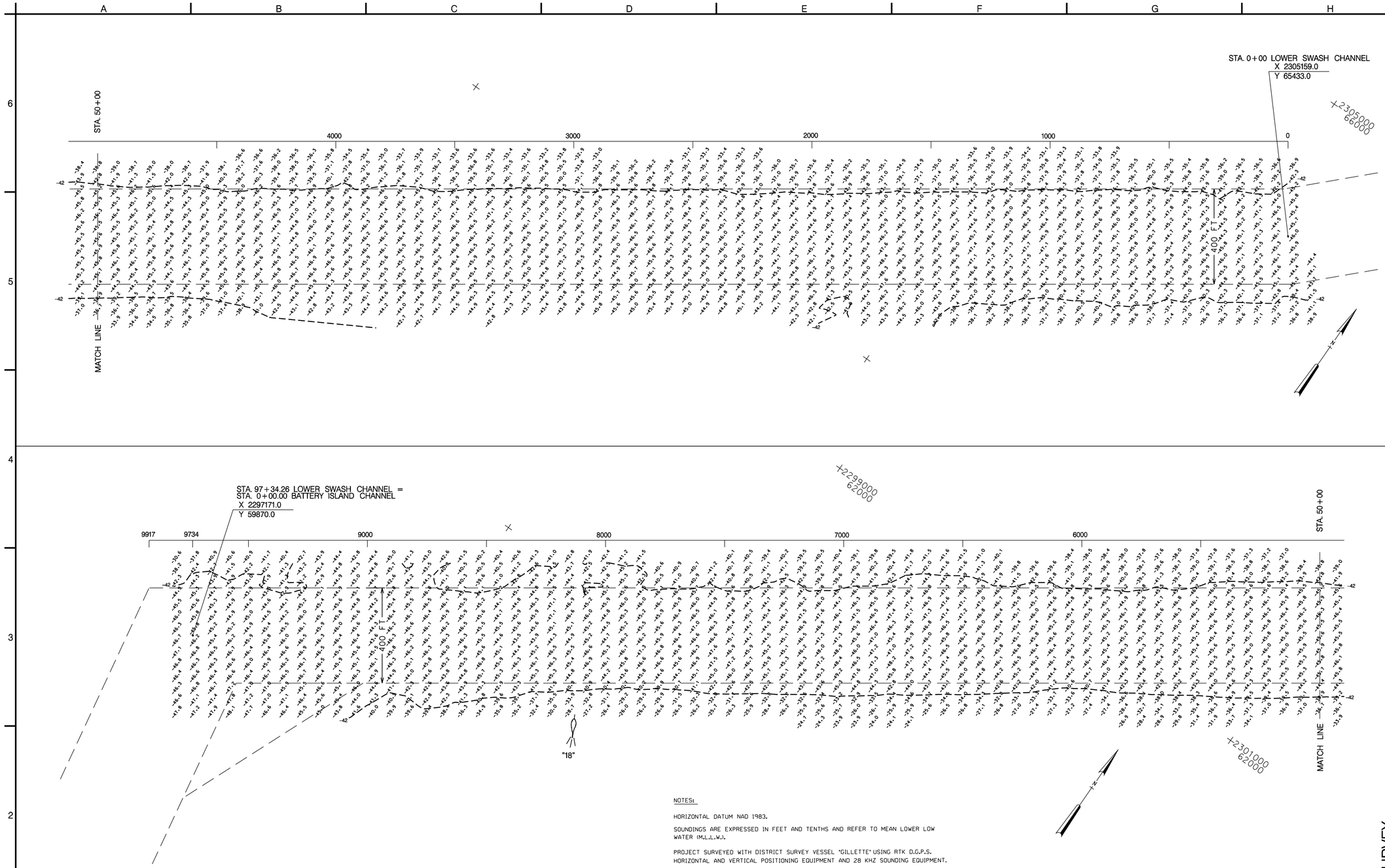

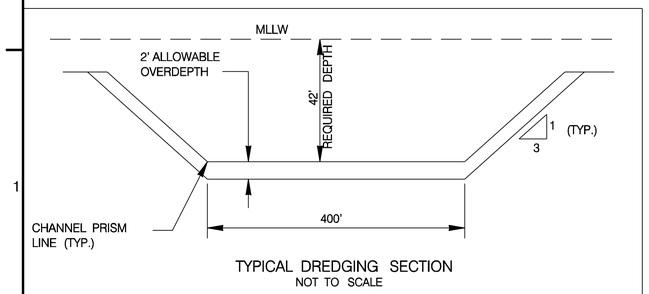

TYPICAL DREDGING SECTION
NOT TO SCALE

NOTES:

HORIZONTAL DATUM NAD 1983.

SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.).

PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "GILLETTE" USING RTK D.G.P.S. HORIZONTAL AND VERTICAL POSITIONING EQUIPMENT AND 28 KHZ SOUNDING EQUIPMENT.

GPS REFERENCE TIDE GAGE LOCATED AT: LOWER BRUNSWICK / KEG ISLAND. USE OF TIDE VALUES FOR THIS GAGE ARE RESTRICTED TO QUALITY ASSURANCE PURPOSES FOR VERIFICATION OF RTK GPS TIDES. THE WILMINGTON DISTRICT WILL ONLY USE STAFF GAGE TIDAL VALUES FOR FINAL MAPPING AND QUANTITY CALCULATIONS IF RTK GPS IS UNAVAILABLE AT THAT TIME.

THIS MAP 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.

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

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

DESCRIPTION	EASTING	NORTHING	LATITUDE	LONGITUDE
LT. NUN * 18	2298677	60515	33 54.73166	78 00.94566

SCALE: 1" = 200'
500 400 300 200 100 0 500
SCALE IN FEET

CONDITION SURVEY

WILMINGTON HARBOR, NC

LOWER SWASH CHANNEL

PLATE NUMBER

SHEET OF

US Army Corps of Engineers
Wilmington District

SYMBOL	DESCRIPTION	DATE	APPROVED	SYMBOL	DESCRIPTION	DATE	APPROVED

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

SURVEYED BY: MKA
DRAWN BY: ERS
CHECKED BY:
DATE: 22 MAY 2008

APPROVED BY: CHIEF, NAVIGATION BRANCH
MAP FILE NO. WH 105-09-49
SURVEYED: 20 MAY 2008
FILE NAME: LSW 0500.DGN
PLOT SCALE: 1" = 200'