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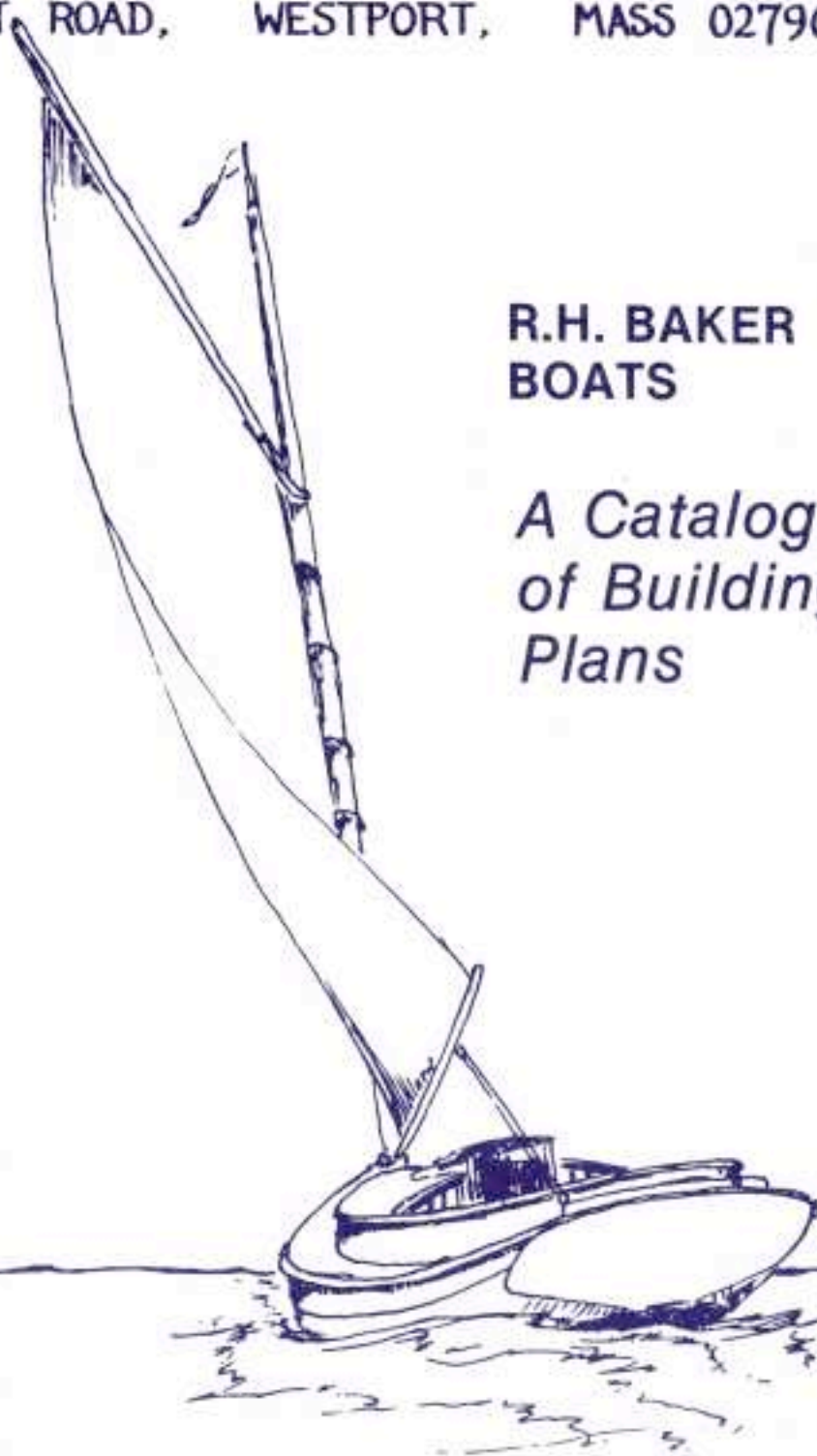


BAKER BOAT WORKS

29 DRIFT ROAD, WESTPORT, MASS 02790

**R.H. BAKER
BOATS**

*A Catalog
of Building
Plans*



Classics Since 1944

Robert H. Baker (Nov. 1927 - Sept. 1983)

Beginning with childhood summers spent in the bays and marshes of Westport, Massachusetts, Robert "Bob" Baker loved boats. Even as a child, he would find old boats and, often as possible, bring them home with him. Out of practical experience and careful observation, Bob arrived at his own remarkable technical and aesthetic understanding of watercraft.

Bob was an artist and a craftsman of the highest order, and his interests and talents are evident in his work. As Jon Wilson of **WoodenBoat Magazine** wrote, "Bob loved things traditional, and taught others to love them, but he was not bound by tradition. ... His unfailing eye for proportion and detail was thus the object of considerable admiration for all who knew him. His subtle touch was in evidence everywhere around his shop, his house, his boats, and in the numerous designs he created."

When Bob Baker died in 1983, he left a legacy of extraordinary work — beautiful boats and boat designs, models, carvings, and a large collection of photos, sketches and plans. In many instances, Bob's work captured and illumined the vanishing craft of wooden boat building. "There is not much new around," he said. "It's really old stuff reworked or modern ideas are designed without environment or medium in mind. Eventually. People will return to what does work. Like traditional small craft."

Bob spent his life with boats, sailing them, drawing them, restoring them, and, whenever possible, taking lines off them. His plans and drawings are a reflection of his love and understanding of design and of the sea. Bob had the ability to see and understand shape, an art that few people achieve and this art of perception is what guided him all his life.

Baker Boat Works

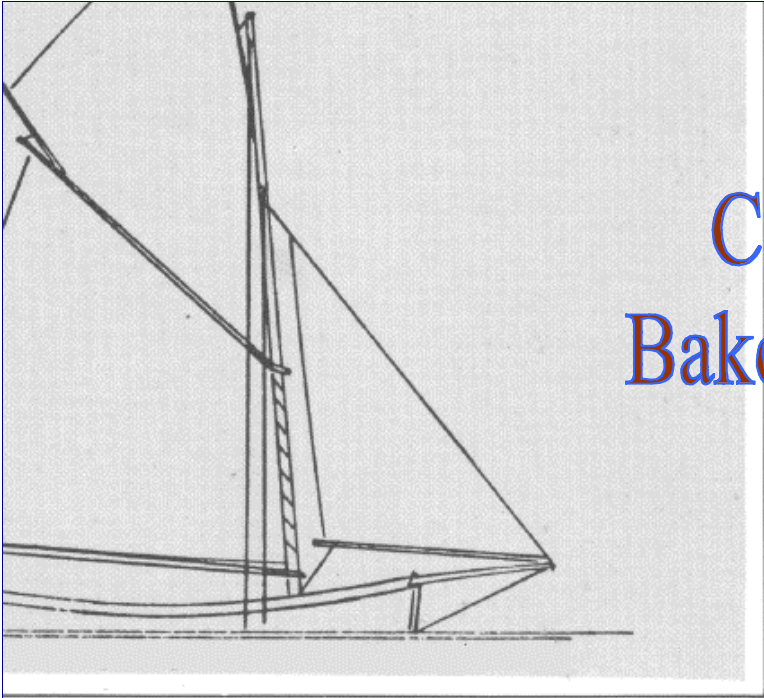
The history of Baker Boat Works began with Bob in Middletown, RI at St. George's School where he taught boat building, under the name Dragon Boat Shop. His shop grew and developed, moving around the southeast area between Newport, RI, Warren, RI, and Westport, MA. When Bob left St. George's School the shop changed to Baker Boat Works and Restoration where Bob and Anne "Pete" Doolittle began working together. Bob focused on boats while Pete focused on house restoration, though each often helped the other with their perspective works.

In 1966 Bob and Pete married. Each had several children from previous marriages and together they had two children. When Bob died Pete held up his legacy and began Baker Boats Works plans sales. Plan sales began from a paper catalog she created and published, then later the catalog moved to the internet where it can now be found on By-The-Sea.com .

In 2011 Anne "Pete" Baker died. Because interest continues in the works of Bob, his children have agreed to continue the legacy and offer his plans. Just prior to her death, Pete finished a short book about the life of Bob. As of 2013 the book is not published, but we hope to make this work available as soon as possible. The working title is *For the Love of Boats*.

For more information about Bob, Pete, Baker Boat Works, or any of the plans available for sale please contact us by email at:

RHBakerCatalog@gmail.com



Contents Baker Boats

Welcome to The Baker Boat Catalog in PDF format.

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Fiberglass	53
Half Models	60

Please see prices at: <http://www.by-the-sea.com/bakerboatworks/>

BAKER BOAT WORKS - Plans

DINGHIES

TERN – Plan 23

YACHT'S DINGHY – Plan 91

PUDDLEDUCK – PLAN 56

NORTH SHORE DINGHY - Plan 1

Please see prices at: <http://www.by-the-sea.com/bakerboatworks/>

Questions? Contact: RHBakerCatalog@gmail.com

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TERN Plan No. 23

LOA: 10'0"
BEAM: 4'7½"

Designed by
R.H. BAKER, 1958

PLANS INCLUDE:

Lines, Offsets, Sail Plan,
Construction Detail
- Plywood

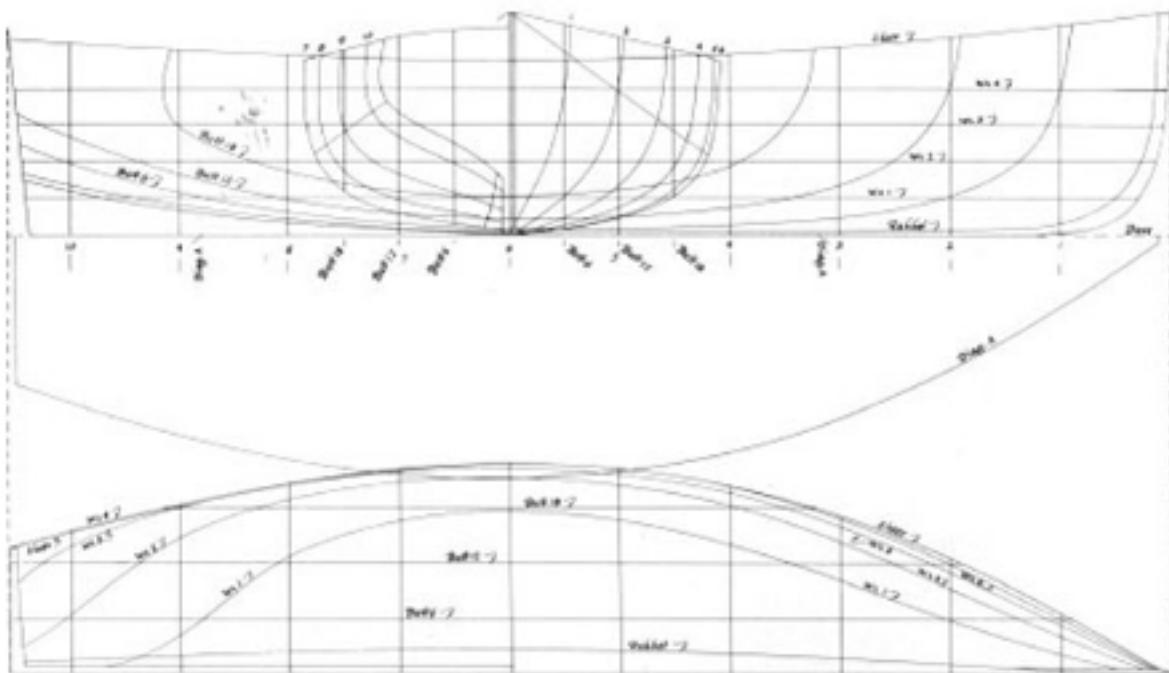
DIFFICULTY LEVEL:
Easy



The sloop TERN is a safe, simple hard-chine dinghy, conceived as a modification to GOSLING (Plan #22) but with easier construction and more load-carrying ability. She has a jib-headed rig (64 square feet) and could carry a spinnaker. TERN will hold three children or two adults, and could be built in fiberglass or plywood.

"All my life, I've been designing these same damn little boats and I don't know why."

RHB



Yacht's Dinghy SWALLOW — Plan No. 91

LOA: 10' 7" BEAM: 3' 9 $\frac{3}{4}$ "
 Attributed to: HERRESHOFF, 1920
 Lines Taken by: R.H. BAKER, 1968
 PLANS INCLUDE: Lines, Offsets
 DIFFICULTY LEVEL: Intermediate

This light, smooth-planked yacht dinghy rows well and is easy to tow. A good size for hoisting on board, she carries two adults or three children. She is attributed to Herreshoff, and details such as her moulded rail are typical of his work.

PUDDLEDUCK

Plan No. 56

LOA: 7' 10 1/4"

BEAM: 4' 0"

DRAFT: 0' 7"

Designed by
R.H. BAKER, 1951

PLANS INCLUDE:

Lines, Offsets, Sail Plan,
Construction, Sparring
and Perspective -
(one view)

DIFFICULTY LEVEL:
Easy



One of the true all-around dinghies, PUDDLEDUCK is good for sailing, rowing or as a deckable tender. The plywood pram was originally designed as a boat for students at St. George's School, Newport, to build, sail and race. Because of a V-bottom with more than the usual deadrise, sheer and rocker, PUDDLEDUCK is dry and a good, responsive sailer for two children or one adult. (For rowing, she will carry four adults.) PUDDLEDUCK has a sliding gunter rig with spars short enough to stow inside the boat. She's also easy to transport; in fact, many people remember Bob carrying these little boats to regattas on his old firetruck.

"Just something I decided to play with one morning and I worked out a set of lines for her and . . . oh heck, let's build the little stinker."

RHB



North Shore Dinghy — Plan No. 1

LOA: 11'0" BEAM: 4'9 $\frac{3}{4}$ "

DRAFT: 7"

Designed by: R.H. BAKER, 1963

PLANS INCLUDE: Lines, Offsets, 2 Sail Plans,
Construction

DIFFICULTY LEVEL: Intermediate

This able little clinker-built dinghy is a pleasure to handle under sail or oars. She is round-bilged, with an offset centerboard, which simplifies the building process or she can be built as a rowing boat, with no centerboard. For sailing, choose the North Shore's gaff rig or the gunter (easier to rig, unrig and transport). The North Shore Dinghy will carry 3 adults.

The North Shore Dinghy, named NELLIE, was featured in a WoodenBoat (# 1) article. Builder Bill Page calls her "the one boat in which I would change absolutely nothing if I were to build her again, and would not part with her at any price. Bob did an absolutely outstanding job when designing her."

BAKER BOAT WORKS - Plans

Small Boats under 18'

GOSLING - Plan 22

SWAMPSCOTT DORY - Plan 14

KID'S POD Clinker-built Peapod - BBW Plan 18 (Order from Maine Maritime Museum)

PICCOLO - BBW Plan 16 (Order from WoodenBoat Magazine)

Please see prices at: <http://www.by-the-sea.com/bakerboatworks/>

Questions: Contact: RHBakerCatalog@gmail.com

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GOSLING

Plan No. 22

LOA: 9'6"

BEAM: 4'3"

DRAFT: 0'7"

Designed by
R.H. BAKER, 1956

PLANS INCLUDE:

Lines, Offsets, Sail Plan,
Construction

DIFFICULTY LEVEL:
Basic Intermediate



This fast, round-bilged yacht dinghy has a single 45 square foot, loose-footed gunter sail and is ideal for creeping about small inlets or just generally "messaging about" in. She's also a good class boat or tender and will carry three children or two adults. Bob designed GOSLING to be Ashcroft (cold moulded) constructed, but he felt she would be ideal for fiberglass also.

"Someday I'll build the thing again because I do like the boat."

RHB

Swampscott Dory

TIM

Plan No. 14

LOA: 17' $\frac{3}{4}$ "

BEAM: 4' $8\frac{1}{4}$ "

Lines Taken By:
R.H. BAKER, 1981

PLANS INCLUDE:

Lines, Offsets, Sail Plan &
Sparring

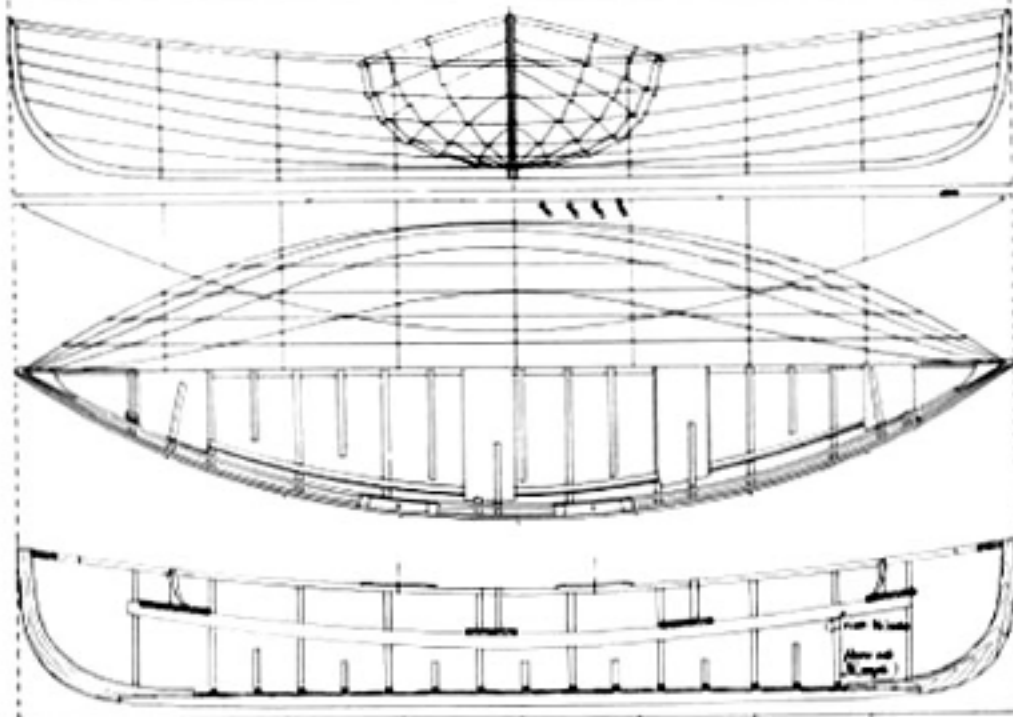
DIFFICULTY LEVEL:
Easy



The original of this historic flat-bottomed, four-planked double-ended Swampscott dory was built in 1904 by E.G. Emmons in Swampscott and used primarily on the Belgrade Lakes. The dory is clinker-built, with two rowing stations and a leg-o-mutton rig — a good single-handed dory and — flat enough to sit upright when beached. The design is interesting because it combines characteristics of the older, more traditional open dory with those of the later decked dory.

"All things are because they developed from a need. The need creates the mould, a parent. To preserve this mould is all-important. The preservation of a life style follows. We only look back in order to go ahead when we understand the birth of the idea first."

RHB



Kid's Pod — Plan No. 18

LOA: 12' 10" BEAM: 3' 9¼"

Measured by: Apprentice Shop, Bath, Maine, 1980

Drafted by: R.H. BAKER, 1981

PLANS INCLUDE: Lines, Offsets, Construction. Baker

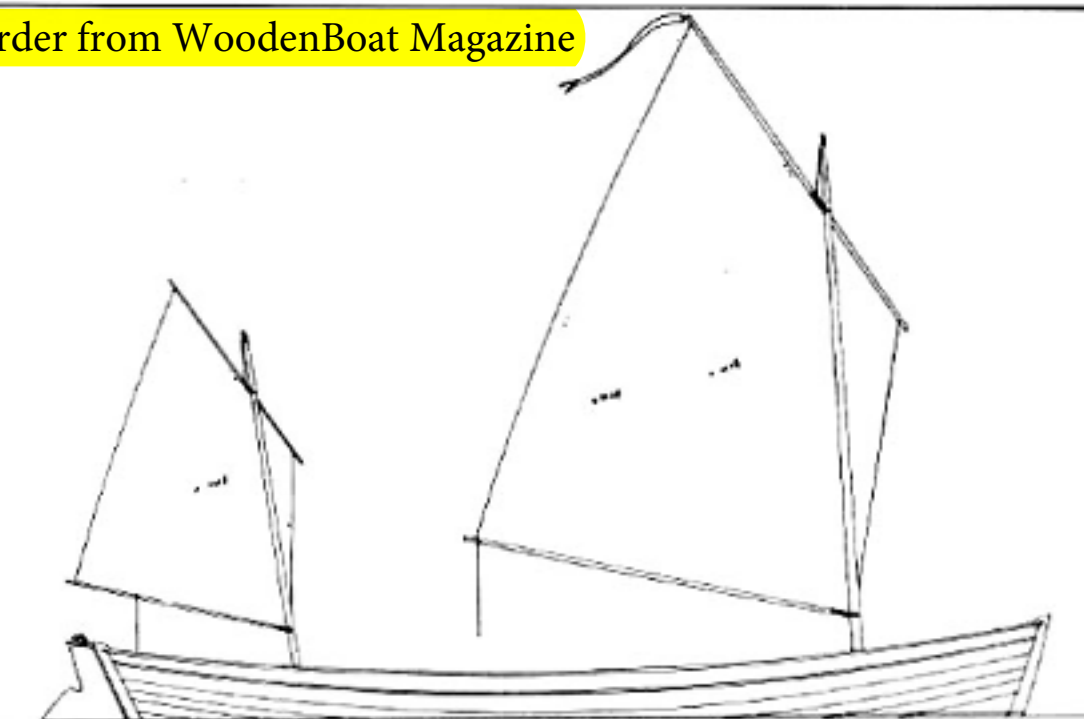
Plans should be ordered directly from Maine Maritime Museum,
963 Washington St., Bath, Maine 04530.

DIFFICULTY LEVEL: Basic Intermediate

Chances are, the original Kid's Pod was built for someone's grandchild, because the boat is ideal for children, nice handling with a pretty, symmetrical shape. She will carry up to four adults.

Maine Maritime Museum, which sells the plans, says this: "**Small Clinker Built Peapod** - Drawn by R.H. Baker. 12' 10" length between the perps, 3' 9¼" moulded beam. Lapstrake peapod with 2 rowing stations. Illustrated in the Museum publication 'Barns, Beams & Boats.' One of our very favorite boats. Plans include lines, offsets and construction details. 1 sheet."

Order from Maine Maritime Museum



PICCOLO — Plan No. 16

LOA: 12'8" BEAM: 2'6"

Designed by: R.H. BAKER, 1979

PLANS INCLUDE: Lines, Offsets, Sail Plan, Sparring & Construction

DIFFICULTY LEVEL: Intermediate

The plans for this clinker-built sailing canoe are available from *WoodenBoat Magazine*, which has this to say about the boat: "PICCOLO was especially designed for *WoodenBoat* by Bob Baker - a man we feel had an unfailing eye for form and proportion and the firsthand experience with small boats that is needed to make them perform well."

WoodenBoat rates PICCOLO as seaworthy relative to other small, undecked canoes but suggests she's "at her best when sailing in the shelter of a harbor or river or when cruising near to shore." PICCOLO's hull weighs just over 50 pounds, and her masts are designed to fit into any of the three mast thwarts, creating three possible sail combinations. Her rig is ketch or standing lug, and she will carry up to two adults sailing or paddling.

"You could hardly expect to get up and run around the boat to handle it, so it had to have everything led to within easy reach of one person. Her spars had to be kept short enough so they'd all stow comfortably inside the boat, yet I wanted a rig large enough to drive her along at a good speed - I wanted the boat to really sail, not just look like she might."

RHB

BAKER BOAT WORKS - Plans

Skiffs and Sharpies

WESTPORT SKIFF - Plan 71

SOUTHARD'S SHARPIE - Plan 2

WESTPORT SHARPIE - Plan 69

SOUTHARD SKIFF - Plan 95

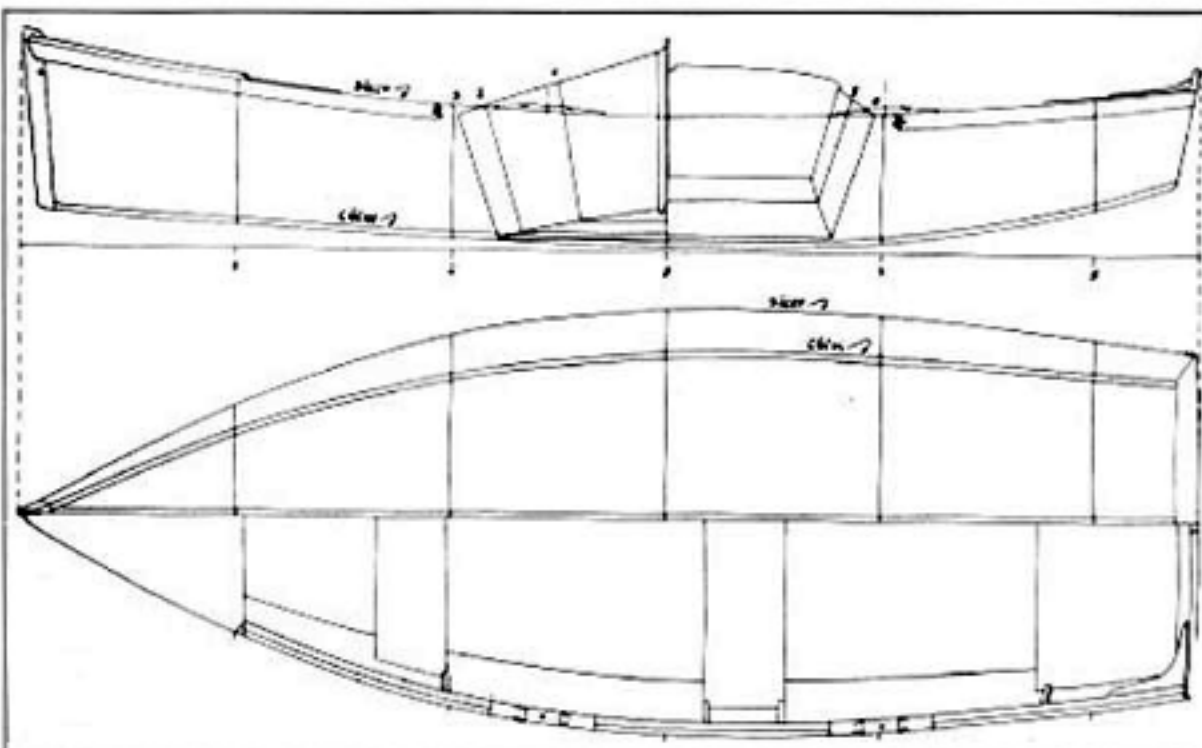
Please see prices at: <http://www.by-the-sea.com/bakerboatworks/>

Questions: Contact: RHBakerCatalog@gmail.com

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SKIFF — Plan No. 71

LOA: 11'0"

BEAM: 3' 11½"

Designer/Builder: Fred Tripp, circa 1942

Lines Taken by: R.H. BAKER, 1979

PLANS INCLUDE: Lines, Offsets, Construction

DIFFICULTY LEVEL: Easy

These skiffs have long been the favored water transport in and around Westport, Massachusetts. They are quick and lively, good in surf or at sea. They row easily, behave on a tow line and have solid workboat construction. Forward, there is a short deck, creating a relatively dry storage space. The Westport skiff has two rowing stations and will carry three adults. The rocker bottom makes it unsuitable for an outboard motor.

"The hanging knees under the deck are not for support. The deck is so short it will stand by itself. The knees, acting on the deck and in conjunction with the stem, are what keep the whole from wracking. Without that stiffening the boat would require thwart knees. Something to do with the whole side plank being under tension, will resist twist if you stiffen it even that short, two-foot distance aft the stem. These boys were backyard engineers without, I think, their even realizing it."

RHB

Southard's Sharpie Plan No. 2

LOA: 13'0"

BEAM: 4'6½"

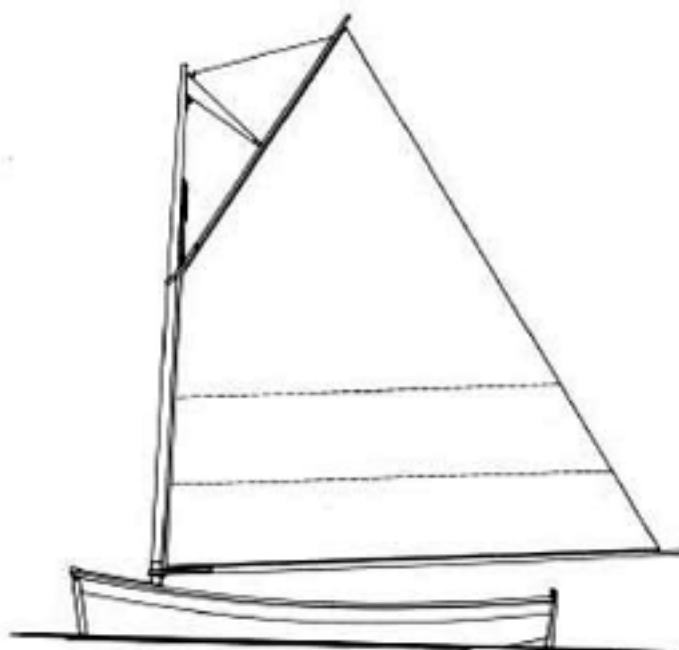
Designer/Builder:
Bert Briggs, circa 1920

Lines Taken By:
R.H. BAKER, 1982.
Drawing finished by
Dave Dillion, 1984

PLANS INCLUDE:

Lines, Offsets, Sail Plan,
Construction, Structural
Sections.

DIFFICULTY LEVEL: Easy



Southard's Sharpie is a typical gaff-rigged, double-planked Westport boat and a good example of the work done by the well-known local builder Bert Briggs. With her shallow draft, center-board and good rocker, she moves easily through the water and is fun to sail.

"When I was growing up around here, the local swordfishermen towed skiffs, often two at a time, all over the ocean. Not until it got really sloppy were the skiffs hauled into the cockpit, generally when they started chasing the big boats down the face of a sea. Under power, you tow them on the back of the second following wave to keep tension on the painter. Under sail, tow as long as you like from the lee quarter, unless your boat has a lee helm, in which case tow from the weather quarter."

RHB

WoodenBoat #33, page 5.

Southard's Sharpie Plan No. 2

LOA: 13'0"

BEAM: 4'6½"

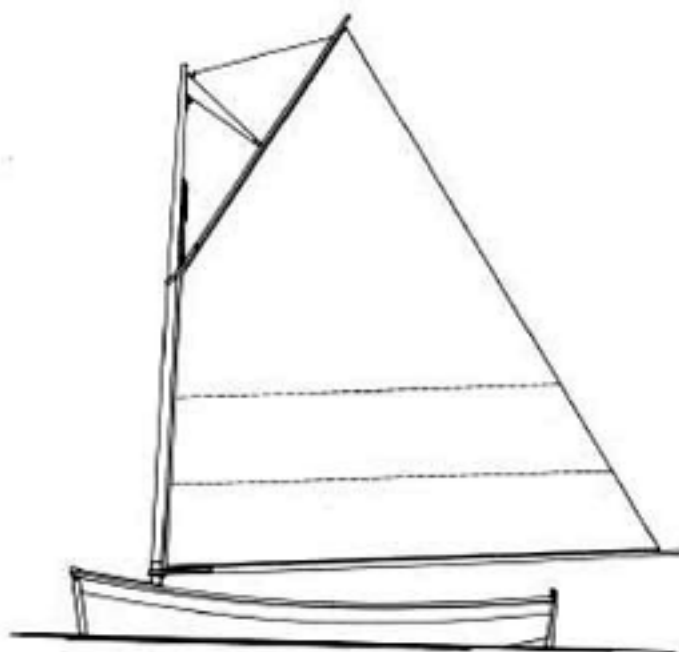
Designer/Builder:
Bert Briggs, circa 1920

Lines Taken By:
R.H. BAKER, 1982.
Drawing finished by
Dave Dillion, 1984

PLANS INCLUDE:

Lines, Offsets, Sail Plan,
Construction, Structural
Sections.

DIFFICULTY LEVEL: Easy

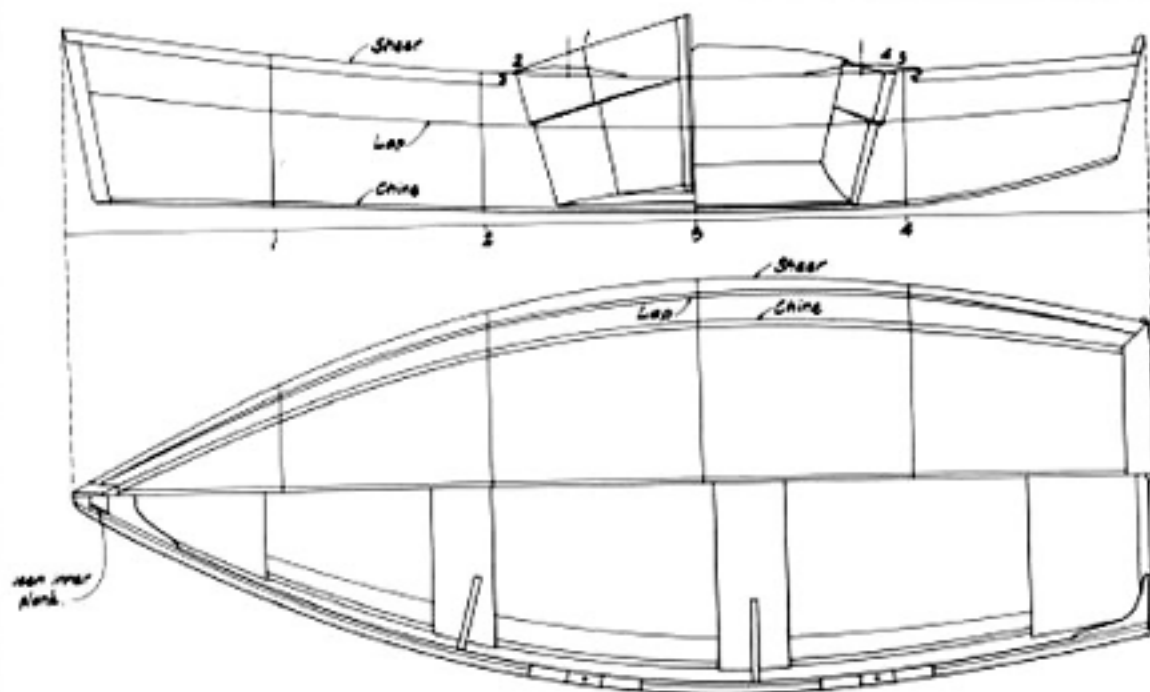


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RHB

The January/February 1980 *WoodenBoat*, Number 32, included an article on Bob Baker's Westport Skiffs, including their history and information on building them. According to *WoodenBoat*, "If one were looking for the ultimate in traditional boats that were easy to build, this one would rank high on the list."



Southard Skiff — Plan No. 95

LOA: 10' 3 1/2" BEAM: 3' 10 1/2"

Lines Taken by: R.H. BAKER, 1979

PLANS INCLUDE: Lines, Offsets, Construction

DIFFICULTY LEVEL: Easy

Although the builder of this skiff is unknown, Bob Baker guessed that she was built around 1890-1900. Her 1/2" thick top plank is shiplapped into the 1 3/16" lower plank to give a flush outside surface. Side and bottom planking was originally cedar while the transom appears to be maple. She has no frames and was iron-fastened throughout. The complete lack of frames is interesting, as is the height of the after seat. This skiff has two rowing stations and can carry three adults.

"A skiff is a boat for the average anyone to get on the water, for leisure, exercise, fishing, romancing . . . you name it."

RHB

"If you build a skiff, you build a fine little 11 foot or so flat bottom friend, companion, tucked up just enough in the stem to carry the extra load."

RHB

BAKER BOAT WORKS - Plans

Catboats

CATBOAT - Plan 27

PEGGOTTY - Plan 94

KINGFISHER II - Plan 79

PENGUIN - Plan 74

BUTTON SWAN - Plan 53

NOWAK - Plan 50

Please see prices at: <http://www.by-the-sea.com/bakerboatworks/>

Questions: Contact: RHBakerCatalog@gmail.com

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Catboat Plan No. 27

LOA: 20'0"

BEAM: 9'9"

DRAFT: 2'2"

Designed by
R.H. BAKER, 1960

PLANS INCLUDE:
Lines, Offsets, Sail Plan

DIFFICULTY LEVEL:
Intermediate to Advanced



This seaworthy, shoal-draft catboat is good for cruising or single-handed sailing. Reminiscent of the typical gaff-headed Cape Cod Cat, she makes an excellent small yacht. She has two berths, or will carry four to six adults for daysailing. Construction is smooth-plank.

PEGGOTTY Plan No. 94

LOA: 17'6¼"

BEAM: 8'9¾"

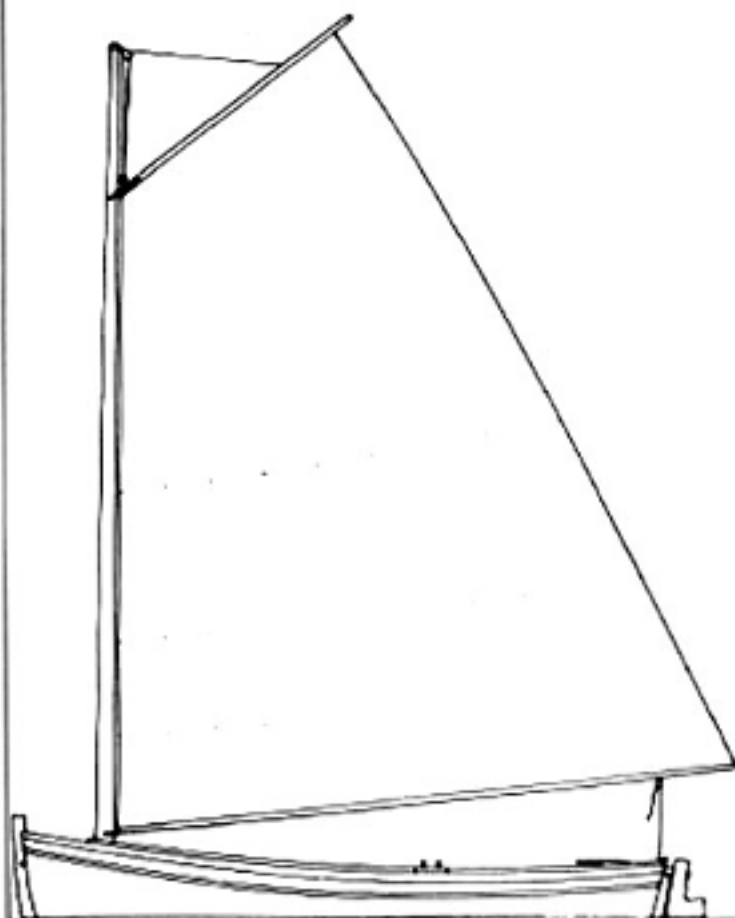
Designer/Builder:
Unknown, circa 1850's

Lines Taken By:
R.H. BAKER, 1975

PLANS INCLUDE:

Lines, Offsets, Sail Plan,
Construction

DIFFICULTY LEVEL:
Advanced



Originally used as a Newport fish and lobster boat, this shallow keel, clinker-built cat boat has a roomy cockpit with a central wet well. When Bob took PEGGOTTY's lines, he was working from a hull design already more than 125 years old. The resulting boat is straight forward and practical, gaff-rigged, but with the simplest imaginable running rigging. A cockpit large enough for eight people makes PEGGOTTY great for daysailing or picnics.

Articles about PEGGOTTY have appeared in several publications, including *WoodenBoat*, issue 23 (pages 39-43 and 85-87) and Stan Grayson's book *Catboats* (pgs. 107-118). These articles would be helpful to the builder.

"Here is what C. Grant La Farge had to say about the sailing qualities of boats like PEGGOTTY: 'They made well to windward if not pinched too close; they were quite fast for their size and rather short rig, off the wind; quick and reliable in stays, and very stiff. They did not smash and pound into the seas, but rode smoothly and quietly over them.'" from **Catboats**,

Stan Grayson

KINGFISHER II

Plan No. 79

LOA: 16' 11 1/2"

BEAM: 8' 1/2"

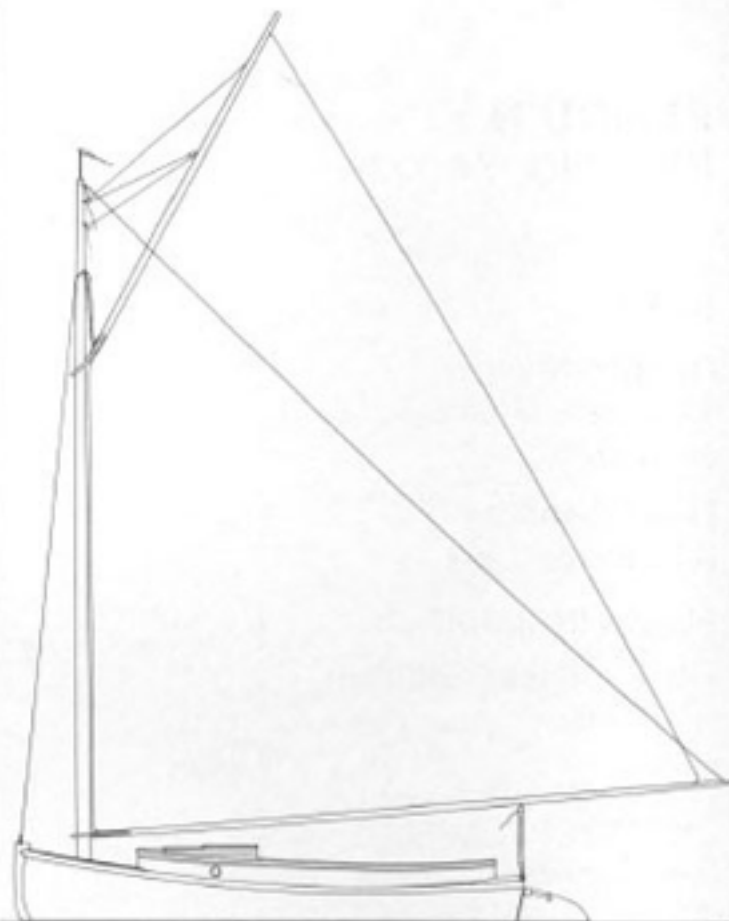
Designer/Builder:
Unknown, circa 1895

Lines Taken By:
R.H. BAKER, 1953

PLANS INCLUDE:

Lines, Offsets, Sail Plan,
Hull Perspective (two
views)

DIFFICULTY LEVEL:
Intermediate to Advanced



A typical Newport Cat, KINGFISHER II was designed circa 1895, probably as a pleasure boat. Although she resembles PENGUIN (Plan #74), she is more beamy and has a shallower forefoot for more maneuverability. She has a centerboard, is smooth-planked and will carry four adults.

PENGUIN Plan No. 74

LOA: 16' 6"
BEAM: 7' 10 3/8"

Designer/Builder:
Thomas Stoddard,
circa 1885

Lines Taken By:
R.H. Baker, 1953

PLANS INCLUDE:

Lines, Offsets, Sail Plan,
Hull Perspectives (two
views)

DIFFICULTY LEVEL:
Intermediate to Advanced



Like most of her breed, this smooth-planked Newport Cat is stable, seaworthy and safe. She is also a pleasure to sail and good at carrying large cargos. A traditional gaff-headed cat rig, she was originally designed for the fishing industry. She has a small cabin and is plumb-stemmed with a deep fore-foot and sharp entry.

"From these lines, Bob drew a perspective of both PENGUIN and KINGFISHER II for comparison and a means of honing in on his perceptions, thereby clarifying his thoughts about the differences in these two boats."

Pete Baker

Button Swan Plan No. 53

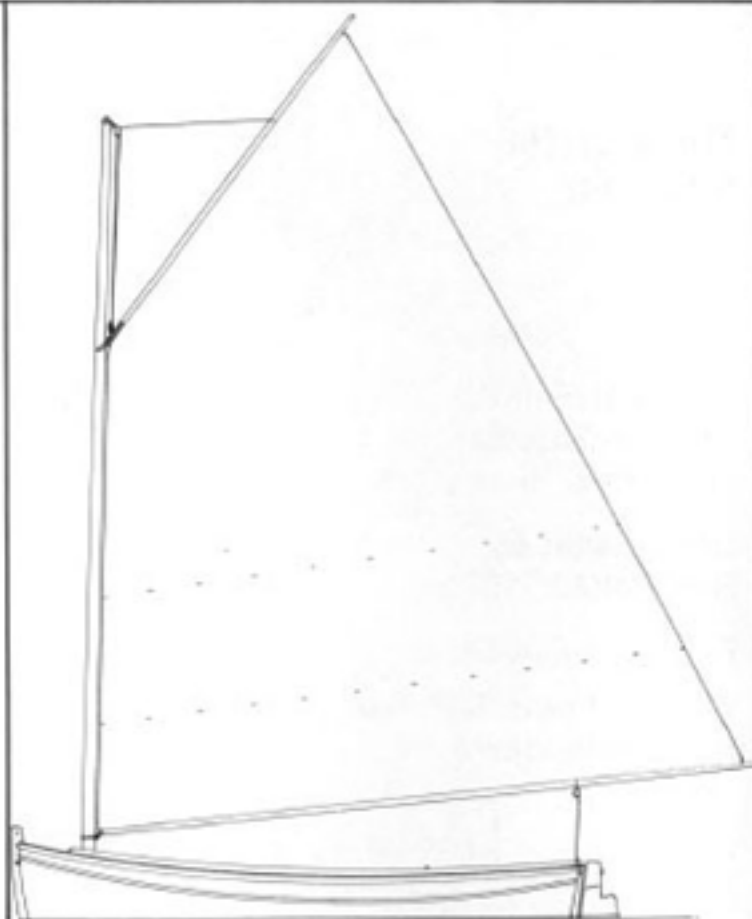
LOA: 12' 4"
BEAM: 5' 2 $\frac{3}{4}$ "

Designer/Builder:
Button Swan, circa 1870

Lines Taken By:
R.H. BAKER, 1975

PLANS INCLUDE:
Lines, Offsets, Sail Plan,
Construction

DIFFICULTY LEVEL:
Advanced Intermediate



This historically unique small working cat was built by Button Swan of Newport in 1870 and her roots probably go back at least 125 years. The boat is now at Mystic Seaport, Mystic, Connecticut, one of the oldest craft in the collection. In 1975, Bob Baker restored the boat for Mystic, taking the lines off her at that time. She is clinker-built, with a gaff rig, a narrow washboard and combing, shoal keel and an open cockpit. Traditionally, she would carry one fisherman and his gear, easily handling a wide range of wind and wave. The Button Swan is a beautiful traditional boat, but requires skillful sailing.

"I had a ball with that boat. We know who built her and when she was built, and there are very few boats that you can really know that about. So when I was working in this boat and I'd come to something, I'd say, 'Button what in heavens name did you do that for?' and damnit he'd tell me."

RHB

*"She represents an evolution in small boat design from earlier types built in Newport and the surrounding area . . . Certainly no existing catboat in the Mystic Collection or elsewhere can equal her in importance." Mystic Seaport Museum, **Watercraft**, by Maynard Bray.*

NOWAK Plan No. 50

LOA: 20'6"

BEAM: 8'6"

DRAFT: 2'0"

Designed by
R.H. BAKER, 1971

PLANS INCLUDE:

Lines, Offsets, Sail Plan.
Construction plans by
Baker Boat Works on
request.

DIFFICULTY LEVEL:
Intermediate to Advanced



This seakindly catboat with her raking stern and comfortable cabin makes a fine weekender or daysailer. She has a gaff rig, 294 square feet of sail, a full keel and smooth-plank construction. For cruising, two berths are typical, although she will comfortably carry four to six adults.

BAKER BOAT WORKS - Plans

Boats Approximately 20'

Sloop "DRAGONFLY" - Plan 21

Sloop "TWO FORTY" – Plan 42

Noman's Land Boat "ORCA – Plan 75

Noman's Land Boat "CLEVELAND" – Plan 111

Sloop "SANDY"- Plan113

Sandbagger "SHADOW" – Plan 93

Please see prices at: <http://www.by-the-sea.com/bakerboatworks/>

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DRAGONFLY

Plan No. 21

LOA: 20' 0"

BEAM: 6' 0"

DRAFT: 0' 6"

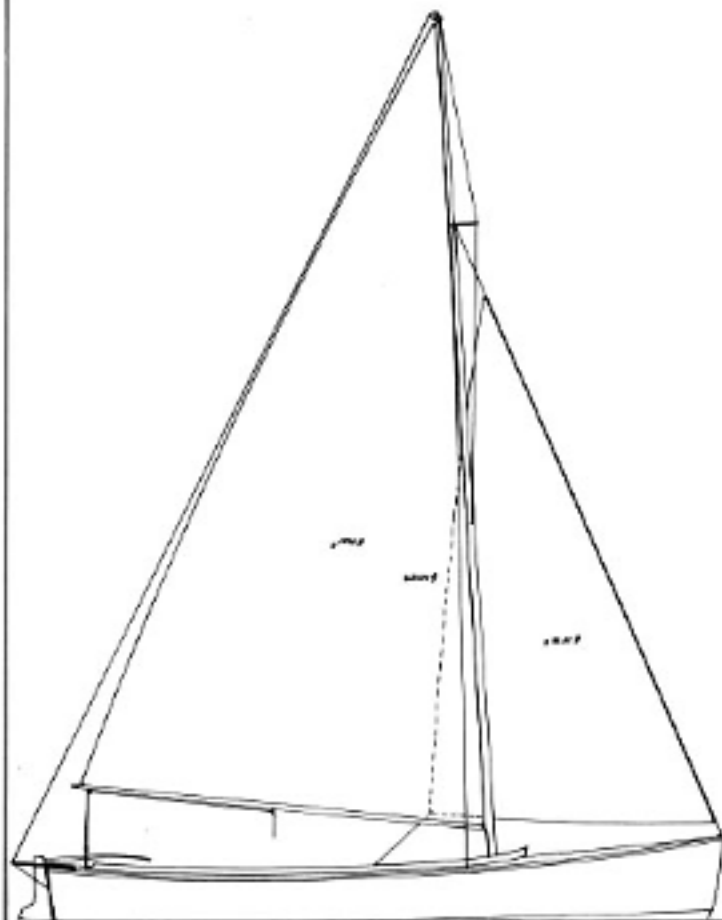
Designed by:

R.H. BAKER, 1949

PLANS INCLUDE:

Lines, Offsets, Sail Plan,
Detail of centerboard
assembly

DIFFICULTY LEVEL:
Intermediate



With its long, flat run, the sloop DRAGONFLY is fairly typical of early planing hulls. A clever centerboard mechanism, invented by Bob, allows the board to be adjusted fore and aft to perfect the balance of the boat. DRAGONFLY will carry a crew of two for racing, or five for day cruising. Construction is strip-plank.

Two-Forty Plan No. 42

LOA: 20'2"

BEAM: 7'6"

DRAFT: 2'0"

Designed by
R.H. BAKER, 1949

PLANS INCLUDE:
Lines, Offsets, Sail Plan

DIFFICULTY LEVEL:
Advanced

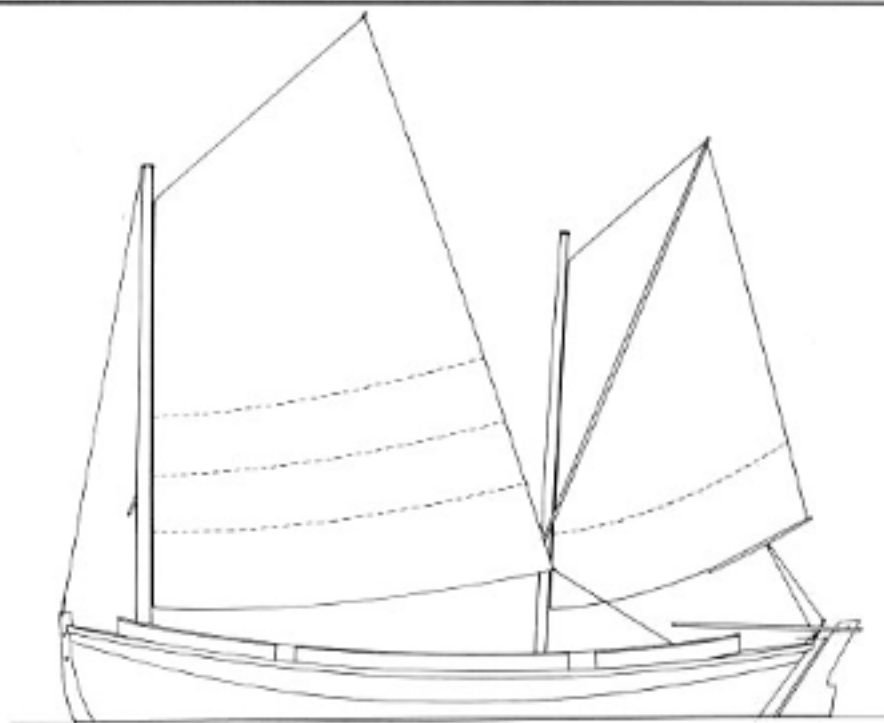


This traditional half-deck, gaff-rigged sloop has all the grace of favorite Bob Baker designs. In shape, her hull is typical of 1850's East Coast craft — clipper-bowed, with plenty of sheer. She will carry four to six adults. The smooth-plank construction Two-Forty was built by the Rockport Apprentice Shop (RAS), Rockport, Maine in 1985 and shown at the Wooden Boat Show.

"I had a good time with that one."

RHB

"In the late 1940's, Bob Baker of Westport, MA designed a small clipper-bowed sloop with the finesse of line and proportion that has always distinguished Baker Boats. This 20 footer is a classic and an elegant day sailer. The centerboard and outboard rudder suggest an afternoon of gunkholing . . . as well as reaching across the bay in a brisk summer sou'westerly." Rockport Apprentice Shop, Rockport, ME



ORCA — Plan No. 75

LOA: 19' 9½" BEAM: 6' 5½"

Designer/Builder: Delano of Fairhaven, Mass., circa 1882

Lines Taken by: R.H. BAKER, 1954

PLANS INCLUDE: Lines, Offsets, Sail Plan, Perspectives
(three views)

DIFFICULTY LEVEL: Intermediate to Advanced

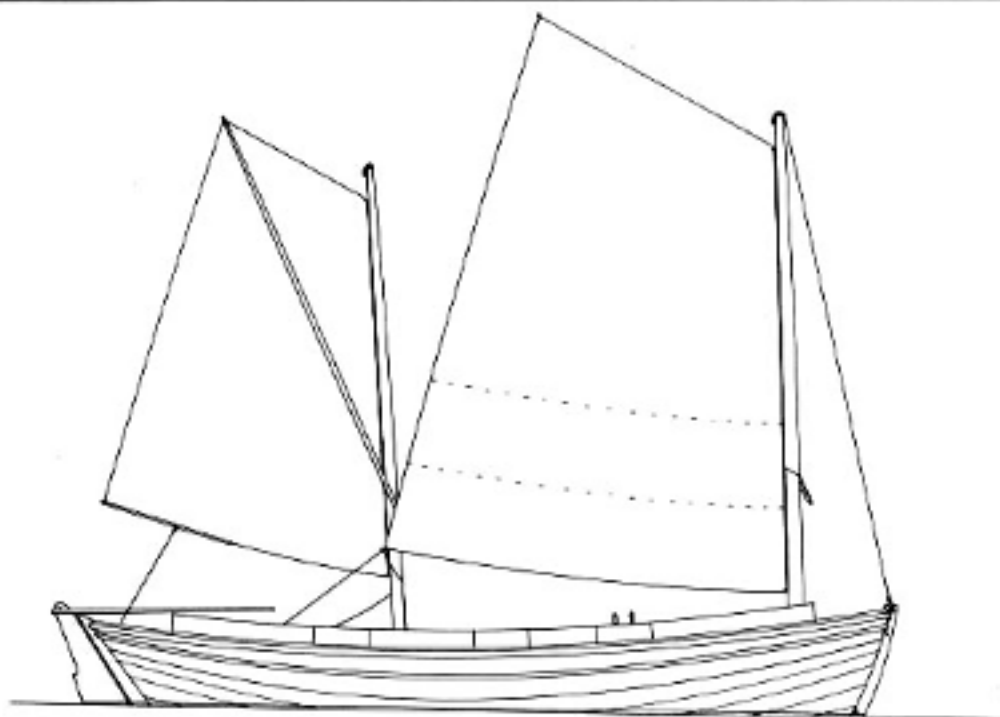
Bob found ORCA on Martha's Vineyard, restored her in 1953, took her lines, and ten years later donated her to Mystic Seaport. ORCA is a Noman's Land boat, one of the last of her type. She has smooth-plank construction with batten seams, and both masts are short and easily unstepped. These double-ended, sprit-rigged centerboard cat ketches worked off the beaches of Noman's Land and hence are very capable surf boats. ORCA is easily sailed in all but the very strongest of winds.

"This boat has been a very good friend to me although I've only had her ten years. She has carried me a good many miles in all sorts of weather."

RHB

"ORCA sails well but can not be driven with the rail down as she will die. When you put the helm down, she will go to where you point her and not get hung in the middle. The "Old Horse" handles just as she should — slowly but steadily."

RHB



Cleveland's Noman's Land Boat — Plan No. 111

LOA: 19' 8½"

BEAM: 6' 2¼"

Designed by: Delano of Fairhaven, Mass.

Built by: Josiah Cleveland, circa 1882

Lines Taken by: R.H. BAKER, 1972

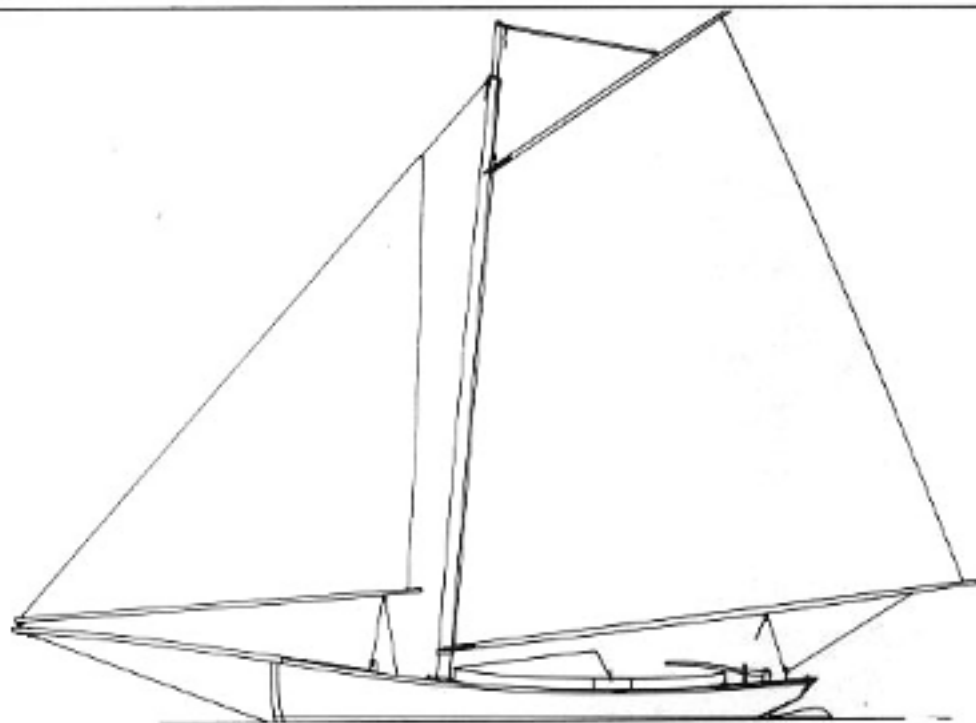
PLANS INCLUDE: Lines, Offsets, Sail Plan, Construction

DIFFICULTY LEVEL: Intermediate to Advanced

Built by Josiah Cleveland circa 1882, this boat remained in his family until 1952, when it was acquired by Mystic Seaport. Bob took the lines off for Mystic in 1972. Typical clinker-built, this double-ended centerboard fishing boat was used for cod fishing in the waters around Noman's Land. The mainsail is a large loose-footed gaff, and the mizzen is a club-footed spritsail. This is a typical Noman's Land boat — stable, good in surf, fun to sail, a good beach boat. Dependable, well-balanced and self-tending, she will carry weight easily and people comfortably.

"Chances are that the club on the sprit got innovated about the second time the fellow in the after end got clobbered with the main boom."

RHB



SANDY — Plan No. 113

LOA: 19'6" BEAM: 7' 9 $\frac{3}{4}$ "

DRAFT: 1'4"

Attributed to: George Darling, 1855

Lines Taken by: R.H. BAKER, 1975

PLANS INCLUDE: Lines, Offsets, Sail Plan

DIFFICULTY LEVEL: Intermediate to Advanced

The original SANDY was a gaff-rigged centerboard sloop designed for racing in Lake Cazenovia and built circa 1855 in New York City, reputedly by George Darling of that city. She is referred to as a sandbagger after the boats which were raced up and down the East Coast during the late 1800's. A fast, pretty boat, SANDY has a counter stern, single mast and flat keel — one of the last flat keeled boats built, since later sandbaggers had a rockered keel. Traditionally, she would have carried eight to ten adults for racing, four for pleasure cruising.

"When Baker was introduced to SANDY, he was extremely interested in her, but had reservations about her being a true sandbagger because she had a natural finish and counter stern which caught his eye and made him wonder."

Pete Baker

SHADOW Plan No. 93

LOA: 21' 1 1/2"

BEAM: 9' 11 1/4"

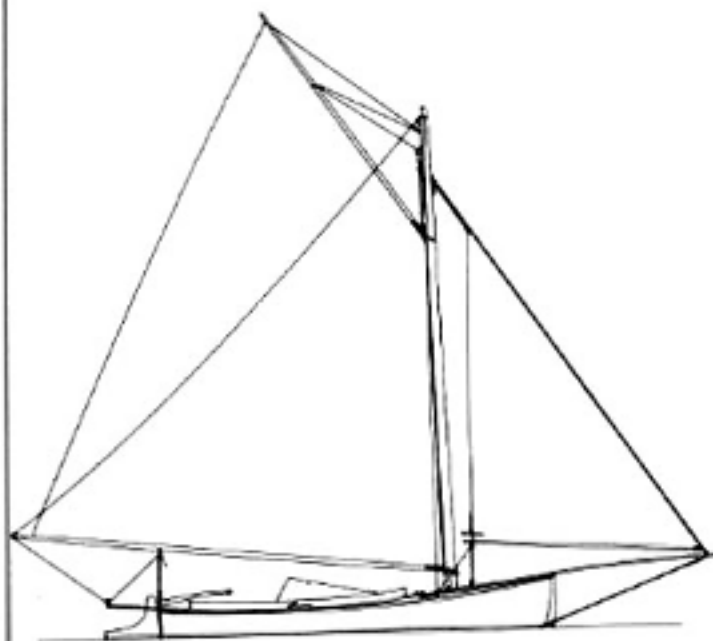
Built by: Robbins, 1906

Lines Taken and Restored
by: R.H. BAKER, 1967

PLANS INCLUDE:

Lines, Offsets, Sail Plan

DIFFICULTY LEVEL:
Intermediate to Advanced



Usually referred to as a sandbagger, SHADOW is a smooth-planked, shoal-centerboard oyster sloop with a reduced cat rig. She was built at Stratford, Connecticut and used as a racing boat. Her design includes a flat stern, good deadrise, hogged-down bowsprit and oval cockpit. She is typical of a small range of oyster sloop, gaff-rigged, with a rocker to keel bottom. She has two mast steps for either a sloop or cat rig.

Bob Baker gives this account of his first sail on the newly restored SHADOW: "I was delighted with her. This enormous thing could actually sail. We were using her working rig with a slightly larger headsail so she still didn't have her gigantic driving rig. It was big enough! It worried me a couple of times, especially when I had all the kids in her. She sailed quite well. She was responsive, quick and I think a good boat."

RHB

BAKER BOAT WORKS - Plans

Whitehalls and Wherries

RESCUE - Plan 7

15' SAILING WHITEHALL – Plan 10

AZULYKIT - Plan 6

11' WHERRY - Plan 76

DONOGHUE - Plan 9

19' WHERRY - Plan 48

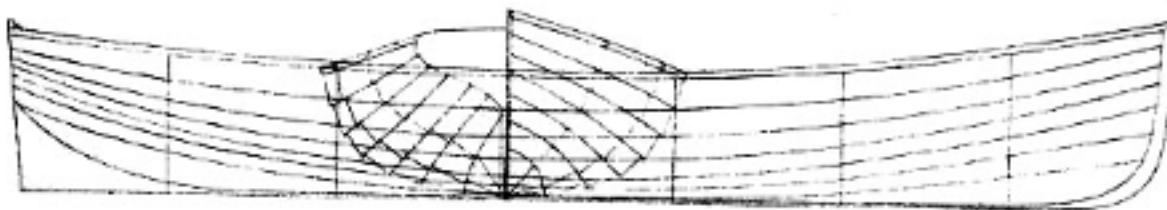
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Questions: Contact: RHBakerCatalog@gmail.com

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RESCUE — Plan No. 7

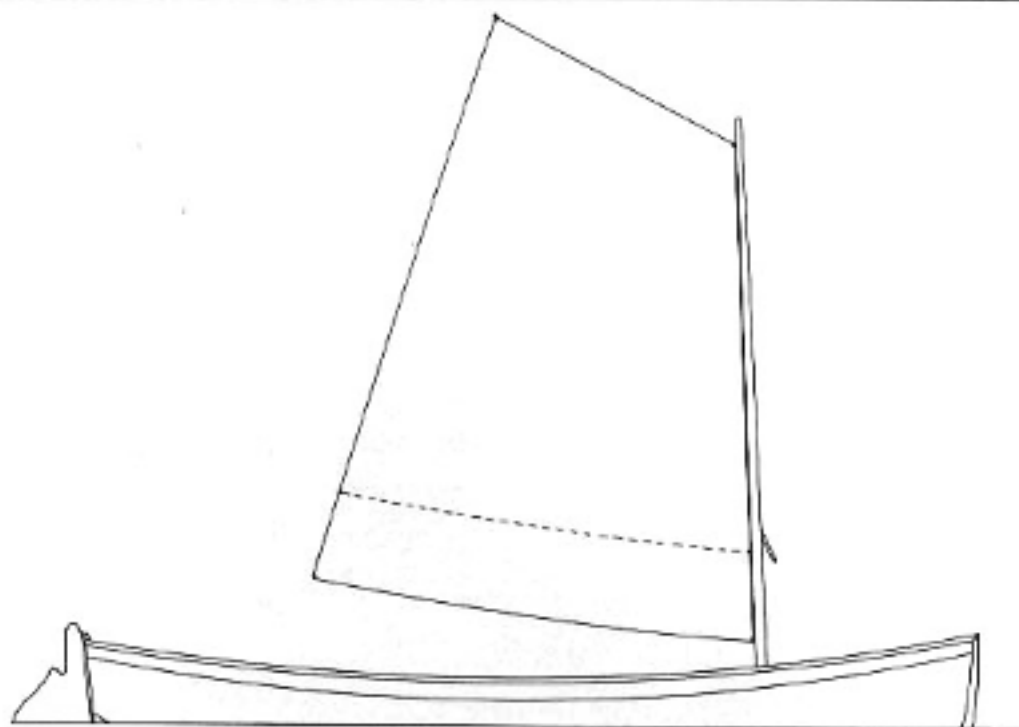
LOA: 13' 10 7/8" BEAM: 4' 3"

Lines Taken by: R.H. BAKER, 1978

PLANS INCLUDE: Lines, Offsets, Construction

DIFFICULTY LEVEL: Intermediate

A typical Newport pleasure craft, this stable, all-purpose clinker-built pulling boat has excellent carrying ability and was probably developed from early fishing boat types. The original of this boat was built by Thomas C. Stoddard circa 1869 and presented to Miss Ida Lewis of Newport by the citizens of Rhode Island as a tribute for her rescuing several seamen from Newport Harbor. RESCUE has two rowing stations.



15' Sailing Whitehall — Plan No. 10

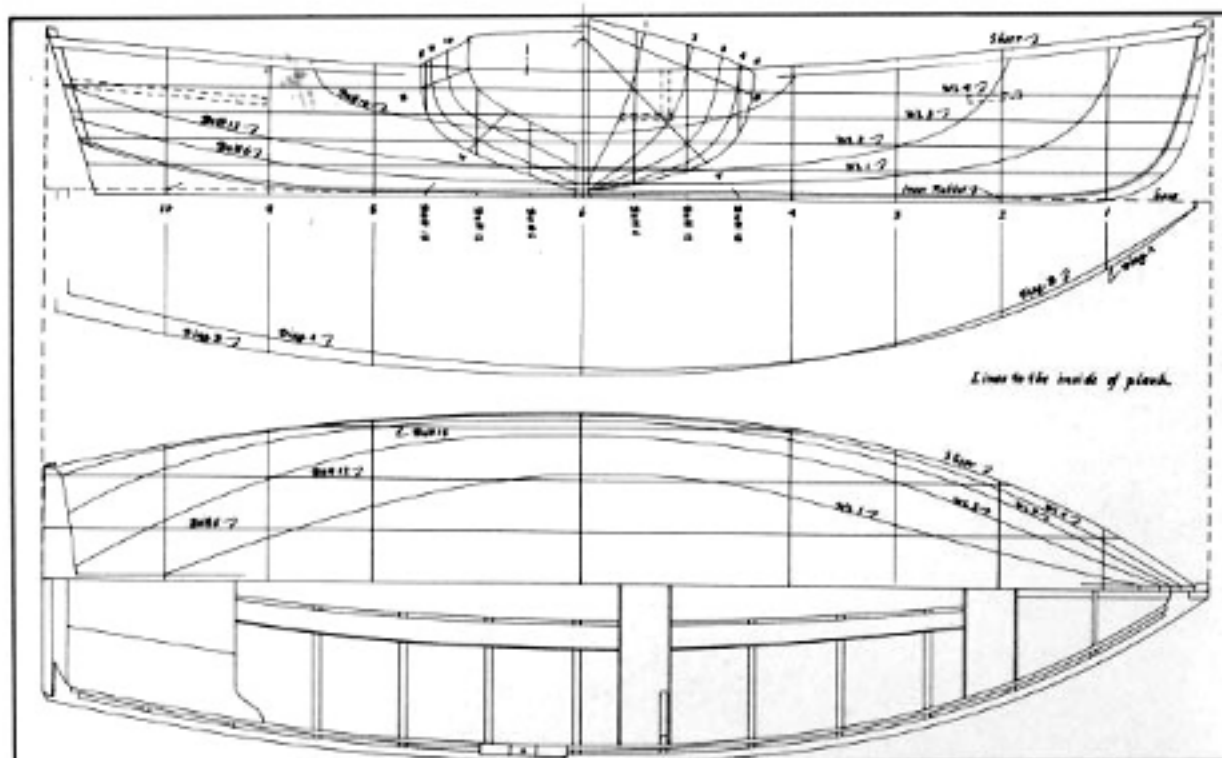
LOA: 14' 10" BEAM: 4' 2"

Designed by: R.H. BAKER, 1982

PLANS INCLUDE: Lines, Offsets, Sail Plan

DIFFICULTY LEVEL: Intermediate

In designing this clinker-built Whitehall, Bob began with the lines of RESCUE (Plan #7), which he modified by adding a centerboard and spritsail rig, softening her quarters and extending the length. The result is more refined than the original yet still has RESCUE's stability. This is an ideal boat for picnics, leisurely Sunday sails and just plain pleasure. She has two rowing stations and will carry two adults and two children.



11' Wherry — Plan No. 76

LOA: 11' 2" BEAM: 3' 4"

Lines Taken by: R.H. BAKER, 1963

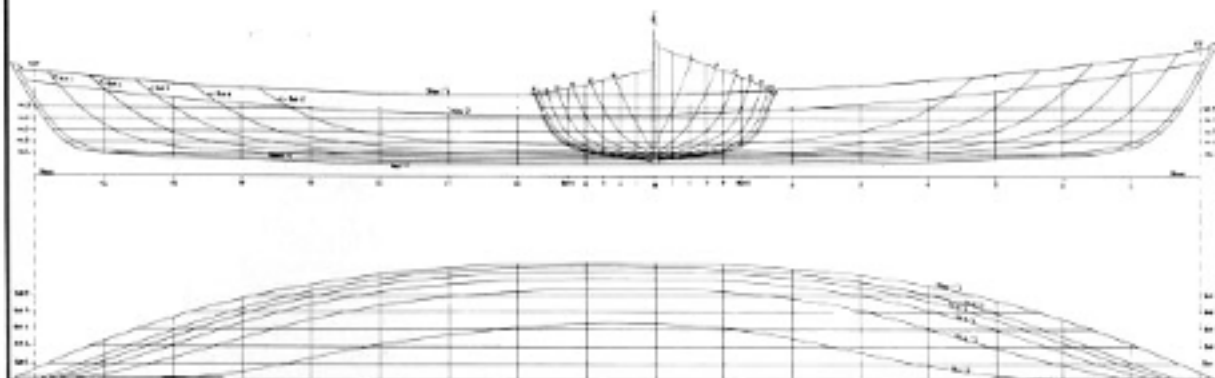
PLANS INCLUDE: Lines, Offsets

DIFFICULTY LEVEL: Basic Intermediate

The original of this clinker-built wherry was built at Coos Bay, Oregon in about 1925. Hull lines were taken at Bodega Harbor, California by Pete and Bob Baker.

"The boat is very light and would row well in quiet water."

RHB



19' Wherry — Plan No. 48

LOA: 18' 18" BEAM: 3' 6"

Designed by: R.H. BAKER, 1980

PLANS INCLUDE: Lines, Offsets

DIFFICULTY LEVEL: Basic Intermediate

This light, easy-to-row, double-ended wherry was designed and built by Bob Baker and later donated to Mystic Seaport, Mystic, Connecticut by the original owner. She is a clinker-built pulling boat with two rowing stations. The boat, PENTIMENTO, is still owned and used by Mystic Seaport.

BAKER BOAT WORKS - Plans

Yawl Boats and a Launch

YAWL BOAT - Plan 77

GRAY BOAT - Plan 85

LAUNCH - Plan 107

Please see prices at: <http://www.by-the-sea.com/bakerboatworks/>

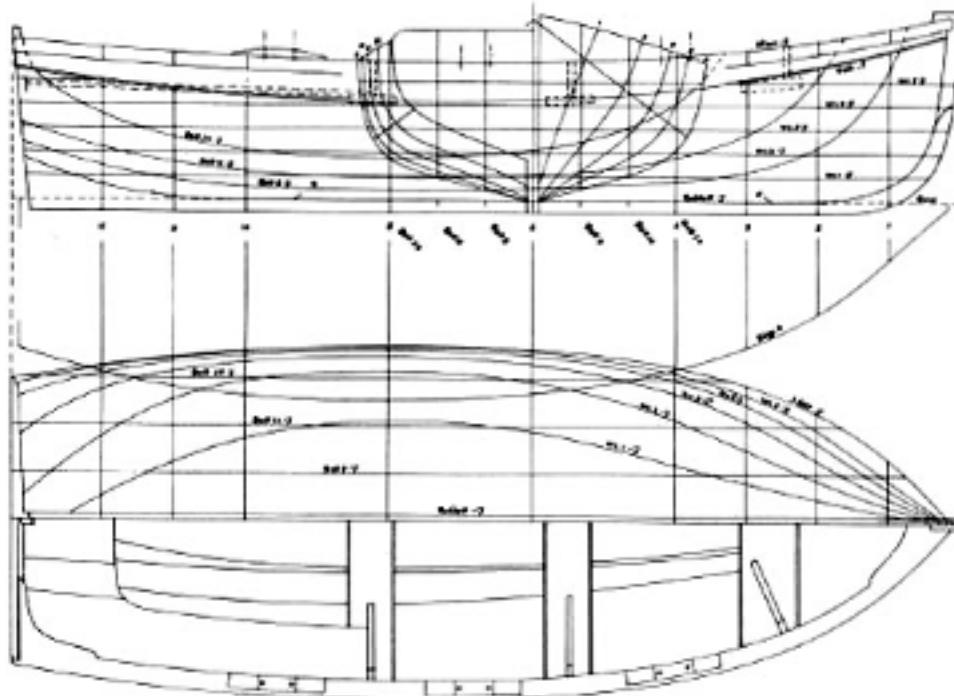
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Yawl Boat #16 — Plan No. 77

LOA: 13'3" BEAM: 4' 10³/₄"

Lines Taken by: R.H. BAKER, 1963

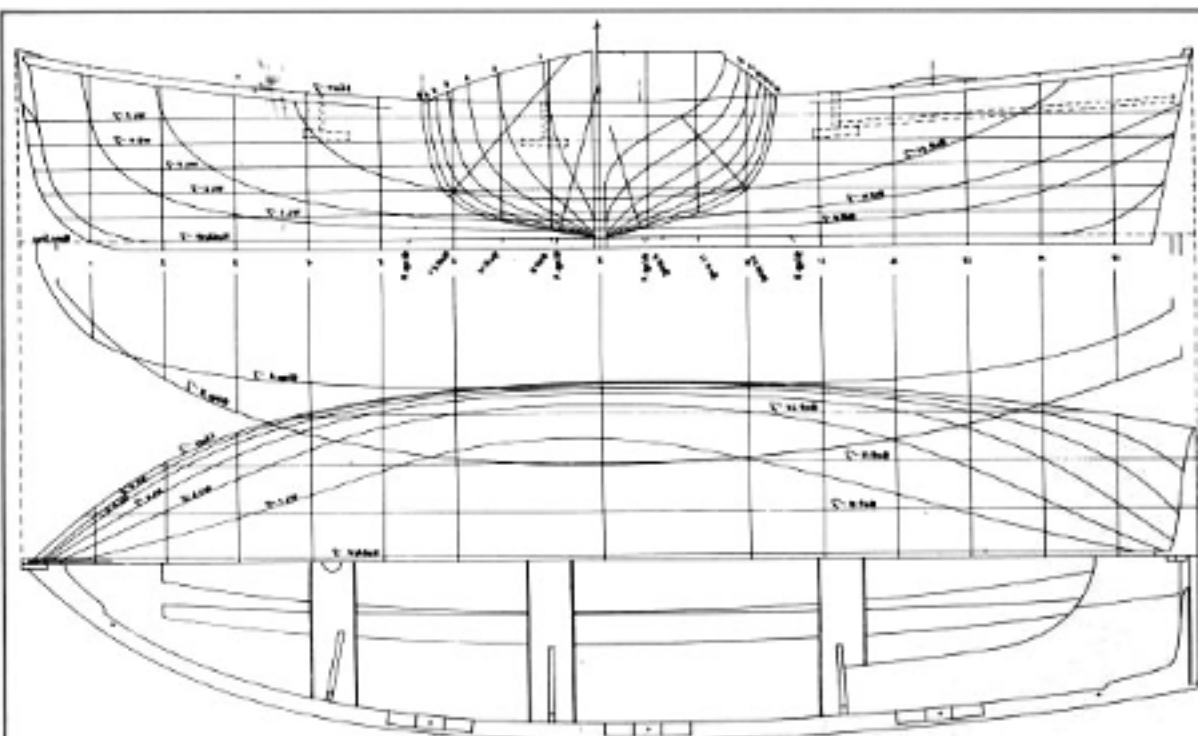
PLANS INCLUDE: Lines, Offsets

DIFFICULTY LEVEL: Intermediate to Advanced

Bob found the original of this smooth-planked yawl boat, along with a number of other boats, in an abandoned boat shop in Inverness, California. She is heavily built, but rows nicely once underway. She has two rowing stations and would make a good tender. Originally, these boats were designed and built by Beetle from New Bedford, Massachusetts for use as yawls for the scow schooners in California.

"Bob was interested in any existing old boat. Not for comparison with a modern boat form but the boat for what it was. What the early men thought about it and what they did with the designing of the boats."

Pete Baker



GRAY BOAT — Plan No. 85

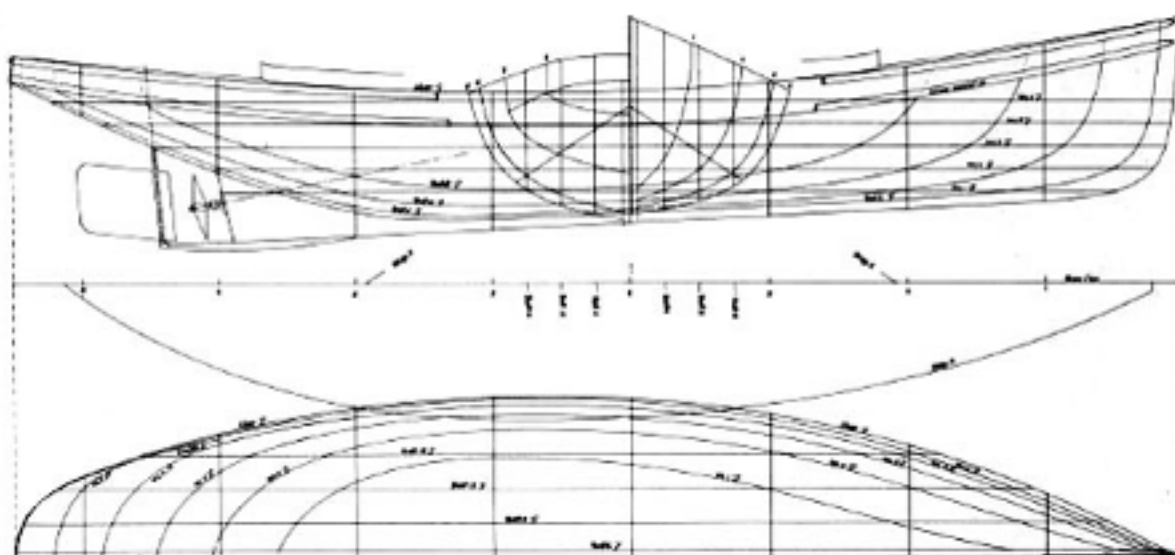
LOA: 16' 1" BEAM: 4' 10 1/4"

Lines Taken by: R.H. BAKER, 1963

PLANS INCLUDE: Lines, Offsets

DIFFICULTY LEVEL: Intermediate to Advanced

GRAY BOAT was one of the many small boats found in an abandoned boat shop in Inverness, California in 1963. It had been used as a yawl boat circa 1860 for the ferries laying the early San Francisco Bay cables. Lightly built, these smooth-planked boats were probably used as tenders. Although GRAY BOAT has a mast step, the original rig is unknown and would have to be reconstructed by Baker Boat Works.



Launch — Plan No. 107

LOA: 17'0" BEAM: 4'8½"

DRAFT: 1'6"

Lines Taken by: R.H. BAKER, 1967

PLANS INCLUDE: Lines, Offsets

DIFFICULTY LEVEL: Intermediate to Advanced

These launches were built by Palmer Brothers of Connecticut as stock boats ranging from 17' to 25' or so and were a vehicle to fit their single cylinder engine into. The boats were designed to meet the demand for a small seaworthy family launch or work boat. She has good freeboard, seats eight people comfortably with room for more. A steady boat in rough water, she can easily be handled by one person.

BAKER BOAT WORKS - Plans

Boats over 25 Feet

PROSPECT MARSH PINKY - Plan 12

SAMANTHE - Plan 19

27' SLOOP - Plan 66

VALKYRIE .- Plan 123

KETCH - Plan 25

HOYT'S HOOKER - Plan 30

HOYT'S HOOKER II - Plan 30-B

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Prospect Marsh Pinky — Plan No. 12

LOD: 26' 2½" **BEAM:** 9' 2"

DRAFT: 3' 7½"

Measured by: Chapelle, 1937

Rig & Deck Adaptation: R.H. BAKER, 1956

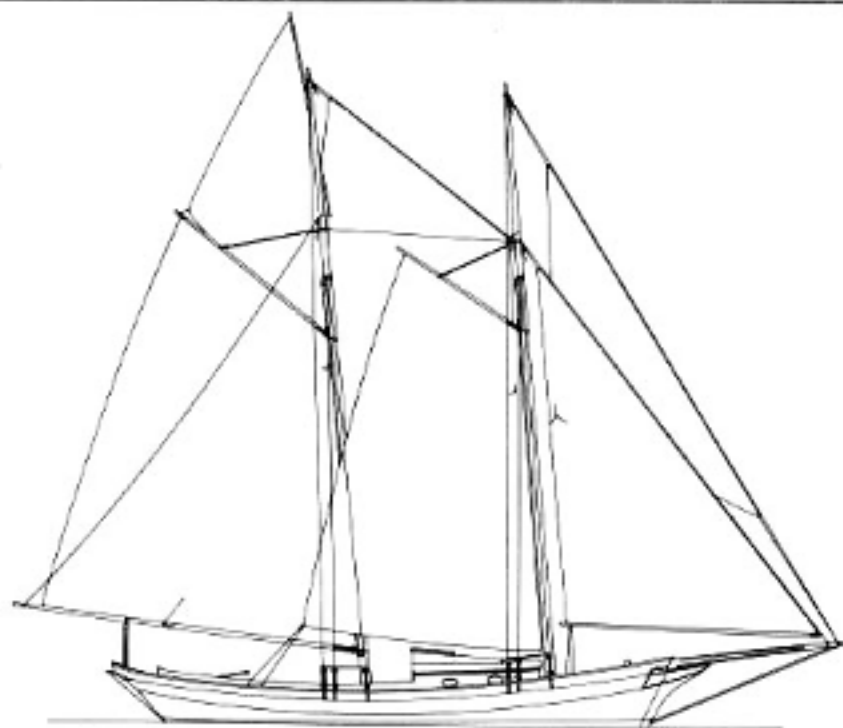
PLANS INCLUDE: Lines, Offsets, Sail Plan, Construction and Accommodation

DIFFICULTY LEVEL: Advanced

The original of this full-keel Penobscot Bay fishing schooner was found on Prospect Marsh in Maine by Chapelle, who measured her and later showed the lines to Bob Baker. Based on his research, Bob completed the plans. In 1984, the boat was built by the Rockport Apprentice Shop (RAS), Rockport, Maine. She was named PERSEVERENCE, and featured at the 1984 Wooden Boat Show in Newport, Rhode Island. This classic small Pinky schooner, a comfortable cruising boat for four adults, is featured on the Wooden Boat Show poster, "The Celebration of Wooden Boat Building."

"She is a joy to handle. She has the feel of a little ship. She lays down slowly and not very far and slides for her destination. She is so extraordinarily graceful. She feels so reassuring, so competent, so wonderfully sure of herself."

Lance Lee, R.A.S. Director



SAMANTHE — Plan No. 19

LOA: 26' 8½" **BEAM:** 9' 4¼"

Designed by: R.H. BAKER, 1963

PLANS INCLUDE: Lines, Offsets, Sail Plan,
Accommodations

DIFFICULTY LEVEL: Advanced

The full-keel, gaff-rigged SAMANTHE is a capable little schooner, comfortable for two people on a voyage. She weighs 13,000 pounds with 3500 pounds of ballast. SAMANTHE is closewinded and carries her way well. Fine sailing ability, a heart shaped transom, and unusually graceful lines for so small a schooner have made SAMANTHE popular with those who truly know small boats. A graceful, traditional little pocket schooner.

"All Bob's boats have sheer, but it's the shape of the bow and stern that tell you it's a Baker boat."

Pete Baker

27' Sloop Plan No. 66

LOA: 27' 5 1/4"

BEAM: 9' 0"

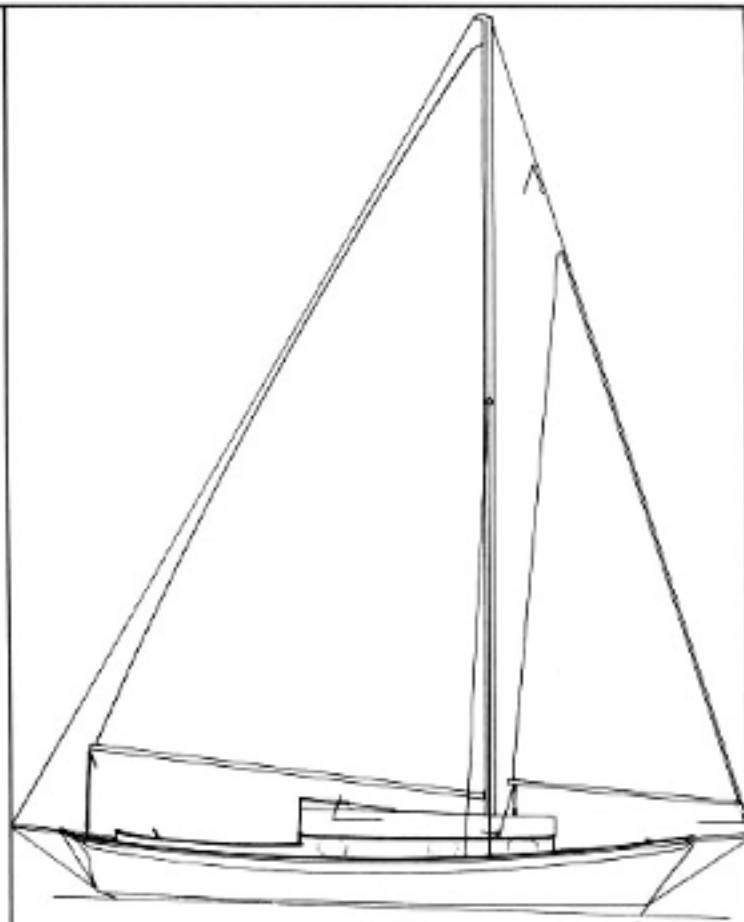
DRAFT: 3' 0"

Designed by
R.H. BAKER, 1974

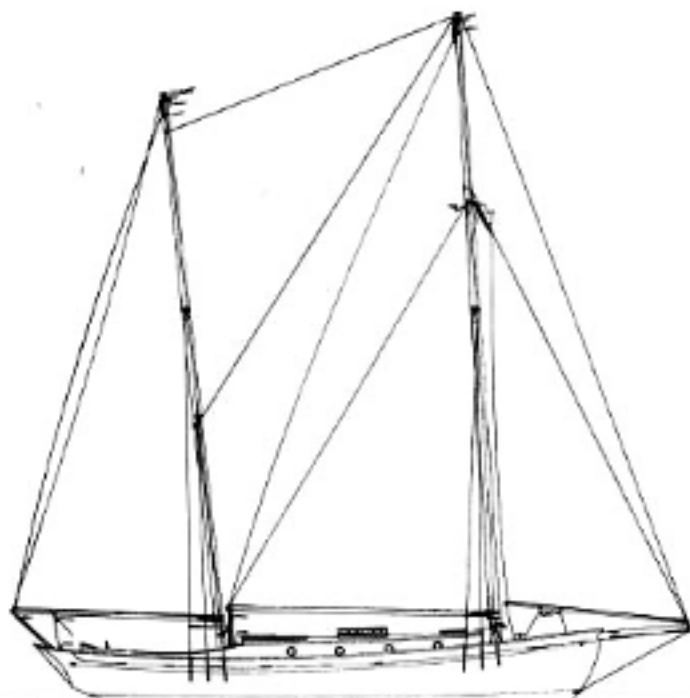
PLANS INCLUDE:

Lines, Offsets, Sail Plan,
Construction

DIFFICULTY LEVEL:
Advanced



This elegant jib-headed sloop with her keel/centerboard combination is ideal for daysailing or weekend cruising. She will sleep four adults and is comfortable and nicely balanced. She has smooth-plank construction and owes much of her shape to the Friendship Sloop, but her cutaway fore-foot gives added maneuverability.



VALKYRIE — Plan No. 123

LOA: 35'6"

BEAM: 11'4"

DRAFT: 4'9"

Designed by: R.H. BAKER, 1944

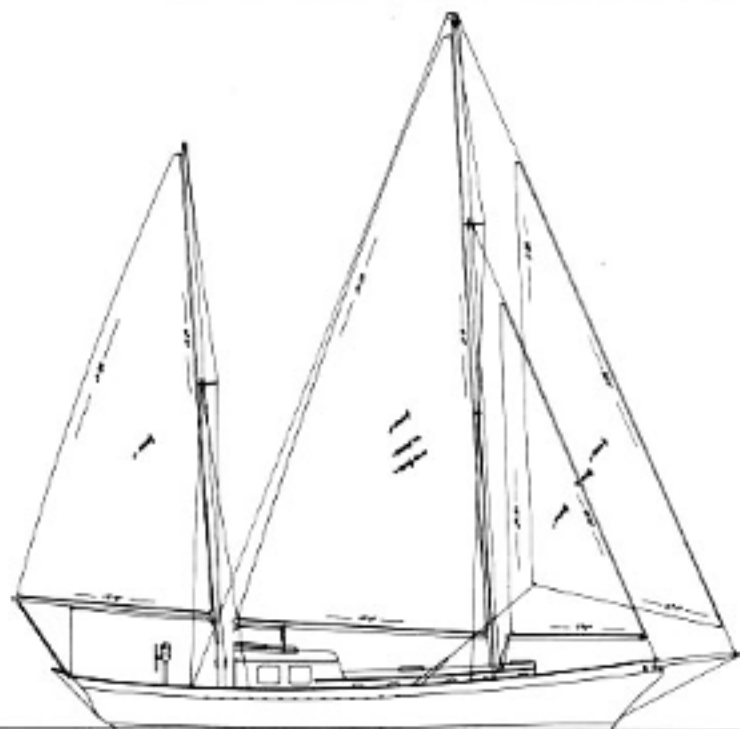
PLANS INCLUDE: Lines, Offsets, Sail Plan, Inboard Profile

DIFFICULTY LEVEL: Advanced

VALKYRIE is a fairly traditional full keel, jib-headed cruising ketch, styled after boats of the 20's and 30's. She is a good bluewater boat, seaworthy and comfortable, with a deep hull and four berths.

"Bob was seventeen when he designed VALKYRIE. He had no formal training but developed his own design skills and principles. He was drawing his information from real boats and incorporating features that appealed into his own designs. His ideas, proportions became strictly his own."

Pete Baker



Ketch — Plan No. 25

LOA: 42'0" BEAM: 11'0"

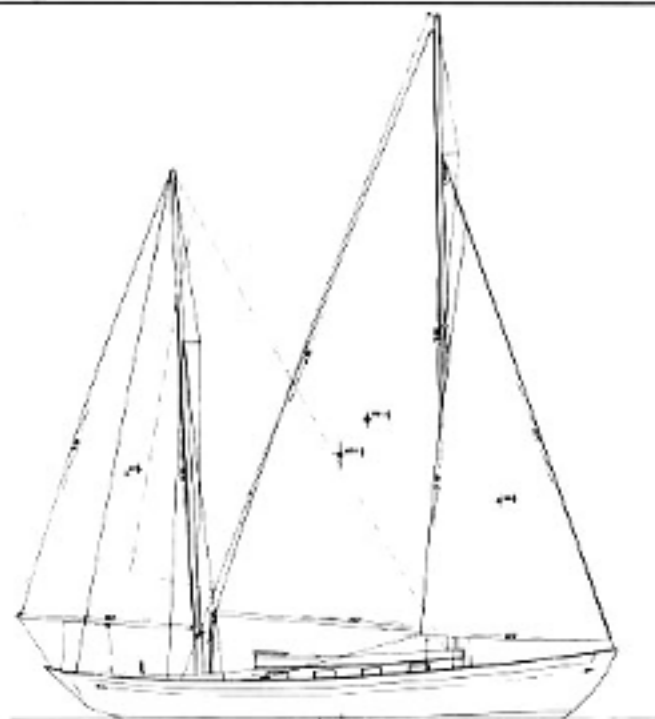
DRAFT: 5'6"

Designed by: R.H. BAKER, 1960

PLANS INCLUDE: Sail Plan, Lines, Offsets, Sparring, Construction. Accommodation plan by Baker Boat Works on request.

DIFFICULTY LEVEL: Advanced

This handsome, full-keel, jib-headed ketch is ideal for bluewater cruising or for living aboard, comfortable enough for two couples or a family. She has 874 square feet of sail and a pretty sheer with pleasing bow and stern proportions.



HOYT'S HOOKER — Plan No. 30

LOA: 36'6"

BEAM: 11'0"

DRAFT: 4' CB up

6'2½" CB down

Designed by: R.H. BAKER, 1955

PLANS INCLUDE: Lines, Sail Plan, Offsets

DIFFICULTY LEVEL: Advanced

The design for this jib-headed ketch was inspired by the ocean racing ketches of the 30's. She has a full keel and centerboard and is well balanced, stable and easy to sail. She has 610 square feet of sail and a displacement of about 13 tons. She sleeps five to six people.



HOYT'S HOOKER #2 — Plan No. 30B

LOA: 31'0" **BEAM:** 10'0"

DRAFT: 4' CB up

Designed by: R..H. BAKER, 1959

PLANS INCLUDE: Lines, Sail Plan, Offsets,
Accommodations (2 sheets)

DIFFICULTY LEVEL: Advanced

Could Bob design a boat with the same qualities as HOYT'S HOOKER but more up-to-date styling, asked a client. This boat was Bob's affirmative. This fiberglass cruising ketch with center cockpit has berths for four adults in two cabins. The accommodations are laid out to make maximum use of available space. Because of her keel/centerboard arrangement, the boat can go where other boats often cannot. She has 478 square feet of sail and, in common with most ketches, is easy to rig and handle. Her flat run gives her an unexpected turn of speed.

BAKER BOAT WORKS - Plans

Fiberglass Constructed Boats

SCORPION - Plan 24

TALLSTAR – Plan 38

ORION – Plan 37

LITTLE BEAR- Plan 29

MENEMSHA/ KATAMA – Plan 57

SPIRIT – Plan 20

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SCORPION

Plan No. 24

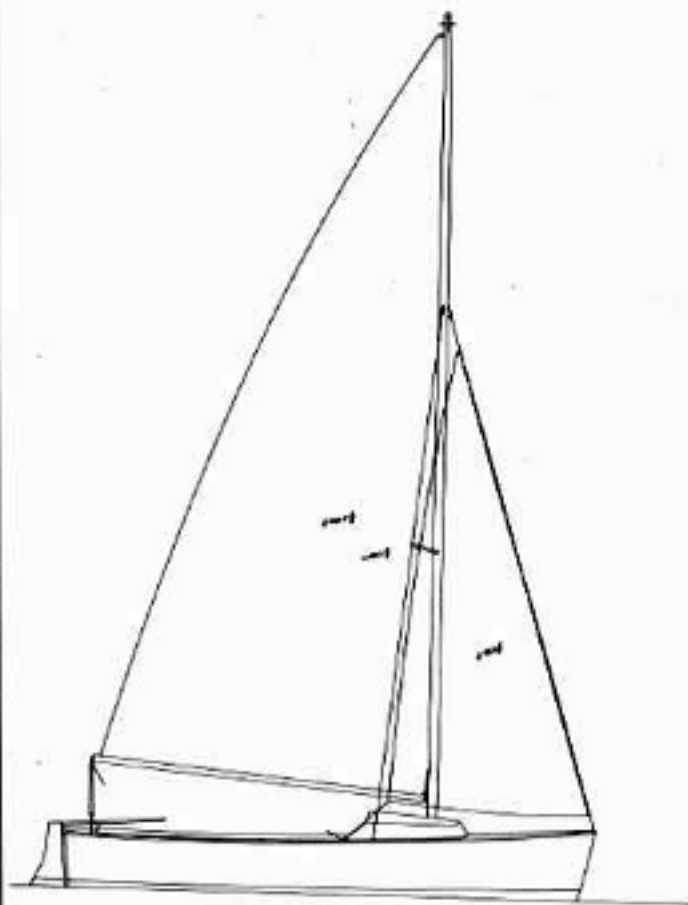
LOA: 16'8"

BEAM: 6'0"

Designed by
R.H. BAKER, 1959

PLANS INCLUDE:

Lines, Offsets, Sail Plan



The fiberglass, jib-headed sloop SCORPION has a high aspect ratio rig and excellent windward ability. She carries four adults, could easily take an outboard motor, and can be constructed with a cuddy or half decked.

TALLSTAR

Plan No. 38

LOA: 14'0"
BEAM: 5'9½"
DRAFT: 6" CB up
3'9" CB down

Designed by
R.H. BAKER, 1960

PLANS INCLUDE:

Lines, Offsets, Sail Plan,
Sparring, Construction



This simple, compact, jib-headed fiberglass sloop was originally designed for Sailstar Boats of West Warwick, Rhode Island. The versatile TALLSTAR combines many of the most desirable features of a larger sloop with the handling ease of a smaller, lighter boat. She can be loaded, launched, rigged and sailed singlehanded. She weighs 450 pounds and has a centerboard, a planing hull and 121 square feet of sail. Her uncluttered cockpit is seven feet long, with side benches for comfortable sitting and a cuddy big enough for children to overnight in. TALLSTAR is stable and so perfectly balanced that she can virtually sail herself, which makes her an excellent first boat or family daysailer.

ORION Plan No. 37

LOA: 19'0"
BEAM: 6'9"
DRAFT: CB up 12"
CB down 5'3"

Designed by
R.H. BAKER, 1961

PLANS INCLUDE:

Lines, Offsets, Sail Plan,
Accommodations



The fiberglass weekender sloop ORION was originally designed for Sailstar Boats of West Warwick. Her roomy cockpit and deck-stepped mast make her extremely comfortable for camping-type cruising, and her deep centerboard lets her perform well to windward. She has 203 sq. ft. of sail and weighs 750 lbs. Her combined attributes create an enjoyable "racing boat in a pocket cruiser." On a voyage, she sleeps two, and her cockpit seats six for daysailing.

LITTLE BEAR

Plan No. 29

LOA: 11'6"
BEAM: 4'9"
DRAFT: 20" CB up
3' CB down

Designed by
R.H. BAKER, 1960

PLANS INCLUDE:

Lines, Offsets, Sail Plan,
Construction



LITTLE BEAR was originally designed for Sailstar Boats of West Warwick, Rhode Island as a larger version of the SPIRIT (Plan #20). A compact fiberglass sloop, LITTLE BEAR is pretty and seaworthy — “a going little boat” — with 86 square feet of sail. She can be sailed, outboard-motored or rowed and is a good boat for sail training, daysailing, racing or frostbiting. She is so light (200 lbs) that one man can trail her, launch her and sail her, yet she has room enough for a family of four.

“Bob planned the LITTLE BEAR carefully, taking every advantage fiberglass offered to make her an unusual boat.”

Talman Bigelow

MENEMSHA

Plan No. 57

LOA: 24'2"

BEAM: 8'0"

DRAFT: 2'6"

Designed by
R.H. BAKER 1968

PLANS INCLUDE:

Lines, Offsets, Accommodations, Sparring, Sail Plan.



MENEMSHA is a classic shoal-draft singlehander with an unusually large cockpit for daysailing, and cruising accommodations for two or three. A long keel combined with a fine entry, an easy run, and fifty percent ballast ratio give the MENEMSHA an easy motion in a seaway and stiffness in a fresh breeze.

The MENEMSHA is also available with a double headsail rig, as the KATAMA.

SPIRIT Plan No. 20

LOA: 10'0"
BEAM: 4'7"
DRAFT: 3" without
board

Designed by R.H. BAKER,
1958

PLANS INCLUDE:

Lines, Offsets, Sail Plan,
Construction for fiberglass



The fiberglass SPIRIT was originally designed for George O'Day and named the SPRITE. (3500 were built) This safe and versatile jib-headed, centerboard sloop features two mast steps, allowing her to be cat rigged for the beginner, then sloop rigged with main and jib for the more advanced sailer. She will carry two adults or three children.

"What I wanted to do was design a small boat where two kids could sail safely and if they did it right they could also plane the beast. And it worked. Scared the hell out me the first time I planed her."

RHB

"I think the SPRITE was a great little boat and they should still be making them."

George O'Day

"Little kids could climb into the boat and it would just perform like a charmer."

Norrie Hoyt

BAKER BOAT WORKS - Plans

Plans for Half Models

CHARLESTOWN BEACH BOAT - Plan 86.

Taken off model from Saunders Shop, Wickford, R.I. 1969.

History included

EASTERN WORKING SLOOP OF THE 1880'S - Plan 87.

Taken from half model cut by Saunders, Wickford, R.I. 1969.

History included.

N.Y. CLAMMING SLOOP. "SARAH E. LOCKWOOD"- Plan 88

Built at Greenwich, CT. Lines taken of builders half model. 1969.

History included.

UNIDENTIFIED STEAMER (probably oyster steamer) - Plan 100

History included.

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