	Abu Hail Contracting	Al Injaz Consultant	Shoring
4	G+M+9P+32 Typical Floors + HC on Plot No. 462, at Al Majaz 3, Sharjah	Becon Construction	Adnan Saffarini	Shoring
5	Proposed 2B+G+2 Floors Showroom Building on Plot No. 373-403, at Al Barsha I	Team Engineering	Al Khawajah Engg Consultancy	Shoring
6	G+3+R Building For Mr. Juma Al Majid On Plot No. 313-459, Al Hamriya	Al Majid Contracting	DAR Consultant	Shoring
7	Proposed B+G+8+R Comm. & Resi. Building on Plot No. 373-1275, at Al Barsha	Dubai Euro Contracting	Al Ajmi Consultant	Shoring
8	Shoring & Piling works for 2B+G+14+ROOF Building on plot no. C-008-019 at TECOM, Dubai	New Dubai Real Estate	4U Engineering	Shoring
9	2B+G+11+Gym+Swimming Pool, Building on Plot No. 319-316, Oud Metha, Dubai	Al Shafar Civil Engg.	Al Majal	Shoring
10	The Crystal- 3B+G+3P+12 Floors Office Bldg. at Businees Bay	Mr. Parmanand Jethanand	National Engineering Bureau (NEB)	Site Setup, Shoring, & Excavation
11	Proposed (G+1) Girls School (Cycle-2) on Plot 217-2342, at Al RAshidiya, Dubai	Al Rostamani Pegel LLC	Arif & Bintaok	Shoring
12	B+G+M+1 Building on Plot No. 358-574 at Al Quoze III, Dubai, for Mr. Khalfan Ahmad Hareb Bin Hareb	Chirag Contracting	National Engineering Bureau (NEB)	Shoring
13	B+G+8 Typical Floors + Roof on plot no.373-1210, at Al Barsha 1, Dubai.	Becon Construction	Al Khawajah Engg Consultancy	Shoring
14	Construction of (2B+G+8) Building on plot No.373-1258,at Al Barshaa' 1st	Al Shafar Civil Engg.	Incorporated Consultants	Shoring
15	"2B+G+M+8 TYP+HC Office Building at Al Garhoud, Dubai	M/s BECON Construction	Adnan Saffarini	Shoring
16	Proposed Residential Building On Plot Nos. R9 4-2 At Dubai Sports City	Chirag Contracting	Architectural & Engineering Consultant	Shoring
17	3B+G+11 Res.Building at Cultural Village, Dubai	M/s Rhodi Real Estate	Holfords	Site set up, Shoring & Excavation



# Experience Record

S. No.	Project Title & Location	Client Name	Consultant Name	Scope of Works
18	G+7 floors Com./Res. Building on Plot NO. 328 at Al Muwaileh, Sharjah	Capital Construction	Sharjah Engineering Consultant	Shoring
19	Park lane Tower at Business Bay	KM Properties	Kling consultant	Shoring
20	B+G+1 villa on plot no. 394-513 at Emirates Hills	Al Hawar Cont.	Badri & Bensuda	Shoring
21	B+G+8 +Gym Res. Building on Plot No.11-008, at Dubai Silicon Oasis	Becon Construction / Al Salam Cont	Al Khawajah Engg Consultancy	Shoring
22	Labor Accommodation at Jebel Ali	Riddi Transport	dxh Lab	Shoring
23	2B+G+7 Plot No. R-10, Int'l City Phase-3, Nad Al Shiba	Canadian-Gulf Construction LLC.	National Engineering Bureau (NEB)	Shoring
24	Emirates Hills street (p-59) villa 394-394.	Al bana	National Engineering Bureau (NEB)	Shoring
25	Business Waves on Plot No. JVC17TCP011,012 & 013 at Jumeirah Village	High Rise Properties	Dimensions Engineering	Shoring
26	2B+G+3P+18+H.C, SCALA Tower on Plot No.BB. B03.012, at Business Bay	Team Engineering	National Engineering Bureau (NEB)	Shoring
27	Shopping Mall at Al Quoze.	Aroma International		Shoring
28	Proposed B+G+1 Villa On Plot No. R-66 (394-168) At Emirates Hills, Dubai	ARABTEC Construction	Al Wasl Al Jadded Consultants	Shoring
29	3B+G+11 Residential Tower On Plot No. P1.A011 At Culture Village, Jaddaf, Dubai	Trinity Developers	Arch Group	Site Set up, Shoring, Excavation, & Dewatering
30	Business Park at Business Bay, Dubai	M/s Dubai Properties	Planquadrat	Site Setup, Shoring & Excavation



S. No.	Project Title & Location	Client Name	Consultant Name	Scope of Works
31	Proposed B+G+8 Floor Building On Plot No. 11-007 At Silicon Oasis, Dubai.	JASAF Building Technology Co. L.L.C	EMIRATES Engineer	Shoring & Excavation
32	2B+G+18+Gym on Plot No. C-003-023 at Tecom, Dubai / Shoring works	New Dubai Real Estate	4U Engineering	Shoring
33	3B+G+1+Int. Level. Upper Work Shop at Jebel Ali, Dubai	M/s Gurunank Darbar	Holford Associates	Shoring & Excavation
34	2B+G+19 Floors Comm. & Res. Building On Plot No. 12D- 200 At Jumeirah Village South, Dubai	Team Engineering	Al Ajmi Consultant	Shoring
35	B+G+12 Building on Plot No.241-540 at Al Nahda-2, Dubai	M/s Condor Contracting	DAR Consultant	Shoring & Excavation
36	2B+G+8 Floors Res. Bldg. at Dubai land	M/s Universal Developers	CHAWLA Architectural Engineering Consultants	Shoring & Excavation
37	Sewage Pumping Station At Jumeirah Village, Dubai	Sub Contract w/ M/s ETA Zenath	MOUCHEL	Shoring
38	Proposed Labour Accommodation On Plot No. 358-609, Al Quoz Third, Dubai	Edmac	EDMAC	Shoring
39	Rasis Business Centre at Business Bay, Dubai	M/s Rasis Developers	Arch Group	Site setup, Shoring, Excavation & Dewatering
40	Dubai Autism Centre at Al Garhoud Area	Canadian-Gulf Construction LLC.	CANADIAN GULF	Shoring & Excavation
41	2B+G+4 Office Building at Dubai Media City	M/s TECOM	DAR Consult	Site Setup, Shoring, Piling, Excavation & Dewatering
42	B+G+15 Floor Residential Building On Plot No. 682-158 at Sports City	M/s Gammon & Billimoria Contracting	Arch Group	Shoring & Excavation
43	3B+G+6 Floors Building For Mr.Abdul Shakoor, On Plot no. 373-412 at Al Barsha, Dubai	Cap International	National Engineering Bureau (NEB)	Shoring
44	B+G+1 Villa On Plot No.394 -337 At Emirates Hills , Dubai	Nilkmal Group of Companies	National Engineering Bureau (NEB)	Shoring
45	B+G+3 Floors Building for on plot no. 133- 457 at Hor Al Anz East, Dubai	M/s Al Buhaira Contracting	AL THURAYA	Shoring & Excavation
46	G+7 Floors Hotel Building at Al Raffa, Dubai	Mr. Saud Othman	DAR Consult	Shoring & Excavation
47	Proposed B+G+1 Villa On Plot No. L-33 (394-260) At Emirates Hills, Dubai	ARABTEC Construction	Al Wasl Al Jadded Consultants	Shoring



# Experience Record

S. No.	Project Title & Location	Client Name	Consultant Name	Scope of Works
48	2B+G+9+Gym Building at Dubai land, Dubai	M/s ASCON	RENAISSANCE	Shoring & Excavation
49	Proposed B+G+1+Villa On Plot No. 362-655, At Umm Suqeim Second	Advance Dewatering	MANSOOR MOHAMMED	Shoring
50	B+G+3 Roofs Office Building on Plot No. 45/26/09, Industrial Area 15th, Sharjah	Team Engineering	SYR CONSULTANT	Shoring
51	B2B Office Tower at Business Bay	M/s KM Properties	KLING CONSULTANT	Shoring & Piling
53	Proposed B+G+1 Villa On Plot No. L-1 (394-297) At Emirates Hills, Dubai	ARABTEC Construction	Al Wasl Al Jadded Consultants	Shoring
54	Dubai Metro Project	RTA – Dubai Metro		Installation & Extraction of H Beams – Shoring
55	B+G+1 Villa On Plot No. L-23 (394-270) At Emirates Hills, Dubai	ARABTEC Construction	Al Wasl Al Jadded Consultants	Shoring
56	TAMANI Arts Office at Business Bay	M/s KM Properties	ARKIPLAN	Shoring
57	B+G+1 Residential Villas On Plot No . E-77, W-38 &E-72 At Emirates Hill Third Dubai	Palace Contracting	National Engineering Bureau (NEB)	Shoring
58	The Crystal- 3B+G+3P+12 Floors Office Bldg. at Business Bay, Dubai	Mr. Parmanand Jethanand	National Engineering Bureau (NEB)	Site Setup, Excavation, Piling & Dewatering
59	B+G+2 Building on Plot no. 375 – 2297 at Al Barsha 3rd Dubai	Aroma International	NUTEK CONSULTANT	Shoring
60	Amber Residence at Dubai Central	M/s DAMAC Properties	Shadid Engineering	Site Setup, Shoring & Excavation
61	B+G+M+ 3 Storeys Residential Building On Plot No. 318-120 Al Karama, Dubai.	Al Buhaira Contracting	Al Khawajah Engg Consultancy	Shoring



S. No.	Project Title & Location	Client Name	Consultant Name	Scope of Works
62	2B+G+9+Rc Comm./Office Building On Plot No. 26-061 At Dubai Silicon Oasis	Sund & Sand Contracting	MODEL ENGINEERING	Shoring
63	Jumeirah Island Carpark, Dubai Metro Projectrks	Ali Moosa & Sons Contracting	ATKINS	Shoring
64	B+G+M+2 Comm. Building On Plot No. 128-791, Al Khabeesi, Dubai	Al Aflaj	AL GAFARY	Shoring
65	R829/4 - Access Arrangement to Rashidiya Park & Ride Station	M/s RTA	PARSONS	Piling
66	B+G+14 Floors Residential Building at Al Barsha, Dubai	Mr. Syed Al Moosavi	BEL-YOAHAH	Piling & Pile Testing
67	B+G+2 Parking, Office and Theatre Blocks on Plot. 226-353 at Al Twar First, for M/s Dubai Police H.Q.	Aroma International	NUTEK CONSULTANT	Shoring
68	2B+G+6 Storey Office Building at Dubai Outsource Zone	M/s Juma Al Majid	LACASA	Site Setup, Shoring & Excavation
69	Proposed B+G+2 Theatre Building on Plot No. 22-353 at Al Twar First, Dubai	Aroma International	NUTEK CONSULTANT	Shoring
70	TUSCAN RESIDENCE – 3 Plots at Jumeirah Village	M/s DAMAC Properties	CONIN	Site Setup, Shoring
	TUSCAN RESIDENCE at Jumeirah Village	M/s DAMAC Properties	CONIN	Site Setup, Shoring & Excavation
71	2B+G+4 Floors – 4 Buildings at Mizin – Arjan, Dubai	M/s DAMAC Properties	GROUP CONSULT	Site Setup, Shoring & Excavation
	2B+G+4 Floors at Mizin – Arjan, Dubai	M/s DAMAC Properties	GROUP CONSULT	Site Setup, Shoring
72	Plot No MUE 014, DM Parcel ID 600 – 7970, Mizin -Majan	M/s DAMAC Properties	CONIN	Site Setup, Shoring
	Plot No MUE 014, DM Parcel ID 600 – 7970, Mizin -Majan	M/s DAMAC Properties	CONIN	Site Setup, Shoring & Excavation
73	B+G+4 Building On Plot No. Jvc 10K Mrp 006 At Jumeirah Village, Dubai	Condor Contracting	ALIM ARA ENGG. CONSULTANCY	Site Setup, Shoring & Excavation
74	Proposed New Hilton Beach Club & Resort On Plot No. 003 At Jumeirah Marina Beach Residence	Evershine Contracting	AL BURJ ENGG CONSULTANTS	Shoring
75	Al Rajaan Villas at Emirates Hills	United Seven	ERGA PROGRESS ENGG. CONSULTANCY	Shoring



# Experience Record

S. No.	Project Title & Location	Client Name	Consultant Name	Scope of Works
76	Proposed 132/11 Kv Substation At International City, Dubai	Gopinath Contracting	Architectural Design Unit	Shoring
77	2B+G+4P+26 Storey Res /Comm./Retail Bldg. "SILVER STALLION TOWERS" at Jumeirah Village, Dubai	M/s Stallion Developments	Al Wasl Al Jadded Consultants	Site Set up, Shoring, Excavation & Dewatering
78	B+G+1Storey Villa On Plot No. 342-635At Jumeirah Second, Dubai	Al Zafeen Contracting	ARCH./M. AL SHAIKH MUBARAK	Shoring
79	132/33 Kv Sub Station For Sharjah Electricity & Water Authority At Mussallah, Sharjah	Sub contract w/ M/s Team Engineering	HANI - LA HASHMA	Piling works
80	Abu Dhabi Health and Fitness Club	M/s Capriole Construction (Main Contractor)		Shoring
81	Deerfield Town Square at Al Bahya Old, Abu Dhabi	M/s Deerfield Town Square	RMJM	Site Set up, Piling, Excavation & Dewatering
82	DAMAC Marina Bay at Al Najmat, Abu Dhabi	M/s DAMAC Abu Dhabi Properties	ACG	Site Set up, Shoring, Piling, Excavation & Dewatering
83	4B+G+M+16 Floors Building on Plot No. JVC 10B MRH010 at Jumeirah Village, Dubai, U.A.E	Mr. Satnam Singh	EDMAC	Site Set up, Shoring & Dewatering
84	P-289 (I) Fujairah Cable Landing Station	M/s DU	SHANKLAND COX	Site Set up, Piling, Shoring & Excavation
85	B+G+1 Villa On Plot No. E-90 (394-803) At Emirates Hills, Dubai	ARABTEC Construction	Al Wasl Al Jadded Consultants	Shoring
86	Harbor Heights at Plot RT-2-C16, Abu Dhabi	M/s DAMAC Abu Dhabi Properties	SHANKLAND COX	Site Set up, Shoring, Excavation
87	Proposed Car Parking (G+ 4+ Roofs) & Training Building (G+3 Floors) at Port Rashid	M/s Dubai Customs	BEL YOHAH	Piling
88	Proposed (B+G+4) Residential Building on Plot No. IC3-H15, Nad Al Shiba, Dubai	Becon Construction	AL KHAWAJAH	Shoring
89	Business Central on Plot No. BB.03.021 at Business Bay, Dubai	M/s DAMAC Properties	CONIN	Site Set up, Shoring & Excavation
90	Suburbia on Plot No. DJA-MED-18 Res-003 & 004 at Downtown Jebel Ali, Dubai	M/s DAMAC Properties	Architecture Planning Group	Site Set up & Shoring



S. No.	Project Title & Location	Client Name	Consultant Name	Scope of Works
91	Construction of Additional G+5 Students Accommodation on Plot No. UG-02 at Academic City	Chase Developers	Dubai Consultants	Shoring
92	Luxury Villa on Plot No. L8 & L9 at Emirates Hills, Dubai	ARABTEC Construction	Dubarch	Shoring
93	B+G+1 Khansaheb Villa on Plot No. 353-275 at Al Safa First, Dubai	United Seven	ERGA Progress Engineering Consultants	Shoring
94	B+G+1 Residential Villa on Plot No. 362-1101 at Umm Suquim Second, Dubai	Hennessey LLC	Al Saray Engineering Consultant	Shoring
95	Proposed Construction Of G+1 Floor Villas on Plot No. 367-839, At Umm Al Sheif, Dubai	Al Buhaira Contracting	National Engineering Bureau (NEB)	Vibrostone Column works
96	Water's Edge Tower on Plot BB.B01.055 at Business Bay, Dubai	M/s DAMAC Properties	Architectural Consulting Group (ACG)	Site Set up, Shoring, Excavation, Piling & Dewatering
97	017661-CC-1003-EMAL-Plant Wide Roads Construction of Light Pole Foundations, Taweela, Abu Dhabi	M/s EMAL (Client) M/s Al Naboodah Contracting	SNC Lavlin & Wasley Parsons	Piling works – Light Pole Foundations
98	R471 –Al Muraqqabat Mixed Use Development (Plot No. 124-1211)	Dubai Real Estate	BEL YOHAH	Site Set up, Shoring & Excavation
99	Earthworks / Backfilling works for Dubai Duty Free's Plot 26-097 at DSO	Dubai Duty Free	Arkiplan	Backfilling works
100	Proposed Enoc Service Station On Plot No. 266-275 At Al Twar First, Dubai	Al Madar MGM Construction (LLC)	ESKAN Engineering	Shoring
101	Proposed development at Plot No. 257, Sanaiya, Ajman Ground Improvement by Vibro Stone Columns	Al Salem Contracting	Ajman Consulting Bureau	Vibrostone Column works
102	Proposed G+M+4 Floors Commercial & Residential Building on Plot. No.114-108 at AL Buteen, Dubai	Aroma International	ARC International Consultants	Shoring
105	2B+G+11 floors+Gym building on plot 319-320 at Oud Metha, Dubai	Al Malik Building Contracting	Al Majal Engineering Consultants	Shoring
106	"Proposed B+G+1 Villa on Plot No. 363-823 at Al Manara, Dubai	CONVRGNT Value Engineering LLC	Al Waha Engineering	Shoring
107	INVEST AD Developments – Beach Terraces Project, Reem Island, Abu Dhabi	HILL International	NORR Group Consultatns	Dewatering & Backfilling Works
108	"Proposed G+M+1 Warehouse Shed and Office for M/s. Dubai Police Head Quarters On Plot. No.242-151 at Al Ghusais Indl. First, Dubai	Aroma International	Freeline engineering	Shoring



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S. No.	Project Title & Location	Client Name	Consultant Name	Scope of Works
109	Construction of B+G+4 Floors Commercial / Residential Building Plot Nos.ICLOT 0400 & 0500 International City, Dubai	SOBHA Contracting LLC	National Engineering Bureau (NEB)	Shoring
110	Proposed Under Ground Water Tank & Pump room for Manipal University on Plot No.G-04, Academic City, Dubai	SOBHA Contracting LLC	Emsquare Engineering Consultants	Shoring
111	Proposed Compound Wall for G+2 School Building On Plot No 27-002 at Nad Al Shabba, Dubai	Dubai Silicon Authority	CHAWLA Arch & Engg. Consultants	Shoring
112	"Proposed B+G+1+ROOF Villa on plot no. 394-893 at Thanyah Fourth, Dubai	Sanmourya Building Contracting LLC	Al Saraya Engineering Consultants	Shoring
113	Shoring works at G+M+3 Building on Plot No. 144-180 at Al Buteen, Dubai	VALI Contracting	BHNS Engineering Consultants	Shoring
114	Protection of existing 900mm Diameter Water Main Along Road D-59 at Al Furjan, P7A Infrastructure – Phase 1, Dubai	NAKHEEL PJSC	DAR AL-HADASAH	Shoring
115	B+G+6+Gym Floor Comm/Office Bldg. on Plot No. 316-164 at Al Raffa, Dubai	TEAM ENGINEERING	Al Khawajah Engg Consultancy	Shoring
116	Proposed KEMPINSKI Beach Restaurant on Plot No. C-12, Crescent, Palm Jumeirah, Dubai	ARCO General Contracting	HALCROW Yolles Consulatns	Shoring
117	Construction of G+2+Roof Office Building on Plot S31006 at Jafza, Dubai	AL FAWZ	Abdul Arhim Architectural Consulants	Shoring
118	R-493 Le Meridien Redevelopment Hotel On Plot No. 214-848 At Al Garhoud, Dubai	AL Wasl	Arch Group	Site Set up, Shoring, Excavation & Dewatering
119	Luxury Villa on Plot No. L8 & L9 at Emirates Hills, Dubai	ARABTEC Construction	Dubarch	Shoring
120	Proposed Extension & modification of St: Mary's Catholic High School, Fujairah	Al Shafar General Contracting	AMCON Engineering Consultants	Site Set up, Piling
121	Burjside Terrace on Plot No. 345-392 at Burj Khalifa District, Dubai	DAMAC Properties	ZASPSE	Site Set up, Piling & Excavation
122	Sheikh Khalifa Interchange Project Abu Dhabi, U.A.E	M/s. LARSON & TURBO LIMITED	M/s. MOUCHEL	Light pole foundation works



S. No.	Project Title & Location	Client Name	Consultant Name	Scope of Works
123	Burj Side View Tower,Burj khalifa District, Dubai	DAMAC Properties	ZAS PSE	Piling & Pile Testing
124	B+G+1 Residential Villa On Plot No.362-1364 At Um Suqaim Second	M/s. MOHAMMED ABDUL RAHIM (AL BANNA)	Dubarch	Shoring
125	Proposed 400/132KV Substation for DEWA at Mushrif	DEWA (Dubai Electricity & Water Authority)	Electriicte de france	Shoring
126	B+G+1 Swimming Pool Villa On Plot No. 281-2340 At Al Khawaneej First, Dubai	BEDOOR SAUD OTHMAN	ROKN	Shoring
127	B+G+1 Villa on plot No.423-664 at Al Warqaa	Mrs.Fayeza Mohammed Saleh Saduddin	Sanmourya	Site Set up, Shoring, Excavation & Dewatering
128	Proposed additional Facility in Existing ENOC Filling Station at Al Quoz	Emirates National Oil Company (ENOC)	Vali Contracting	Site Set up, Shoring & Dewatering
129	Boundary Wall Works - Enoc Gujairah Distribution And Trading Terminal, Fujairah	Emirates National Oil Company (ENOC)	ITC	Shoring
130	"R1004" Al Maktoum Hospital (Redevelopment) at Naif on Plot No. 118-446, Dubai	WASL LLC	Bel-Yoahah	Site Set up, Shoring, Excavation & Dewatering
131	Proposed (B+G+M+4+GYM) Hotel Buildingon plot No. 112-474 at Al Ras, Dubai	Mr. Abdulla Aziz Mohammed Al Zarooni	Next Engineering	Site Set up, Shoring, Excavation & Dewatering
132	German Business park @Silicon Oasis	Silicon Oasis	NORR Group Consultants	Backfilling and Dewatering works
133	G+1 Ware house	Mr. Mohd Hadi Mohd, Amin (AL HIKMA)	Al Tawoan	Shoring
134	3B+G+7P+19 Storey Office Building on plot No.D-001-004 @ Tecom, Dubai	Landmark Asset Group Holding	Arch Group	Site Set up, Shoring, Piling, Excavation & Dewatering
135	Supply, Installation, Testing and Commissioning Series Reactor Stations at Generating Stations with 400 kV OHL Modifications, Dubai & Al Ain	DEWA	SIGMA	Piling & Pile Testing
136	Lotus Tower,Business Bay, Dubai	DAMAC Properties	CONIN	Shoring, Piling, Excavation & Dewatering
138	Proposed Star Hotel (2B+G+6+ Gym) Building On Plot No. 373-386, Al Barsha	Mr. MOHAMED TAYEB MOHD.	Al Baha Eng Consultants	Site Set up, Shoring, Excavation & Dewatering
139	Proposed B+G+M+1 Commercial &Office Building On Plot No. 354-997 at Al Quoz	Mr. TAYEB MOHAMED IBRAHIM (LEADER SPORT)	Al Ajmi Engineering	Site Set up, Shoring, Excavation & Dewatering
140	"R1002" Residential Development on Plot No 318-0433, Al Karama,	WASL	ARENCO	Site Set up, Shoring, Excavation & Dewatering



# Experience Record

S. No.	Project Title & Location	Client Name	Consultant Name	Scope of Works
141	Al Aziz Mosque, Al Reem Island, Rt1-P1, Abu Dhabi	HAMG	APG Consultants	Site Set up, Shoring, & Piling
145	G+2 Building for Mr. Saud Othman & Hussain Lootah On Plot No. 123-1157 at Al Mutheena	Mr. Saud Othman & Mr. Hussain Nasse Lootah	DAR Consult	Piling
142	Damac Tower On Plot No. Bb.a03.034 & Bb.a03.035, Business Bay	DAMAC	NAGA	Site Set up, Shoring, Excavation & Dewatering
143	Bay's Edge At Business Bay, Dubai	DAMAC	SHADID	Site Set up, Piling & Dewatering
144	Proposed G+3 Labour Accommodation G+2 Shops & Offices On Plot No. 358-605 At Al Quoz Third	Mr. Jalal Murari Lal	EDMAC	Shoring
146	B+G+1 Villa on Plot No.281-1859 at Al Khawaneej	Mohd. Ibrahim Ahmed Murad	Scale Consultants	Shoring
147	Proposed 3B+G+13+HC Tower	Abdul Salam Al Rafi Group	ENG. ADNAN SAFFARANI	Shoring
148	2B+G+4P+26 Floors Silver Stallion Towers at Jumeirah Village	Stallion Developments	Dubai Consultants	Anchoring works
149	Additional Facility in existing ENOC filling station on Plot No. 251-2983 at Mirdiff	ENOC	Al Gurg Consultants	Shoring
150	Proposed 2B+G+P+23 Storey plot no. 231-247, Al Nahda First	Hussain Nasser Lootah	DAR Consult	Site Set up, Shoring, Excavation,Piling & Dewatering
151	Proposed B+G+2 Office Building On Plot No.232-0280 At Al Qusais, Dubai	Emke Group	DAR Consult	Site Set up, Shoring, Excavation,Piling & Dewatering
149	B+G+9F+Hc Comm./Res. Building On Plot No. 245-809 At Muhaisinah, Dubai	Habtoor Group	Shadid	Shoring
150	Proposed Underground Water Tank For Specialist Services On Plot No.3640330 At Al Quoz Ind.1, Dubai	SPECILAST GROUP	MAZ	Shoring
151	Proposed 2B+G+8 Storey Residential Building on Plot No.3731224 at Al Barsha, Dubai.	Ahmad Mohd. Ameen Kazim	Lacasa Architects & Engineering Consultants	Site Set up, Shoring, Excavation & Dewatering
152	Constella - B+G+4P+35Floors On Plot No. Jvc18tcp011 Jumeirah Village, Dubai	DAMAC	Engineering Consortium Consulting Engineers	Site Set up, Shoring, Excavation,Piling & Dewatering
153	Vantage - B+G+4P+22Floors On Plot No. Jvc18tcp020 Jumeirah Village, Dubai	DAMAC	Engineering Consortium Consulting Engineers	Site Set up, Shoring, Excavation,Piling & Dewatering



# Licenses & Certificates

## Commercial Licenses

Dubai

**رخصة تجارية**  
**Commercial License**

**رقم الرخصة:** 887758

**Trade Name:** RABAT PILING

**Legal Form:** Limited Liability Company

**Trade Name:** Rabat Engineering Piling - LLC

**Issue Date:** 2019/05/15

**Expiry Date:** 2024/05/15

**Address:** P.O. Box 432323, Dubai, UAE

**Issue Date:** 2019/05/15

**Expiry Date:** 2024/05/15

Abu Dhabi

**رخصة تجارية**  
**Commercial License**

**رقم الرخصة:** 2004154

**Trade Name:** Rabat Engineering Piling - LLC

**Legal Form:** Limited Liability Company

**Trade Name:** Rabat Engineering Piling - LLC

**Issue Date:** 2019/05/15

**Expiry Date:** 2024/05/15

**Address:** P.O. Box 432323, Dubai, UAE

**Issue Date:** 2019/05/15

**Expiry Date:** 2024/05/15

Sharjah

**رخصة مهنية**  
**Professional License**

**رقم الرخصة:** 21992

**Issue Date:** 19/07/2018

**Expiry Date:** 20/07/2024

**Trade Name:** NAT. DETERMINING & PILING CONT. EST.

**Legal Status:** Civil Company Professional

**Issue Date:** 19/07/2018

**Expiry Date:** 20/07/2024

Fujairah

**رخصة مهنية**  
**Professional License**

**رقم الرخصة:** 11158

**Issue Date:** 19/07/2018

**Expiry Date:** 20/07/2024

**Trade Name:** NAT. DETERMINING & PILING CONT. EST.

**Legal Status:** Civil Company Professional

**Issue Date:** 19/07/2018

**Expiry Date:** 20/07/2024

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