

olsen
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**BROWARD COUNTY
 SHORE PROTECTION PROJECT
 SEGMENT III
 GROIN FIELD PLAN**

DATE:	APPROVED	REVISION	DATE:
7/24/00	C. G. C.	REDUCED NUMBER OF GROINS FROM 10 TO 2	10/1/99
11/8/01	C. G. C.	G-2 STEM EXTENDED LANDWARD REVISED FILL	DRAWN BY: S.H.
			SHEET 1 OF 4

Figure 6

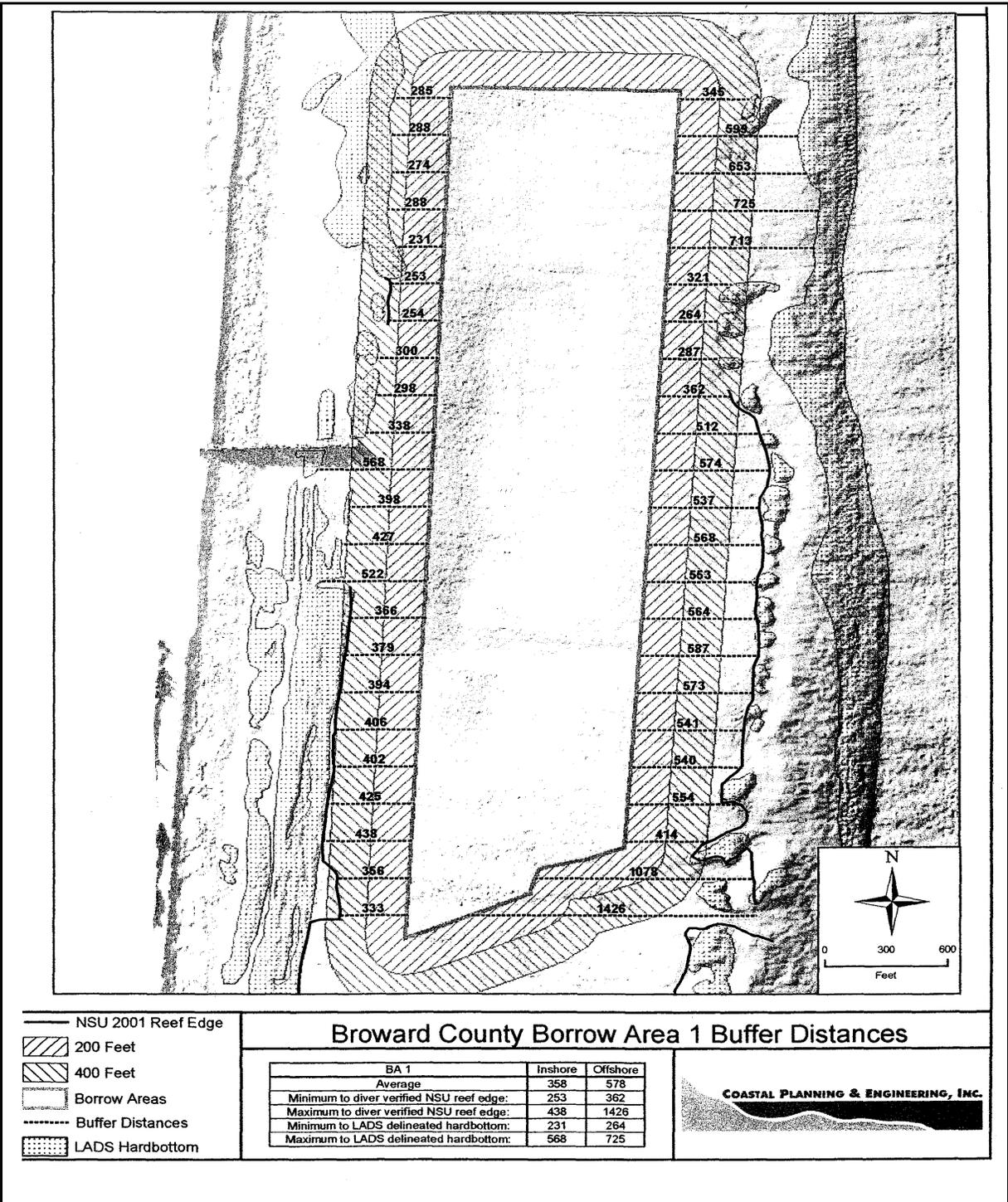


Figure 7

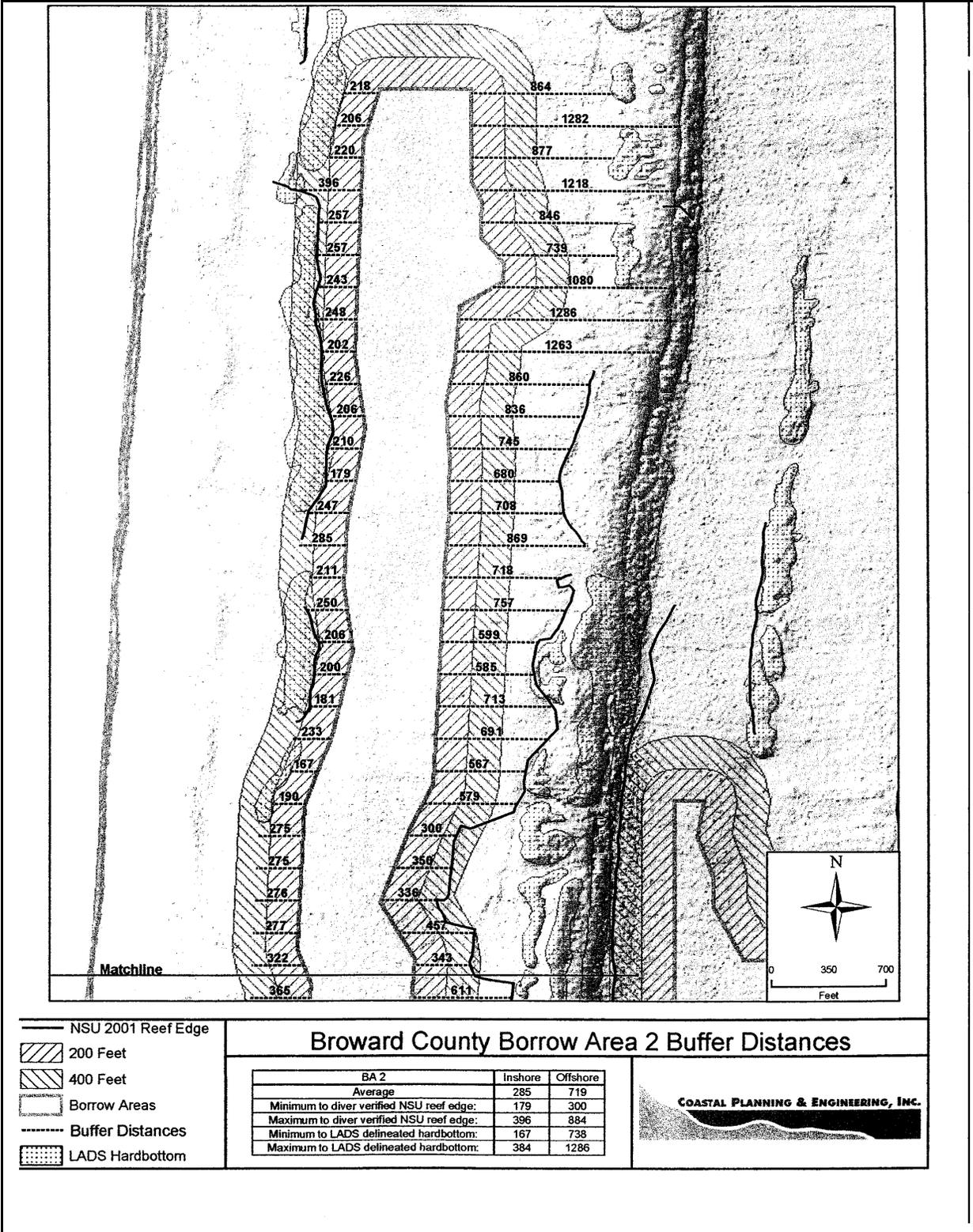


Figure 8

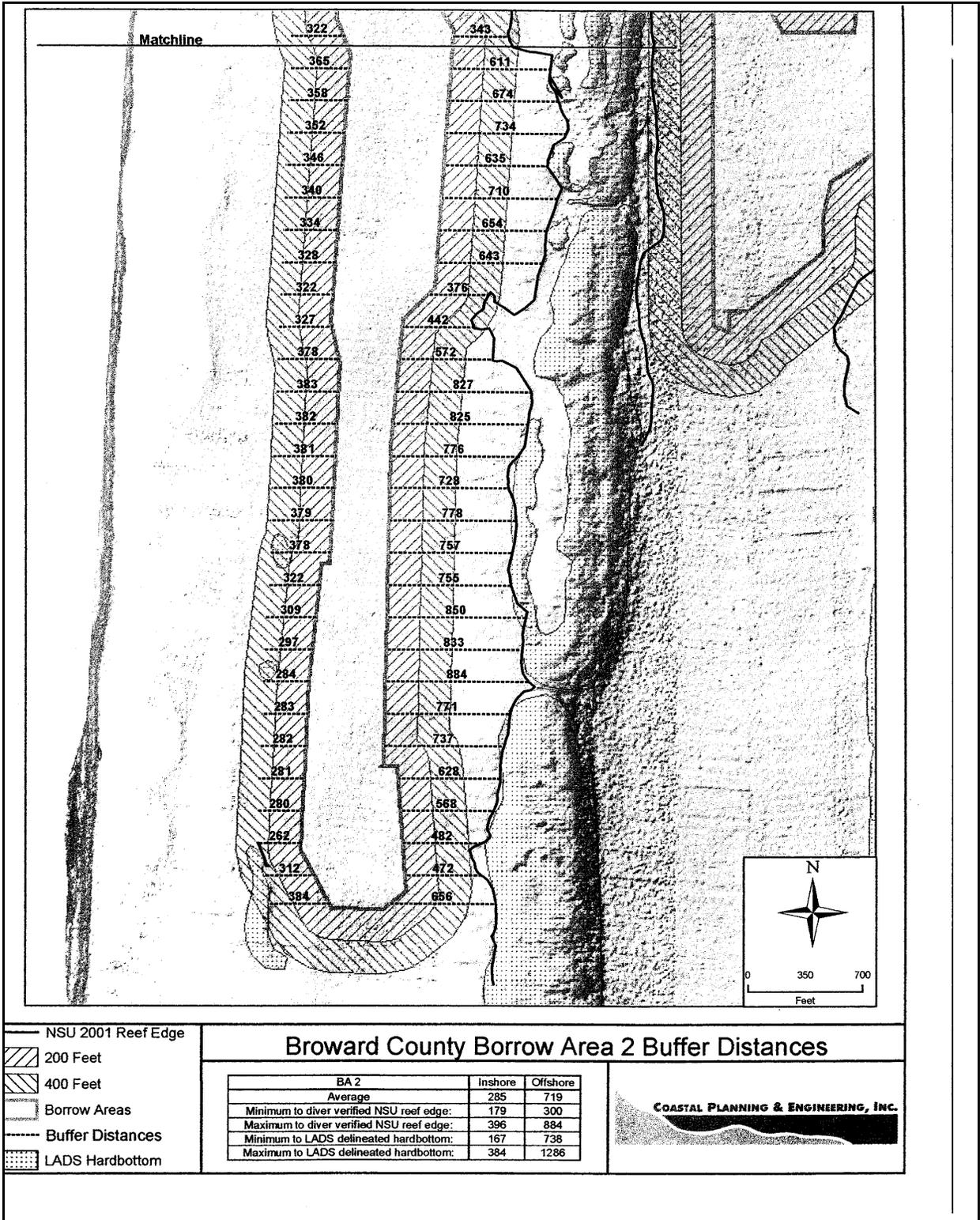


Figure 8a

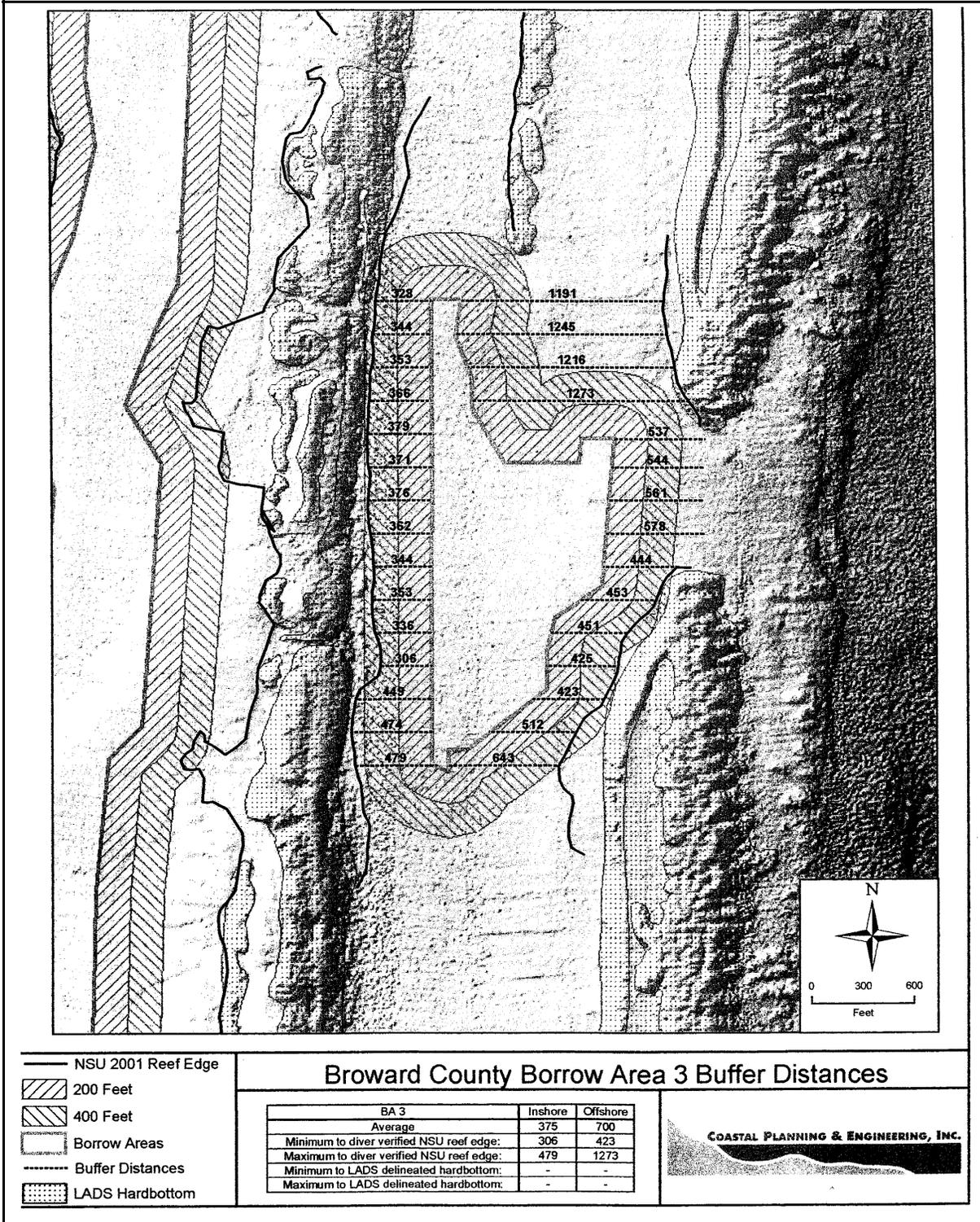
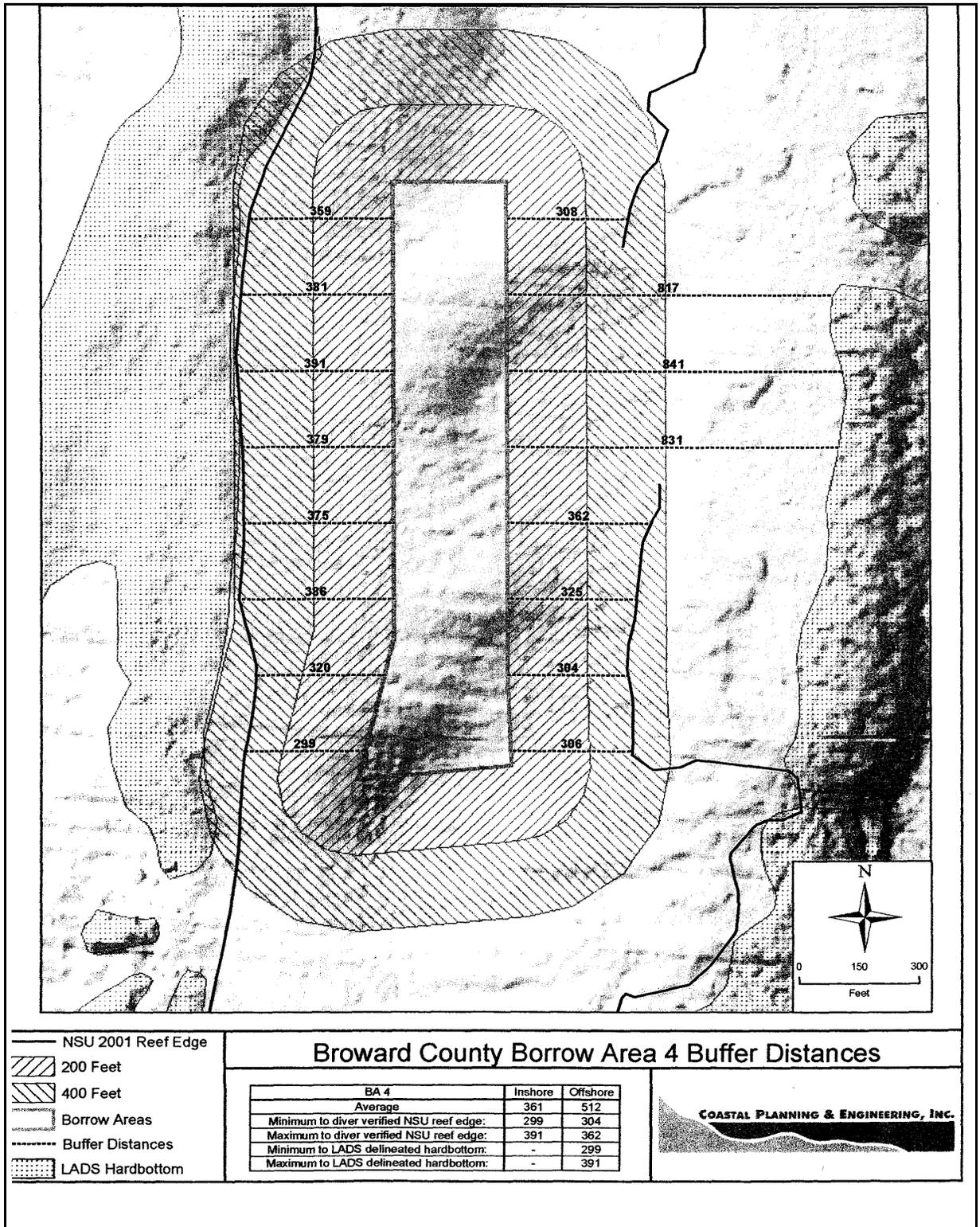


Figure 9



- NSU 2001 Reef Edge
- ▨ 200 Feet
- ▩ 400 Feet
- ▭ Borrow Areas
- - - - - Buffer Distances
- ▧ LADS Hardbottom

Broward County Borrow Area 4 Buffer Distances

BA 4	Inshore	Offshore
Average	361	512
Minimum to diver verified NSU reef edge:	299	304
Maximum to diver verified NSU reef edge:	391	362
Minimum to LADS delineated hardbottom:	-	299
Maximum to LADS delineated hardbottom:	-	391

COASTAL PLANNING & ENGINEERING, INC.

Figure 10

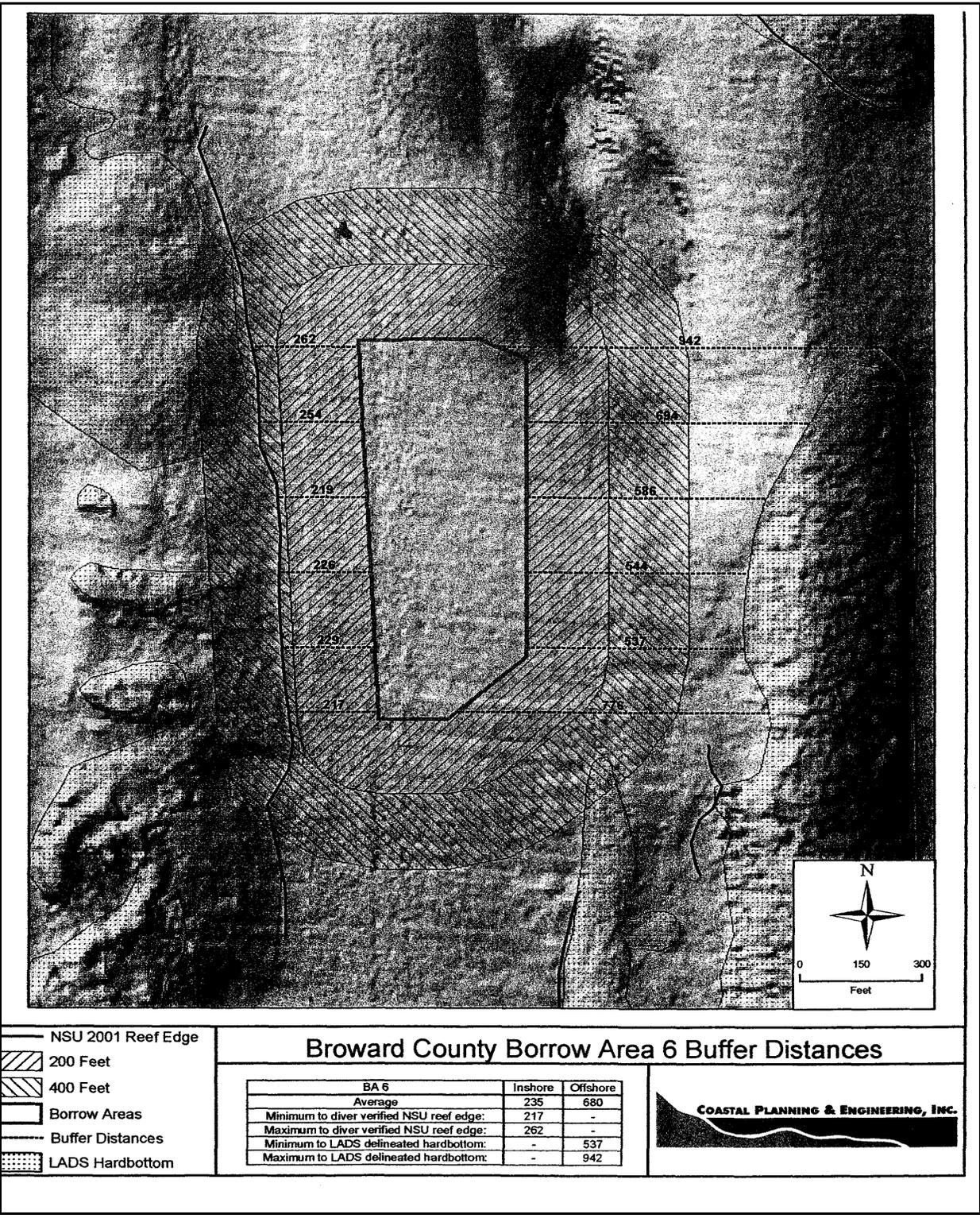


Figure 11