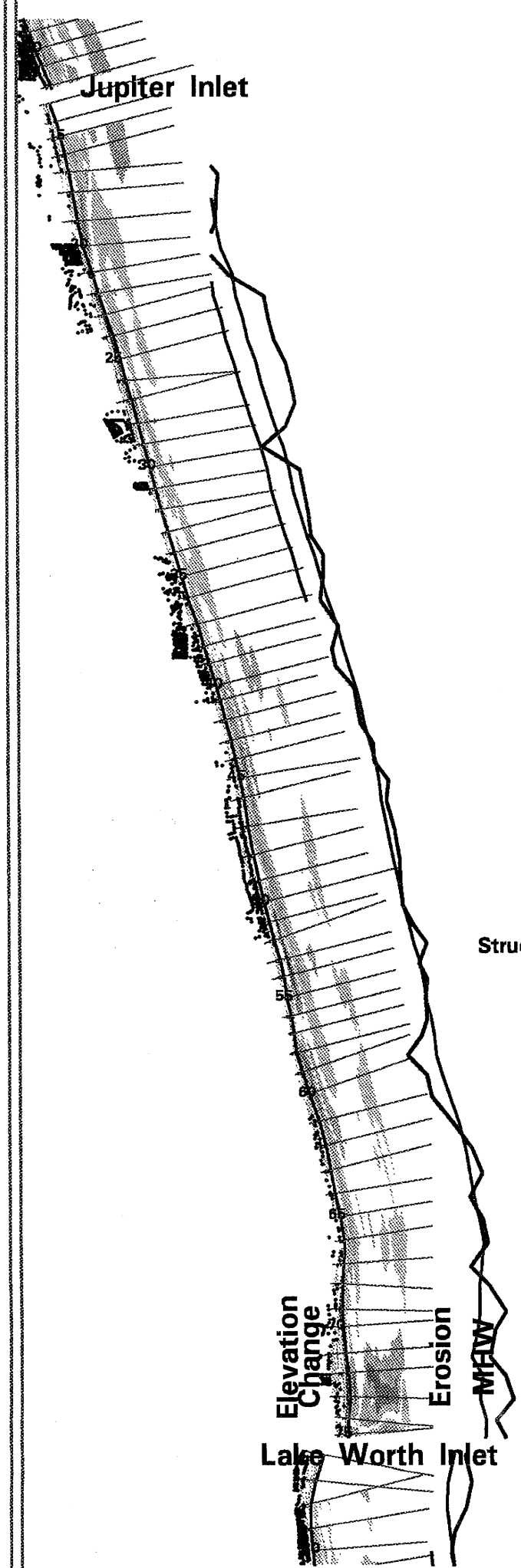
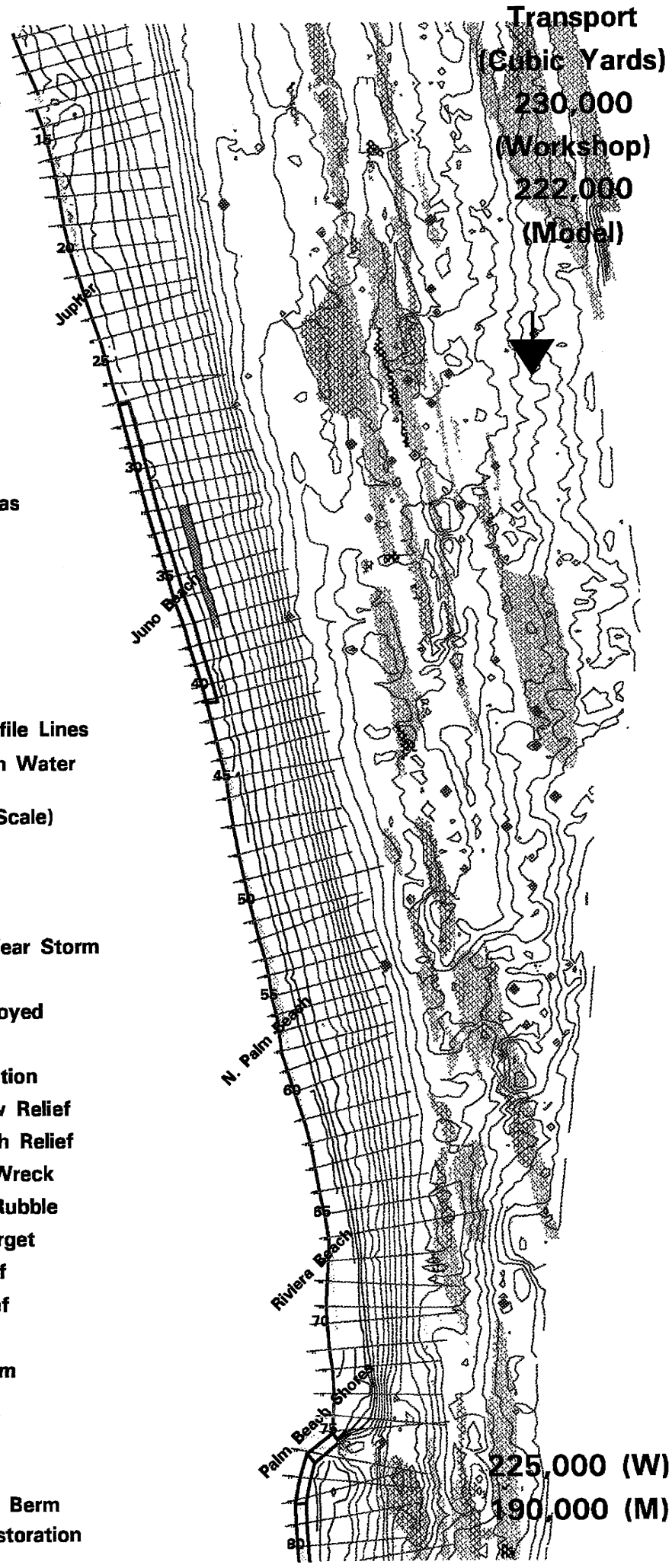
Palm Beach County
1974-1990
Jupiter Inlet
to Lake Worth Inlet





Elevation Change (Feet)

- -9+
- -6
- -3
- 0
- 3
- 6
- 9+

Erosion Problem Areas (DEP Code)

- I/III
- I/C
- I/NC
- II/C
- III/C
- Beach Profile Lines
- Mean High Water

MHW Change (Not to Scale)

- Erosion
- Accretion

Structure Damage in 100 Year Storm

- Destroyed
- Not Destroyed

Hardbottom Classification

- Patch Low Relief
- Patch High Relief
- Artificial Wreck
- Artificial Rubble
- Debris Target
- Low Relief
- High Relief
- Unknown
- Hardbottom Identified by Aerials

Proposed Projects

- Nearshore Berm
- Beach Restoration

Bathymetry Contours

- -5 to -25 Feet
- -30 to -170 Feet

Feet

2000 0 2000 4000 6000 8000

Plate 1. Jupiter - Lake Worth Reach Problem Identification & Plan Formulation

April 1996

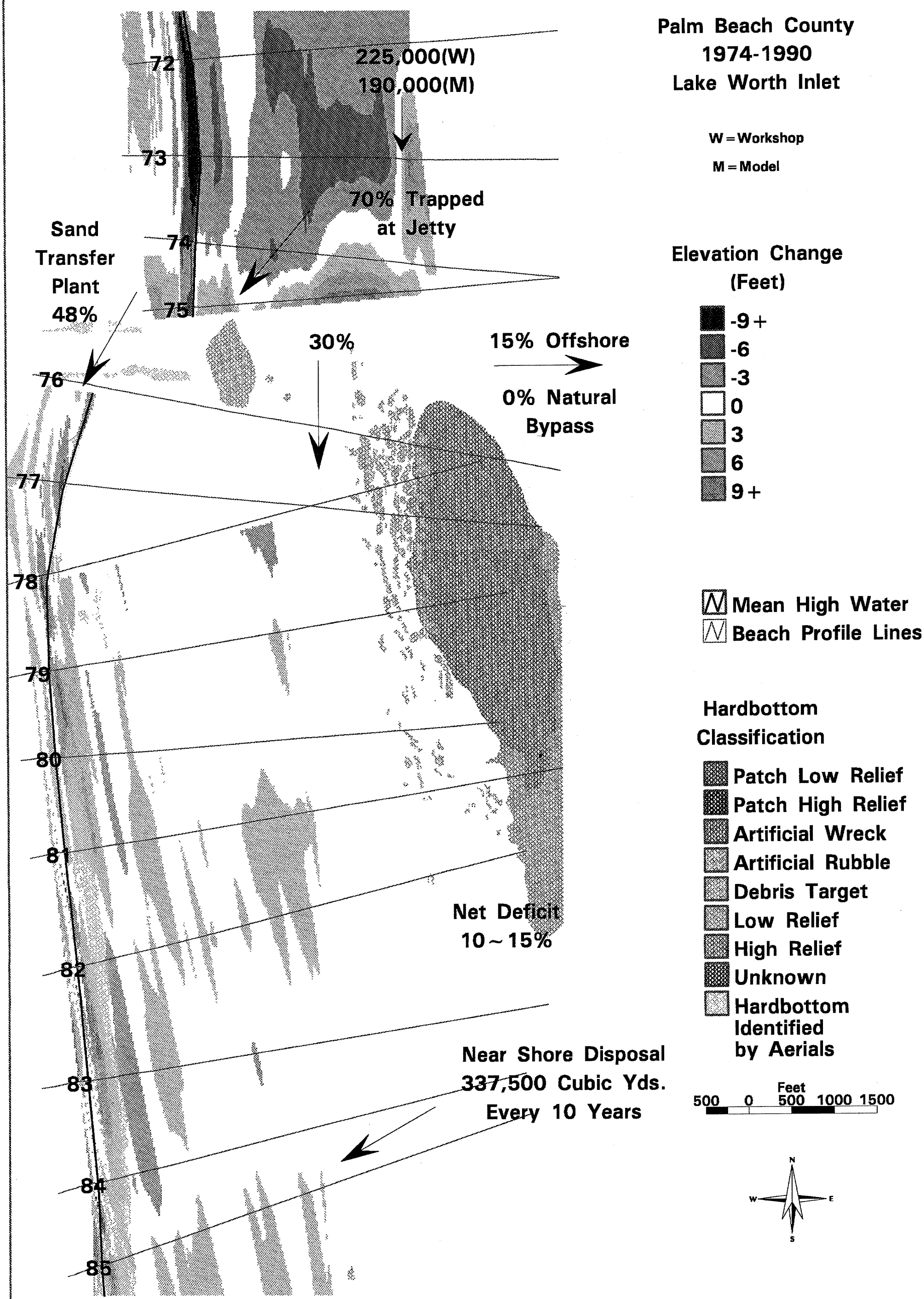
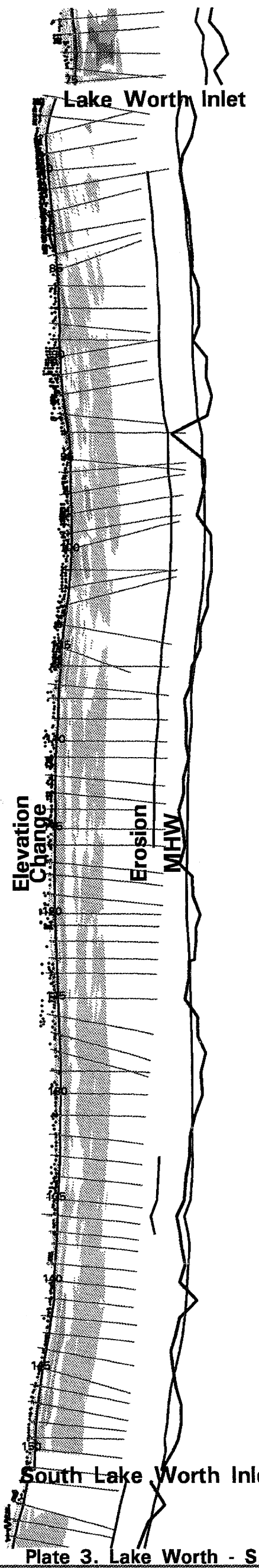
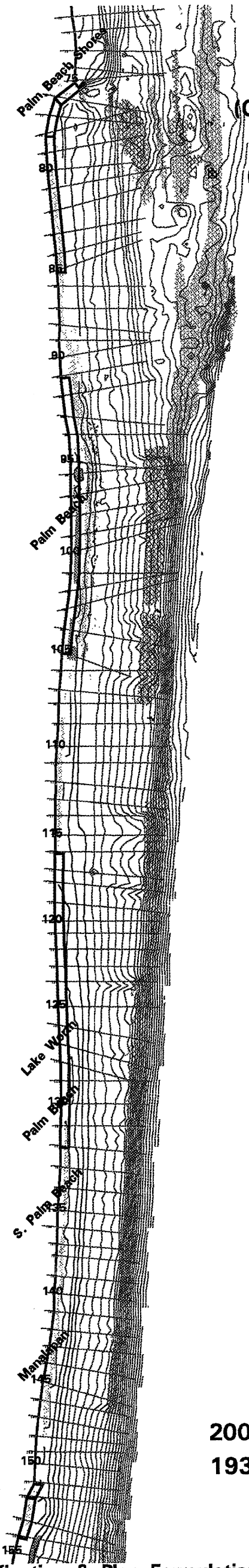


Plate 2. Lake Worth Inlet Sediment Budget

April 1996

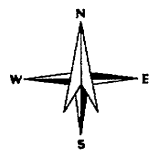
Palm Beach County
1974-1990
Lake Worth Inlet to S. Lake Worth Inlet





Yearly Net Transport (Cubic Yards)
225,000 (Workshop)
190,000 (Model)

200,000 (W)
193,000 (M)



Elevation Change (Feet)
- -9+
- -6
- -3
- 0
- 3
- 6
- 9+

Erosion Problem Areas (DEP Code)
- I/III
- I/C
- I/NC
- II/C
- III/C

- Beach Profile Lines
- Mean High Water

MHW Change (Not to Scale)
- Erosion
- Accretion

Structure Damage in 100 Year Storm
- Destroyed
- Not Destroyed

Hardbottom Classification
- Patch Low Relief
- Patch High Relief
- Artificial Wreck
- Artificial Rubble
- Debris Target
- Low Relief
- High Relief
- Unknown
- Hardbottom Identified by Aerials

Proposed Projects
- Nearshore Berm
- Beach Restoration

Bathymetry Contours
- -5 to -25 Feet
- -30 to -170 Feet

Feet
2000 0 2000 4000 6000 8000

Plate 3. Lake Worth - S. Lake Worth Reach Problem Identification & Plan Formulation

April 1996