

HMF

Heavy Marine & Foundations, Ltd.



✚ Marine Construction ✚ Foundation Piles ✚ Construction ✚



Dear Customer,

Heavy Marine & Foundations, Bahamas, Ltd., is a fully licensed and insured Bahamian firm capable of handling upland and offshore construction projects and infrastructure development. For major Marina projects HMF joint Ventures with Shoreline Foundation, Inc., of Florida. Heavy Marine Foundations represents over 100 years of experience in the construction industry. The Heavy Marine Foundations partnership team is capable of creating buildings utilizing traditional construction methodologies as well as implementing the latest in construction technology for: super structures, residential, commercial, institutional, and industrial buildings.

Heavy Marine Foundations provides diverse construction services to our clients through our General Construction Division and our Heavy Marine and Foundation Division, throughout the Commonwealth of the Bahamas.

The General Construction Division provides services that include: block or concrete super structures, concrete floor systems, concrete wall systems, and substructure foundations. The Marine Foundation Division provides services that include: heavy upland foundations, deep pile driving, residential and commercial seawalls and docks, breakwater and shoreline stabilization systems, dredging, and beach renourishment.

Heavy Marine Foundations is capable of delivering the best possible product, on time and within budget. Our construction crews are supported by our professional staff of technical and engineering specialists. This enables Heavy Marine Foundations to offer pre-construction planning and construction budgeting estimates, architectural and engineering services, environmental assessments, and the development of environmental mitigation and restoration plans.

We are pleased to offer our services to the Commonwealth of the Bahamas and throughout the Caribbean and look forward to assisting you with your next construction project.

HEAVY MARINE & FOUNDATIONS

JUST THE

FACTS



Heavy Marine & Foundations, Bahamas Ltd., provides extensive experience, 100% commitment & great value to our clients.



Local knowledge of delicate marine ecosystem and utilization of construction technology designed to mitigate environmental impacts.



Over 100 years of collective experience in marine construction and upland foundation services representing over 600 successfully completed projects.



Fully licensed, insured, and bondable for every type of marine construction and heavy foundation project.



Along with our affiliates we have successfully completed projects throughout the Bahamas, Puerto Rico, Cayman Islands, and British West Indies; with projects pending in the Turks & Caicos.



Extensive reserve of construction equipment, experienced heavy machinery operators and skilled craftsman allow for efficient project completion. Multiple construction crews & support staff provide unequalled service for our clients.



Extensive experience constructing every conceivable type of marine project ranging in size from single family docks to the mega-yacht facility Atlantis Marina at Paradise Island, Bahamas.

HUMAN RESOURCES



Heavy Marine & Foundations, Bahamas Ltd., in conjunction with Shoreline Foundation, Inc., has assembled a team of professionals that can handle every aspect of your construction project. Each client is a valued customer for whom we provide: conceptual design, environmental impact assessments, site surveys, architectural renderings, permitting, deep pile driving, heavy foundation services, and a full range of building construction services. We consider every one of our employees to be a member of this team, and hereby introduce some of our key players:

Dwayne Pratt
Chairman
President, CEO

President of Heavy Marine & Foundation, Bahamas Ltd., Dwayne also serves as Chief Operating Officer. He has been extensively involved in the infrastructure development of Lake Cunningham Subdivision and the marine works at the Atlantis Marina Project. For the past 18 years, Dwayne has gained a wealth of knowledge in architecture and construction. He has more than more than 15 years involvement in all phases of construction, with an emphasis in the area of infrastructure development. Dwayne oversees the Marine Division.

Michael A. (Tony) Pratt
Sr. Vice President
Managing Director

Tony comes from a family of builders and has spent all his life around construction. Managing Director of Heavy Marine & Foundation, Tony has a degree in Management and more than 15 years of banking experience. Tony is highly qualified to serve as Vice President of Business Administration and Finance for Heavy Marine & Foundation, Bahamas Ltd. Widely traveled, Tony has served in senior managerial positions, overseeing the operations of Credit Suisse Bahamas banking operations. Tony has extensive knowledge of all phases of construction, cost analysis, project and crew management. Tony oversees the General Operations and the Vertical Construction Division.

Brad Hovas
Vice President
Vertical Construction

A procurement specialist in all areas of building materials and methods, having served in a number of managerial positions in construction companies throughout the United States, Brad now serves as Director of Construction for the Upland Construction Division. Responsible for contract negotiations, Brad is responsible for Project Managers and Field Operators.

Michael Antoine Pratt
Staff Engineer
Asst. Vice President

With a degree in Civil Engineering, from the FAMU / FSU School of Engineering, Antoine serves as Staff Engineer and Asst. Project Manager. Antoine has done major projects in both Civil and Structural Engineering throughout the Bahamas and oversees the Auger Pile Division.

Abraham Aquino,
(Project Manager)

With a degree in Civil Engineering, and a member of The Philippine Institute of Civil Engineers, Abraham serves as Senior Staff Engineer and Project Manager. Abraham has done major projects in both Civil and Project Management throughout the Philippines and works in the Upland or Vertical Construction Division.

CONSULTANTS

James A. Royo
(Consultant)

With a degree in Marine Biology, James has served as President of Shoreline Foundation, Inc., since its inception in 1986. His extensive experience includes finance, workers compensation and liability insurance, project bidding, and bonding. James holds certifications in marine construction, structural engineering, general building and pile driving in the counties of Dade, Broward, Monroe, Palm Beach, Collier and Indian River counties in Florida.

Alex Brisk, E.I.
(Consultant)

Alex is a 1994 graduate of the University of Florida, with a B.S. degree in Civil Engineering. His extensive experience includes consulting services in: foundation design, site development, environmental phase audits, and pipe design. Alex also possesses comprehensive computer skills which qualify him as a computer technician, network consultant, and database manager, with certifications in Microsoft, Cisco, and Oracle

Kevin Cote
(Consultant)

With a degree in Marine Biology and Environmental Sciences, from Florida State University and Florida international University, Kevin served for over 15 years developing special projects for the Dade County, Florida environmental regulatory agency. Responsible for creating Dade's Marine Facilities Permit Program, Kevin introduced many pro-active marina management strategies to South Florida. He authored numerous best management practices utilized in South Florida's updated marine facilities.

John R. McGee
(Consultant)

As Vice President and founding partner of Shoreline Foundation, Inc., John has earned a reputation of accepting nothing less than excellence in marine and pile driving construction. He has comprehensive expertise in the fields of project management, employee scheduling, subcontractor scheduling, quality control, job safety and equipment maintenance. John has extensive knowledge in all aspects of company management and financial policies.

Ben Mostkoff
(Consultant)

Often referred to as "the father of Miami's artificial reefs" Ben utilized his degree in accounting from Boston College to aggressively pursue public funding for marine habitat enhancement projects. Experienced in fisheries management issues, Ben has designed reef systems for over 18 years to benefit juvenile fishes and as a means of reducing pressure on natural reef systems. Two U.S. Patents serve as testimony to his numerous innovative marine habitat systems.

Barry S. Reed
(Consultant)

Barry has lived his entire life in and around marine construction. As a graduate of Union Apprentice School with a specialty in Millwrights Pile Drivers and Divers, he has complete knowledge of project management, employee scheduling, sub-contractor management, quality control, job safety, and equipment maintenance. In addition, Barry serves as Vice President and founding partner of Shoreline Foundation, Inc.

Douglas Seaman, P.E.
(Consultant)

With a degree in Civil Engineering Technology, Douglas is a Professional Engineer registered in the states of Florida, Arizona and New Mexico. With over 20 years of expertise in roadway design, hydraulic design, and construction management, Douglas has managed key public works projects, provided oversight of extensive wetland mitigation efforts, and was crucial to the success of FDOT's massive road refurbishment necessitated by Hurricane Andrew.

OUR SERVICES

• Auger

- Auger Cast Piles
- Slurry Walls
- Drill Shafts
- Static Load Test
 - Road
- Temporary Shoring/Bracing
- Permanent Sheet Piling
- Cofferdams
- Pre-Cast Pilings
- Pin Piles
- Dewatering
- Jack & Bore Pits
- Bridge Construction
- Underwater Concrete Tremie Seals
- Sheet Pile Retaining Walls

• Marine

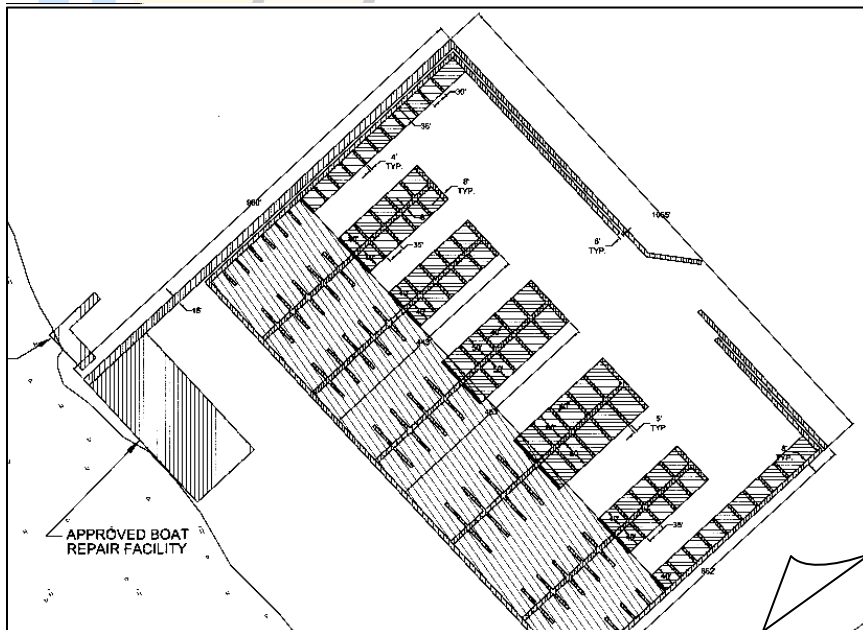
- Docks
- Marinas
- Seawalls
- Breakwaters
- Shoreline Stabilization
- Beach Re-nourishment
- Dredging
- Environmentally Sensitive Projects
- Bulkheads
- Rip Rap Revetment
- Groins
- Port Infrastructure
- Mega Yacht Facilities
- Boat Yard Construction
- Dry Stack Facilities

• Vertical Construction

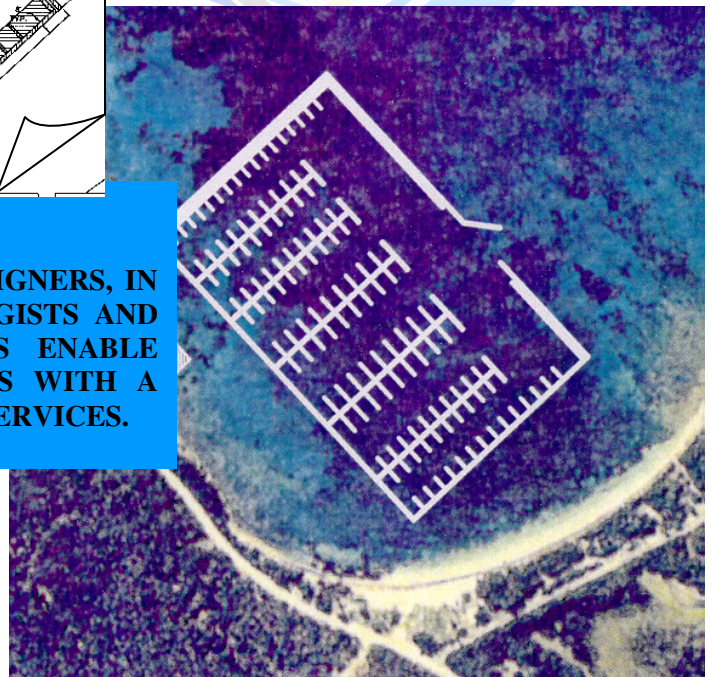
- Design Build
- General Construction
- Pre-construction Support
- Scheduling & Cost Control
- Project Management
- Structural Engineering

• Civil Works

- Roads
- Drainage
- Drafting
- Water & Sewer



OUR ENGINEERS AND CAD DESIGNERS, IN CONCERT WITH OUR BIOLOGISTS AND ENVIRONMENTAL SPECIALISTS ENABLE US TO PROVIDE OUR CLIENTS WITH A FULL RANGE OF CONSULTING SERVICES.



AUGER DIVISION

Our Auger Division specializes in Augered Cast-In-Place (ACIP) grout piles ranging in diameter from 12 inches to 30 inches with ground depths of up to 95 feet of penetration. ACIP piles are installed by digging into the ground with a specialized auger bit. As the bit penetrates the rotating motion of the auger forces the substrate up and out of the resulting drilled-shaft.

Upon reaching the desired depth the auger is raised out of the hole while the grout mixture (sand + cement + water + additives) is simultaneously pumped into the auger hole. Pre-fabricated steel rebar cages are immediately lowered into the grouted-hole and upon curing the ACIP is complete.

Over the last 50 years, ACIP has proven to be the pile of choice for installations which require minimum ground vibration, and/or disturbance of the immediate area. The HMF Auger Division has earned a reputation in the foundation industry of proving design-build ACIP services, competitive pricing, and excellent customer service.



Atlantis Phase III

All Suites Hotel

**Paradise Island
Nassau, Bahamas**

***Contractor:*
PCL Construction**



MARINE DIVISION

Our Basic services include bulkhead, dock, and pier construction as well as the installation of mooring pilings and fendering systems. our Marine Division also provides: dredging services from inland canals to port maintenance, jetty construction for ocean inlets and marine basin entrances, and is a source for coarse grain quartz sand and aragonite sand for beach renourishment projects.

From docks in the Old Fort Bay Nassau and Ocean Club paradise Island to the prestigious marinas at Atlantis Paradise Island, and Cape Eleuthera HMF provides the best in marine design-build construction services.



Atlantis Marina

The drawing and excavation technique utilized in the construction of Atlantis Marina allowed for exact water depth design and exact placement of all pre-cast structures.



GENERAL CONSTRUCTION DIVISION

HEAVY MARINE & FOUNDATIONS
HAS PARTNERED WITH
P & P DEVELOPEMENT
TO CONSTRUCT THE HIDDEN HILLS
DEVELOPMENT PROJECT



A DESIGN BUILD PROJECT



HIDDEN HILLS DEVELOPEMENT
AERIAL VIEW



GENERAL CONSTRUCTION CONTD.....

MANDIESL HAS CONTRACTED HMF TO CONSTRUCT THE POWER PLANT AT HATCHET BAY, ELEUTHERA, INCLUSIVE OF THE M & E PACKAGE





MARINE CONSTRUCTION,
FOUNDATION PILES,
GENERAL CONSTRUCTION,
DESIGN

EQUIPMENT FACT SHEET



Over the last 10 years, Heavy Marine & Foundations, Company Ltd., is responsible for and or assisted with over 650 marine construction Projects in the Bahamas, Southeastern United States, the Caribbean Islands, and Puerto Rico. These endeavors range in size from single-Family home docks, to municipal marinas with fixed and floating docks and fueling facilities, to the mega-yacht facility of Atlantis Marina, Paradise Island, Bahamas.



This fact sheet provides a listing of our Heavy Equipment awaiting to be mobilized to take on your project undertaking.

Equipment list

Earth Moving Division

- 4- 25TON articulating trucks
- 2- 35ton articulating trucks
- 1- 40ton articulating truck
- 2- D9H tractors
- 2- D8 Tractors
- 2-980 Loaders
- 1- 385 Excavator
- 1- 375 Excavator
- 1- 345 Excavator
- 2- 320 Excavators
- 1- 12ton vibro roller
- Fuel trucks
- Lube trucks
- 66000 gls. fuel storage
- 3-24inch water pumps

Hammers

- 2-APE 150 Vibro Hammers
- 1-APE 175 Vibro Hammer
- 2-D-19-32 Diesel Hammers
- 1-520 Diesel Hammer
- 2-D-46-32 Diesel Hammers

Drill Rigs

- 4-50,000 Ft Lb. Drills
- 1-75,000 Ft. Lb. Drill
- 4-Grout Pumps 100 C/Y
- 4-Drop Hammers

Barges, Cranes & Tugs

- 4-4460 American Truck Cranes
- 2-7260 American Crawler Cranes
- 2-5299 American Crawler Cranes
- 1-120'x45' Spud Barge
- 2-110'x40' Spud Barges
- 3-Tug Boats

Marine Division

- 40x135 LOW line Barge
- 50x150 Low Line Barge
- Hydraulic Hammers
- Hydraulic Pumps
- 50 ton Crane
- 70 ton Crawler crane



OUR PROJECTS

Over the last 10 years, Heavy Marine & Foundation, Company Ltd., is responsible for and or assisted with over 650 marine construction projects in the Bahamas, the Caribbean Islands and Puerto Rico. These endeavors range in size from single-family home docks, to municipal marinas with fixed and floating docks and fueling facilities, to the mega-yacht facility of Atlantis Marina, Paradise Island, Bahamas.

The following is a partial listing of the name and location of each project, with photographs of representative projects.

PROJECT NAME	PROJECT LOCATION	PROJECT NAME	PROJECT LOCATION
Atlantis Concrete Testing	Paradise Island	J&J Construction	020 Ocean Club
Breaker House	Lyford Cay	J&J Construction	026 Old Fort Bay
Osprey Developers	015 Ocean Club	King's Real Estate	016 Ocean Club
Abaco Club Ltd.	Abaco, Bahamas.	King's Real Estate	027 Ocean Club
TLK Construction	021 Ocean Club	King's Real Estate	033 Ocean Club
Spellman Residence	Abaco, Bahamas.	King's Real Estate	034 Ocean Club
Jones Construction	Roberts Isle	M&T Construction	Ocean Club
Casa-Deleon	032 Ocean Club	Osprey Developers	Ocean Club
Bray-Shen Builders	018 Ocean Club	Paradise Blue Water	028 Paradise Island
Bray-Shen Builders	340 Ocean Club	Paradise Blue Water	031 Paradise Island
Cape Eleuthera Ltd.	Eleuthera, Bahamas.	Paradise Blue Water	039 Paradise Island
Cavalier Construction	Sandy Port	PCL Constructors Ltd.	030 Paradise Island
Farrington's Residence	Old Fort Bay	PCL Constructors Ltd.	035 Paradise Island



Ocean Club Estates

*Exclusive gated community
Paradise Island
Bahamas*

Residential Docks



Cape Eleuthera Marina

*Cape Eleuthera
Eleuthera, Bahamas
Project Value: US \$4.7 M*



Crab Cay Bridge

Exuma & Crab Cay, Bahamas
Project Value: US \$1.3M



Rum Cay

Rum Cay, Bahamas
Project Value: US \$6M



Atlantis Phase III

All Suites Hotel

**Paradise Island
Nassau, Bahamas**

***Contractor:*
PCL Construction**



Ocean Club Estates

***Exclusive gated community
Paradise Island
Bahamas***

***King's Real Estate
Residential Dock***

COFFERDAM PROJECT



Atlantis Phase III

All Suites Hotel

**Paradise Island
Nassau, Bahamas**

***Contractor:*
WR Nash**

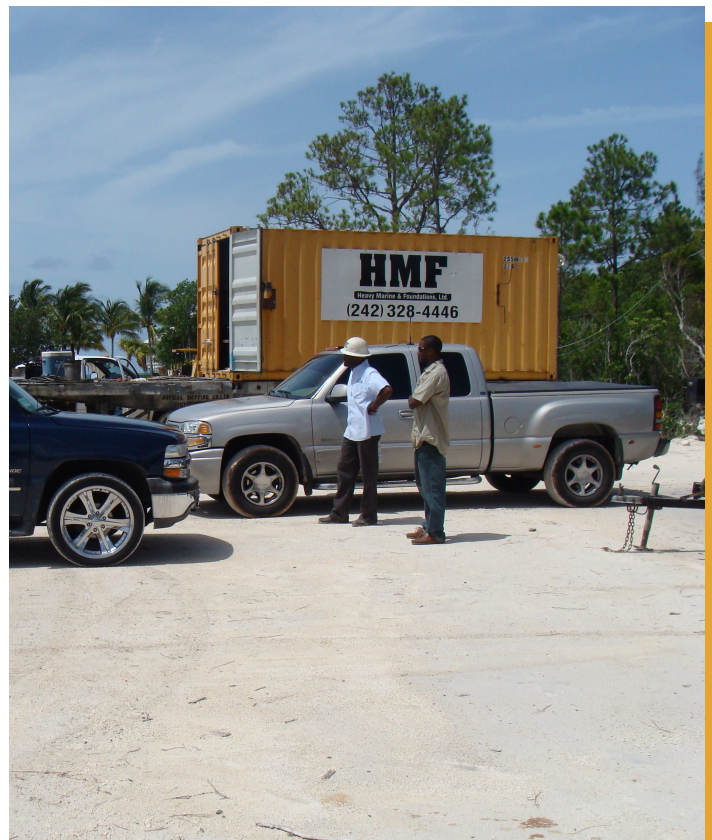


Albany Phase 1

Cottages

Southwest Road
Nassau, Bahamas

Contractor:
Cavalier Construction



AFFILIATED PROJECTS

Over the last 15 years, Heavy Marine & Foundation, Bahamas Ltd., and our affiliated company, Shoreline Foundation, Inc., are responsible for over 600 marine construction projects in the southeastern United States, the Caribbean Islands, and Puerto Rico. These endeavors range in size from single-family home docks, to municipal marinas with fixed and floating docks and fueling facilities, to the mega-yacht facility of Atlantis Marina, Paradise Island, Bahamas.

The following photographs represent a few of these projects.



Hurricane ravaged shoreline resulted in undermined building foundations and required the installation of over 1000 feet of pre-cast concrete seawall and the replacement of lost fill ma-



Built ahead of schedule, the Deering Bay Marina in Coral Gables, Florida is one of the many large scale marinas built by our professional construction team.



Marina installation of Bellingham Floating Dock System



Providing the ultimate in design flexibility. Floating fuel facilities can be located almost anywhere within the boundaries of the marina.



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