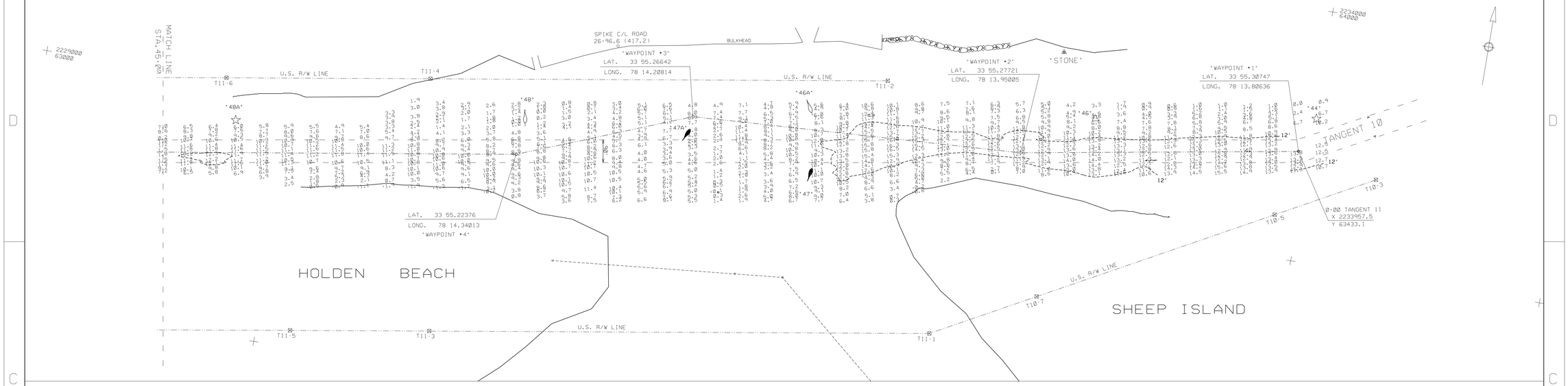
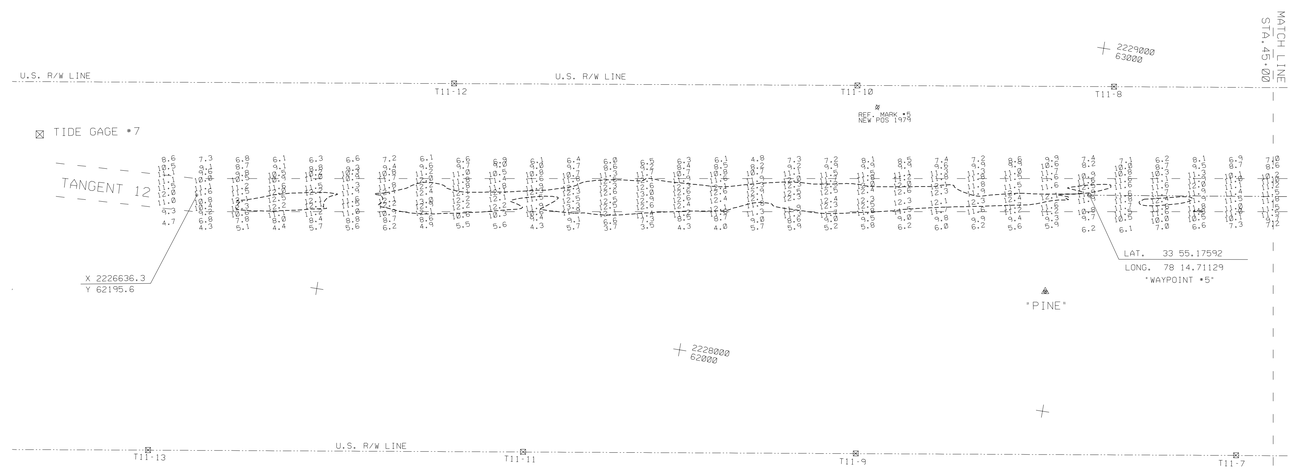
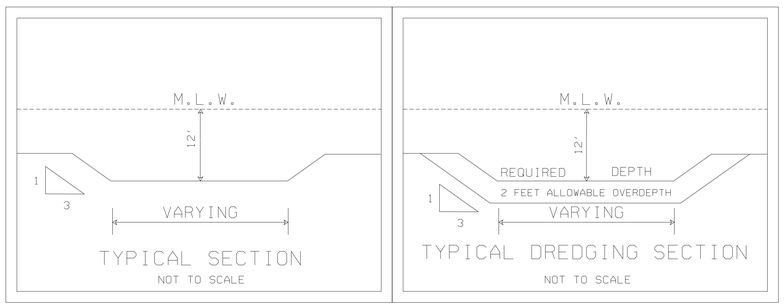




SCALE: 1:2000

200 100 0 100 200 300

SCALE IN FEET



NOTES:

SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO LOCAL M.L.W..
PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "SANDERSON", USING D.G.P.S.
HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.

TIDE GAGE LOCATED AT: DBCN #48A, 6 NAILS, M.L.W., BALDHEAD DATUM.

HORIZONTAL DATUM NAD 1983.

SHORELINE SURVEYED JUNE 1997

NAVIGATION AIDS LOCATED WITH SURVEY VESSEL, ACCURACY +/- 3 METERS.
LATITUDE AND LONGITUDE ARE EXPRESSED IN DEGREES, MINUTES AND DECIMAL MINUTES.

DESCRIPTION		EASTING	NORTHING	LATITUDE	LONGITUDE
BCN	#44	2234006	63573	33 55.32997	78 13.72552
DM	#46	2233143	63427	33 55.30712	78 13.89638
NUN	#46A	2232036	63252	33 55.27955	78 14.11543
CAN	#47	2232070	63056	33 55.24734	78 14.10912
CAN	#47A	2231571	63127	33 55.25965	78 14.20763
NUN	#48	2230919	63020	33 55.24272	78 14.33677
NUN	#48A	2229783	62853	33 55.21668	78 14.56160

THIS PROJECT WAS DESIGNED BY THE WILMINGTON DISTRICT OF THE U.S. ARMY CORPS OF ENGINEERS. THE INITIALS OR SIGNATURES AND REGISTRATION DESIGNATIONS OF INDIVIDUALS APPEAR ON THESE PROJECT DOCUMENTS WITHIN THE SCOPE OF THEIR EMPLOYMENT AS REQUIRED BY ER 1110-1-8152.

THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME. BECAUSE THESE CONDITIONS ARE SUBJECT TO RAPID CHANGE DUE TO SHOALING EVENTS, A PRUDENT MARINER SHOULD NOT RELY EXCLUSIVELY ON THE INFORMATION PROVIDED HERE.

CONDITION SURVEY

CONTROLLING DEPTH 4.5'

SYMBOL	DESCRIPTIONS	DATE	APPROVED

REVISIONS

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

ATLANTIC INTRACOASTAL WATERWAY
BETWEEN
NORFOLK, VA. AND THE ST.JOHNS RIVER, FLA. (WILMINGTON DISTRICT)

US ARMY CORPS
OF ENGINEERS

CAPE FEAR RIVER - LITTLE RIVER, S.C.

TANGENT 11

SURVEYED BY: MKA
DRAWN BY: JDE,EVH
CHECKED BY:
REVIEWED BY:
APPROVED BY:
CHIEF NAVIGATION BRANCH

SCALE: 1:2000
DATE: 14 FEBRUARY 2004
MAP FILE NO. AIWW CFR-LR 105-04-02
PLATE NUMBER:
SURVEYED: 12,14 FEBRUARY 2004
SHEET OF