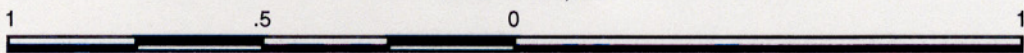


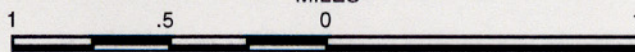
# BAKERS HAULOVER INLET



SCALE 1 : 24,000



MILES



KILOMETERS



# INLET SUMMARY SHEET

SITE: Bakers Haulover Inlet, Broward County, Florida

DATE AND TIME SURVEYED (TIDE): 24 June 1994; 1400 [Low @ 1540 (-0.5);  
Haulover Pier, N.  
Miami Beach]

RANKING (DEGREE OF DIFFICULTY): (see ranking scale)

**B.**

PRINCIPAL RESOURCES AT RISK:

Manatees present. Seabirds. Marina facilities, boats, and seawalls, revetments, docks, etc. on the shores of Biscayne Bay and other canals and creeks.

PRELIMINARY PROTECTION STRATEGY:

Divert oil entering the inlet through the marginal flood channels to collection points on the outer sand beaches. During calm water conditions, deploy a Christmas tree configuration of deflection boom at the mouth of the inlet in an attempt to keep oil from entering the inlet. This configuration would divert oil away from the entrance and to the outer sand beaches (CPs 1 and 2). Inside the inlet, anchor a line of deflection boom to a point on the seaward half of the south jetty to divert oil to a collection point against the concrete seawall along the inlet shoreline on the north side of the main channel and seaward of the Route A1A bridge (CP3). Anchor a Christmas tree configuration of deflection boom to the Route A1A bridge abutment so that the north limb diverts oil to a collection point against the concrete seawall on the north side of the main channel (CP4) and the south limb to the seawall on the south side. Further inside the inlet, use two lines of deflection boom to divert oil flowing south in Biscayne Bay to a collection point along the seawall of the developed north shore of Bay Harbor Island (CP7) and boom off the entrance to Indian Creek. Use deflection boom to divert oil to a collection

# INLET SUMMARY SHEET

SITE: Bakers Haulover Inlet, Broward County, Florida (continued)

PRELIMINARY PROTECTION STRATEGY (continued):

pocket formed with boom inside the canal between the Bay Harbor Islands (CP8) and to divert oil flowing north in Biscayne Bay to collection points along the Haulover Beach Park shoreline (CPs 5 and 6).

Under conditions of significant wave action, (1) the Christmas tree deflection boom configuration outside of the inlet would not be tried; (2) open water collection outside the inlet would be emphasized; and (3) the anchor points for the marginal flood channels would be moved to the jetties (see sketch map designed for significant wave conditions).

OTHER COMMENTS:

The 1994 NOAA Tidal Current Tables report that tidal currents in Bakers Haulover Inlet reach 2.9 knots at maximum flood tide and 2.5 knots at maximum ebb tide.

# INLET SKETCH MAP

Inlet Name BAKERS HAULOVER, FLA.

Inlet Number 18

Recorder(s) MDH/TMM/RI/FM/KR

Date/Time 24 JUNE 1994; 1400

Tide Stage LOW - during overflight

Inlet Classification B

## CALM WATER CONDITIONS

### POTENTIAL PROTECTION STRATEGY (FLOOD TIDE)

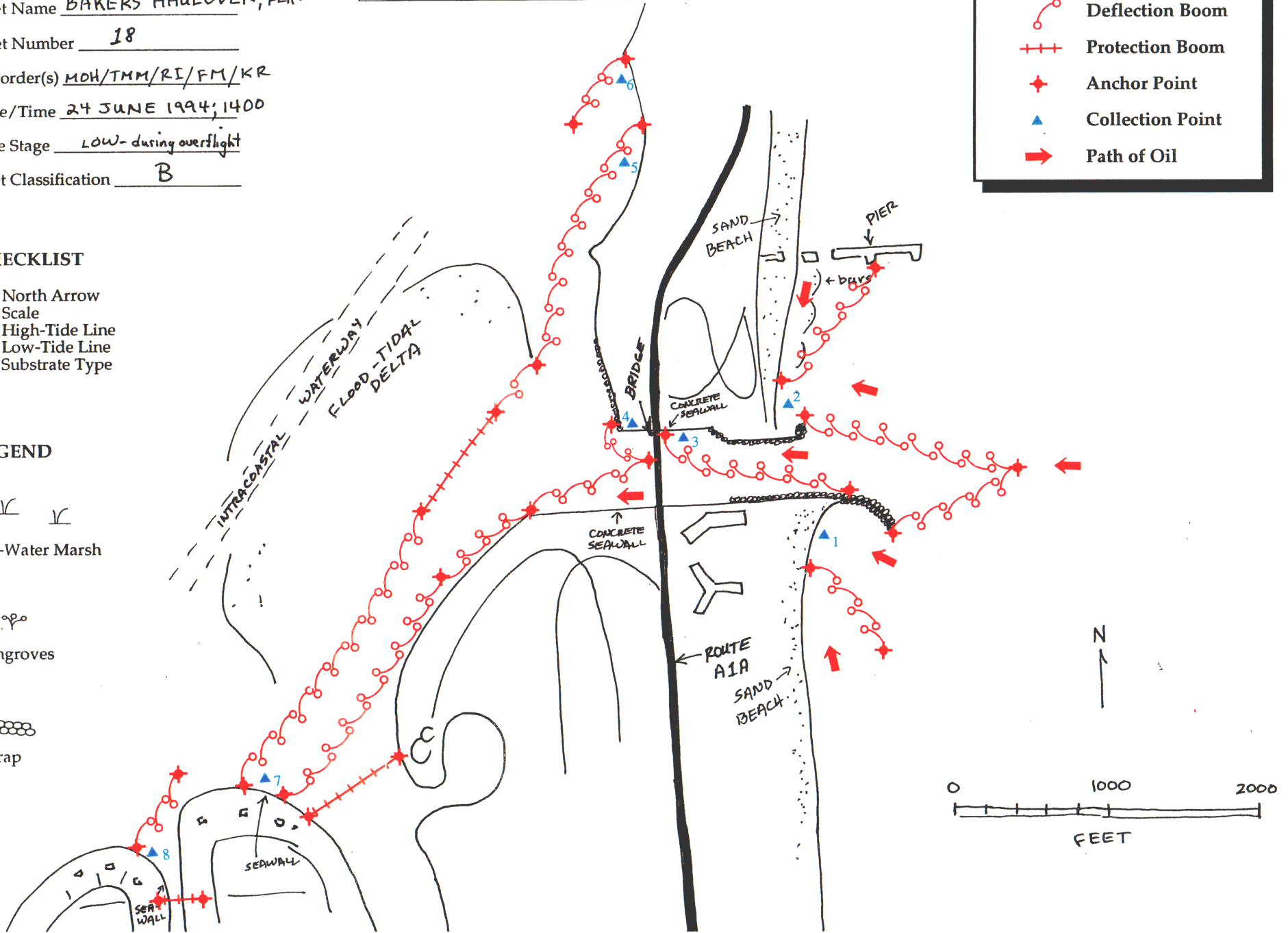
-  Deflection Boom
-  Protection Boom
-  Anchor Point
-  Collection Point
-  Path of Oil

### CHECKLIST

- North Arrow
- Scale
- High-Tide Line
- Low-Tide Line
- Substrate Type

### LEGEND

-  Salt-Water Marsh
-  Mangroves
-  Riprap



# INLET SKETCH MAP

Inlet Name BAKERS HAULOVER, FLA.

Inlet Number 18

Recorder(s) MDH/TMM/RI/FM/KR







Date/Time 24 JUNE 1994; 1400

Tide Stage LOW - during overflight

Inlet Classification B

## SIGNIFICANT WAVE ACTION

### POTENTIAL PROTECTION STRATEGY (FLOOD TIDE)

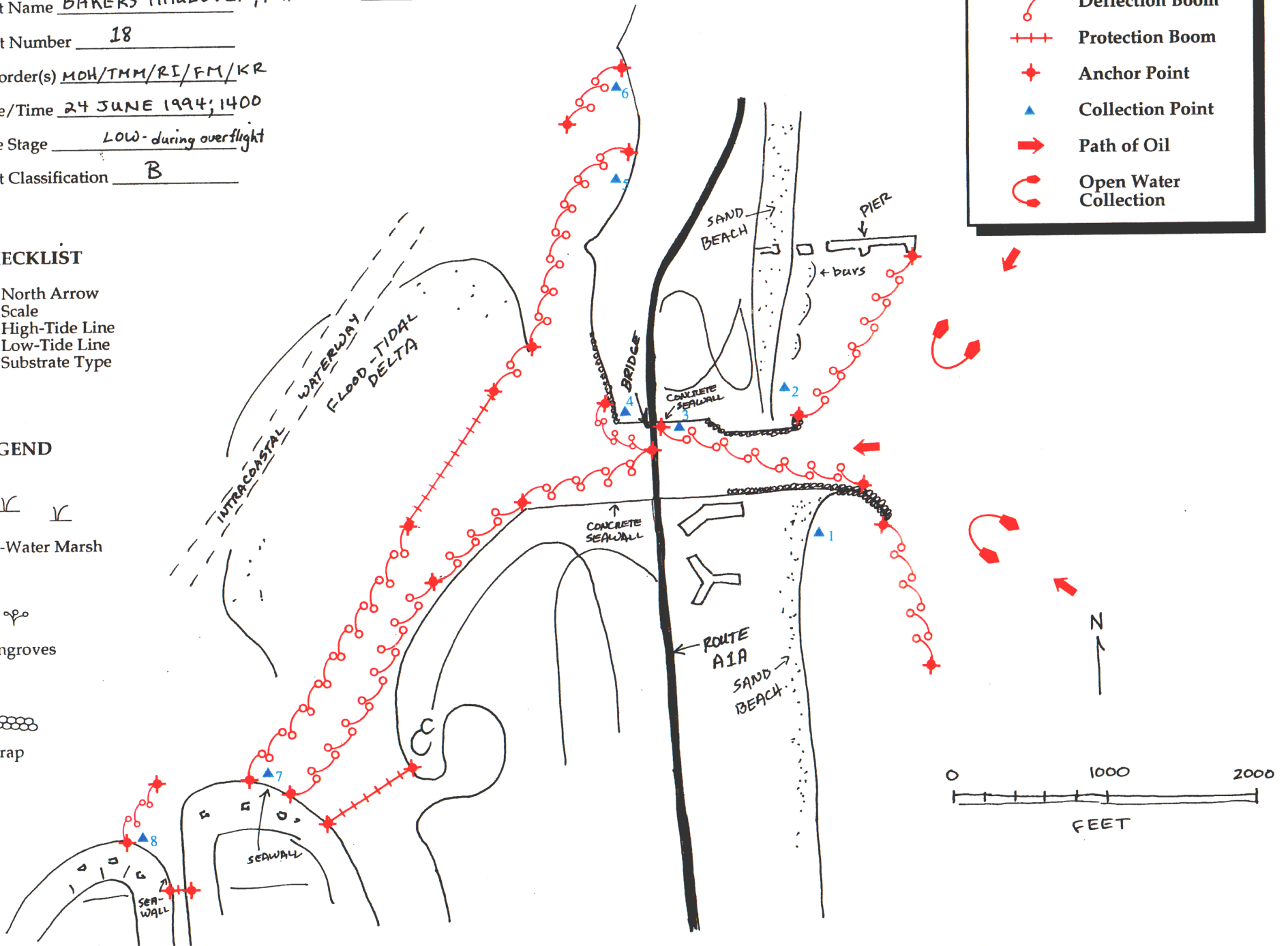
-  Deflection Boom
-  Protection Boom
-  Anchor Point
-  Collection Point
-  Path of Oil
-  Open Water Collection

### CHECKLIST

- North Arrow
- Scale
- High-Tide Line
- Low-Tide Line
- Substrate Type

### LEGEND

-  Salt-Water Marsh
-  Mangroves
-  Riprap



## Site Information Record

Inlet: Haulover

Recorder(s): RI,FM

Date / Time: 7/4/94

Site Name / #: South Jetty Collection Site; #1

Site Type(s): Mechanical / Manual Collection

Contact Information: Metro Dade Parks and Recreation

Relative Location: South side of jetty on south side of inlet behind Harbour House building in Bal Harbor.

Address: 10275 Collins Ave., Bal Harbour, FL

Directions from Miami: I-95 N to exit 826 east to A1A south to 10275 Collins Ave. (Harbour House Apartments).

Latitude: 25° 54.0'

Longitude: 80° 07.5'

Water Depth Description: 4' depth @ 10' off beach, 8' depth @ 20' out.

Current / Tide Information: 1-3 knot max flood along shore, 2-3' average tidal range.

Shoreline Description: Sand, rip-rap

Access Description: Paved road to sand for 20 yd. to water.

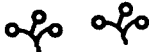
Support Equipment / Facilities: None

Additional Comments: None

### LEGEND



Salt-Water Marsh



Mangroves



Riprap

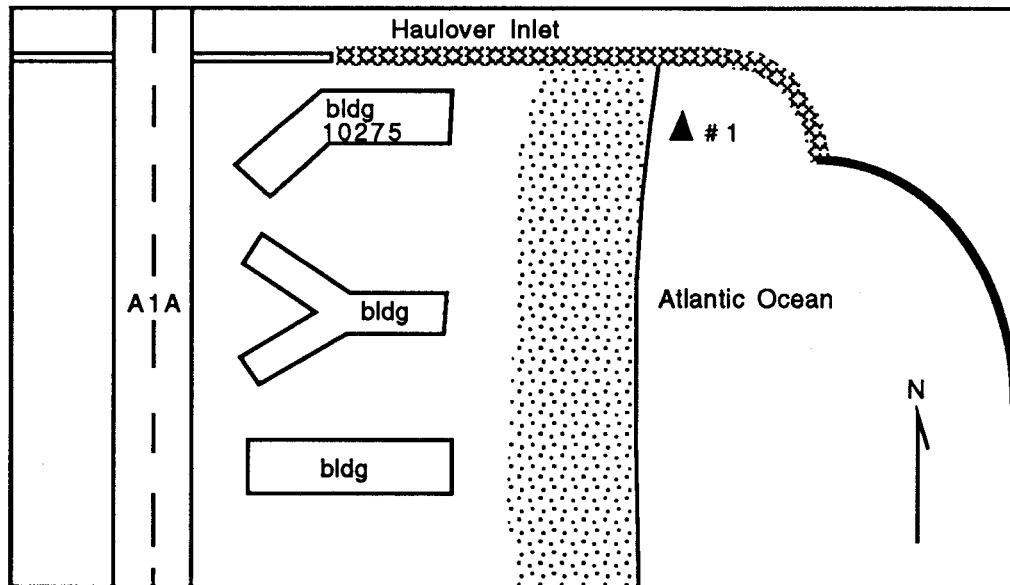


Sand beach

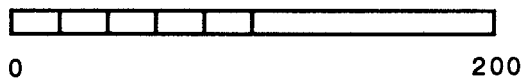


Collection Point

### -Sketch-



Scale (yards)



## Site Information Record

Inlet: Haulover

Recorder(s): RI,FM

Date/Time: 7/3/94; 1730

Site Name / #: North Jetty Collection Site;#2

Site Type(s): Mechanical Collection, Staging

Contact Information: Dade County Parks and Recreation

Relative Location: North Jetty Outer Beach

Address: East off A1A, North of Haulover Bridge

Directions from Miami: I-95 N to exit 826 east to A1A south to Haulover Bridge (make left 1/4 mi before bridge) go to north jetty beach

Latitude: 25° 54.0'

Longitude: 80° 07.3'

Water Depth Description: 5' depth @ 10' off beach, 10' depth @ 15' out

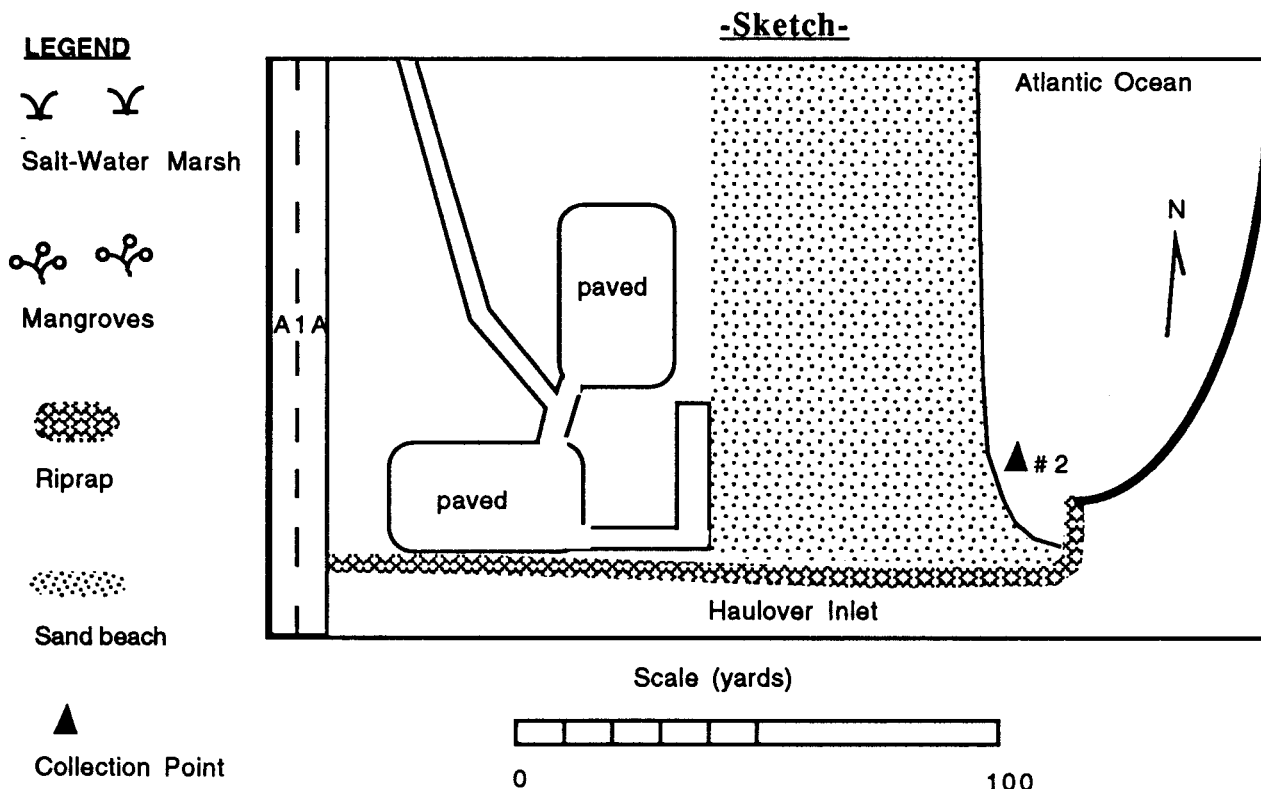
Current / Tide Information: 1-3 knots maximum flood along shore, 2-3' average tidal range

Shoreline Description: Medium course sand, rip-rap

Access Description: Paved to hard packed sand (50 yards) to water

Support Equipment / Facilities: Lavatories, 1/2 acre paved parking lot

Additional Comments: None



## Site Information Record

**Inlet:** Haulover

**Recorder(s):** RI,FM

**Date / Time:** 7/3/94

**Site Name / #:** NE Bridge Collection Site; #3,4

**Site Type(s):** Mechanical Collection, Staging

**Contact Information:** Dade County Parks and Recreation

**Relative Location:** Northeast corner of Haulover Bridge

**Address:** Off A1A (East of A1A, North of Haulover Bridge)

**Directions from Miami:** I-95 North to Exit 163rd St., east to A1A, south to Haulover Bridge (NE corner)

**Latitude:** 25° 54.0'

**Longitude:** 80° 07.4'

**Water Depth Description:** 5' depth off bulkhead

**Current / Tide Information:** 1-2 knots maximum flood along seawall, 2'-3' average tidal range

**Shoreline Description:** Concrete bulkhead, rip-rap

**Access Description:** Paved to waters' edge

**Support Equipment / Facilities:** Paved 1/2 acre lot (not light), lavatories

**Additional Comments:** Back up collection site is in 3-5 knots of current and may not be effective

### -Sketch-

**LEGEND**



Salt-Water Marsh



Mangroves



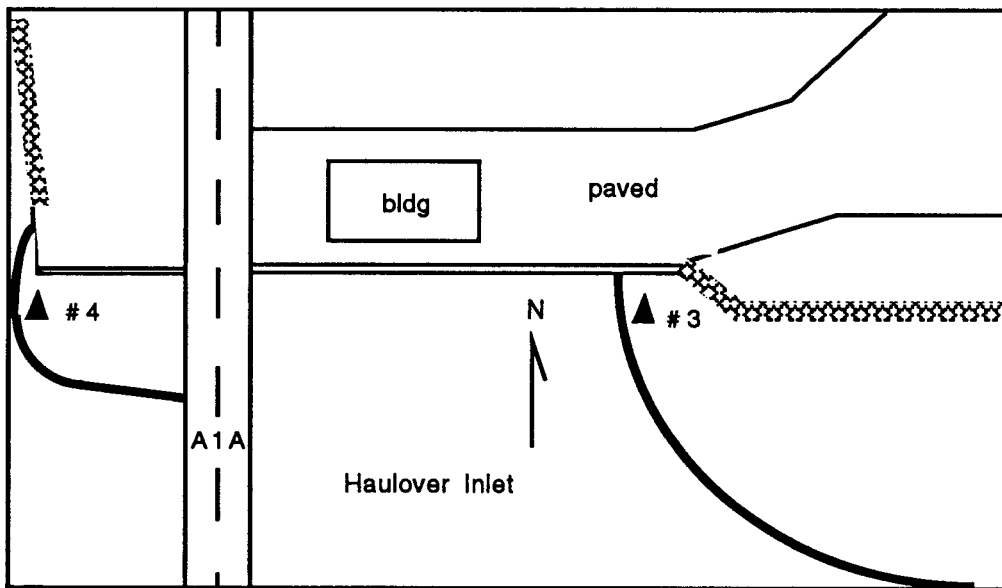
Riprap



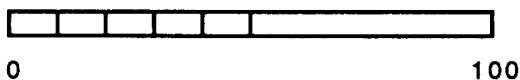
Sand beach



Collection Point



Scale (yards)





## Site Information Record

Inlet: Haulover

Recorder(s): RI, FM

Date / Time: 7/3/94

Site Name / #: Haulover Marina Collection Site; #5,6

Site Type(s): Mechanical Collection

Contact Information: Metro Dade Parks and Recreation

Relative Location: Haulover Marina, NW of Haulover Bridge, (Charter Fishing Fleet)

Address: A1A, 1/2 mile north of Haulover Bridge

Directions from Miami: I-95 North Exit 163rd St., east to A1A south to Haulover Marina on the left when travelling south

Latitude: 25° 54.4'

Longitude: 80° 07.5'

Water Depth Description: 6' depth @ bulkhead.

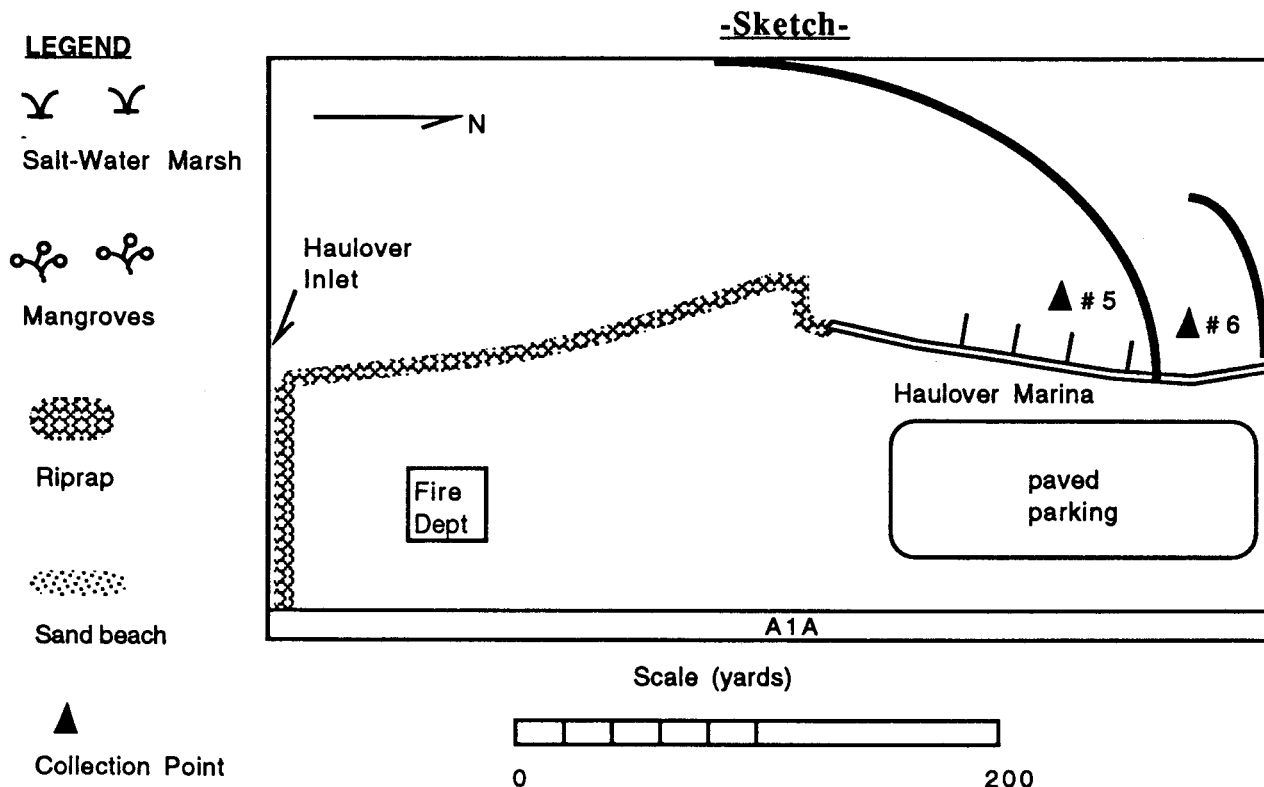
Current / Tide Information: 1-3 knots maximum flood along shore. 2'-3' average tidal range

Shoreline Description: Concrete bulkhead

Access Description: Paved to seawall

Support Equipment / Facilities: Fire fighting, gas, diesel, 5 acre paved parking lot

Additional Comments: Fire station adjacent to premises



## Site Information Record

Inlet: Haulover

Recorder(s): RI, FM

Date / Time: 7/3/94

Site Name / #: Bay Harbor Collection Site; #7

Site Type(s): Mechanical Collection

Contact Information: Bay Harbor Condominiums

Relative Location: Off East Bay Harbor Dr.

Address: 1135 103rd Street, Bay Harbor Island

Directions from Miami: I-95 North to Exit 125th Street, east to E. Bay Harbor Dr. (on Bay Harbor Island), left to 103rd St. to 1135 (Bay Harbor Condominiums)

Latitude: 25° 53.6'

Longitude: 80° 07.9'

Water Depth Description: 3' depth @ bulkhead, 5'-7' depth @ 10' out.

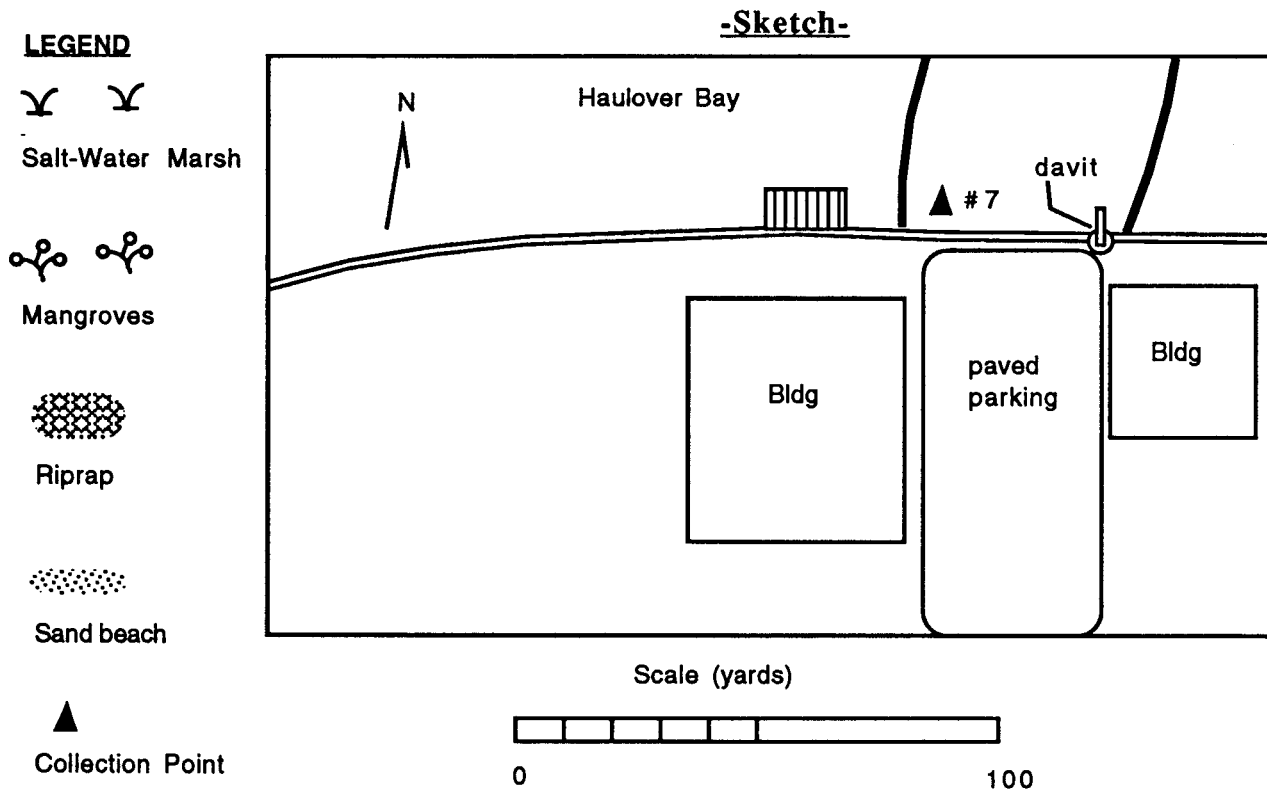
Current / Tide Information: 1-2 knots along bulkhead, 2'-3' average tidal range

Shoreline Description: Cement seawall

Access Description: Paved to bulkhead

Support Equipment / Facilities: 110/220, water, paved parking

Additional Comments: None



## Site Information Record

Inlet: Haulover

Recorder(s): Fm, RI

Date / Time:

Site Name / #: Haulover Boat Ramp

Site Type(s): Ramp, Staging Site

Contact Information: Dade County Parks and Recreation

Relative Location: Northwest of Inlet, 1 mile Northwest of bridge, northern-most point of Haulover Park

Address:

Directions from RRC: I-95 North to exit 125 St., east to A1A, north over Haulover Bridge first left turn

Latitude: 25° 55.0

Longitude: 80° 07.4

Water Depth Description: 4'-6' depth in basin

Current / Tide Information: 0-1 knot in basin

Shoreline Description: Paved, mangroves

Access Description: Paved to Ramp

Support Equipment / Facilities: Water, power, 5 acre paved parking lot, forklift, food, gas, diesel

Additional Comments: 5 Ramps (30' wide)

### LEGEND



Salt-Water Marsh



Mangroves



Riprap

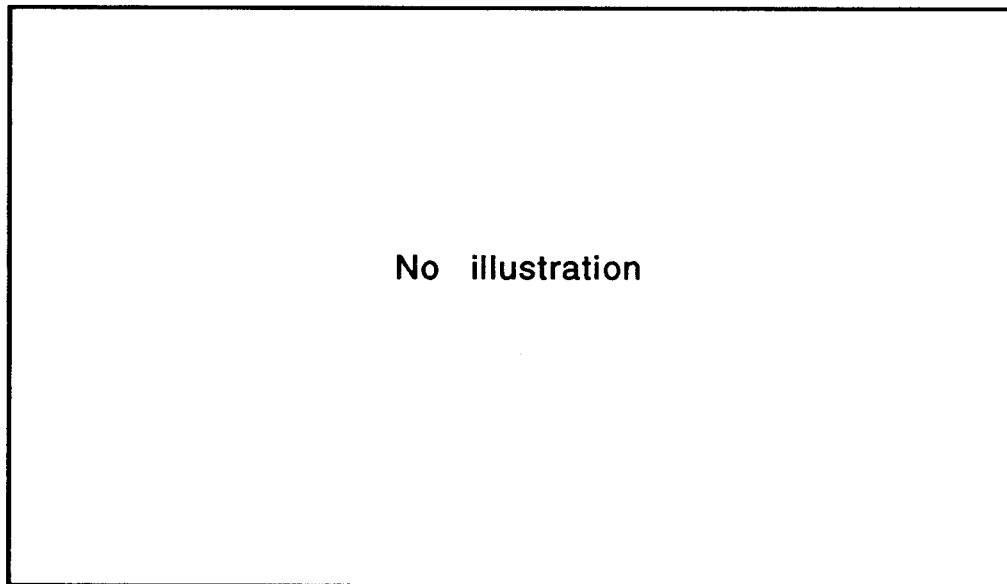


Sand beach



Collection Point

### -Sketch-



Scale ( )



0

11-13-91

F=2083

PD 3991-14-15



BAKERS HAULOER INLET

9 5



Bakers Haulover Inlet at low tide on 19 June 1994.

1999 DOQQ  
1:24,000



Bakers Haulover Inlet