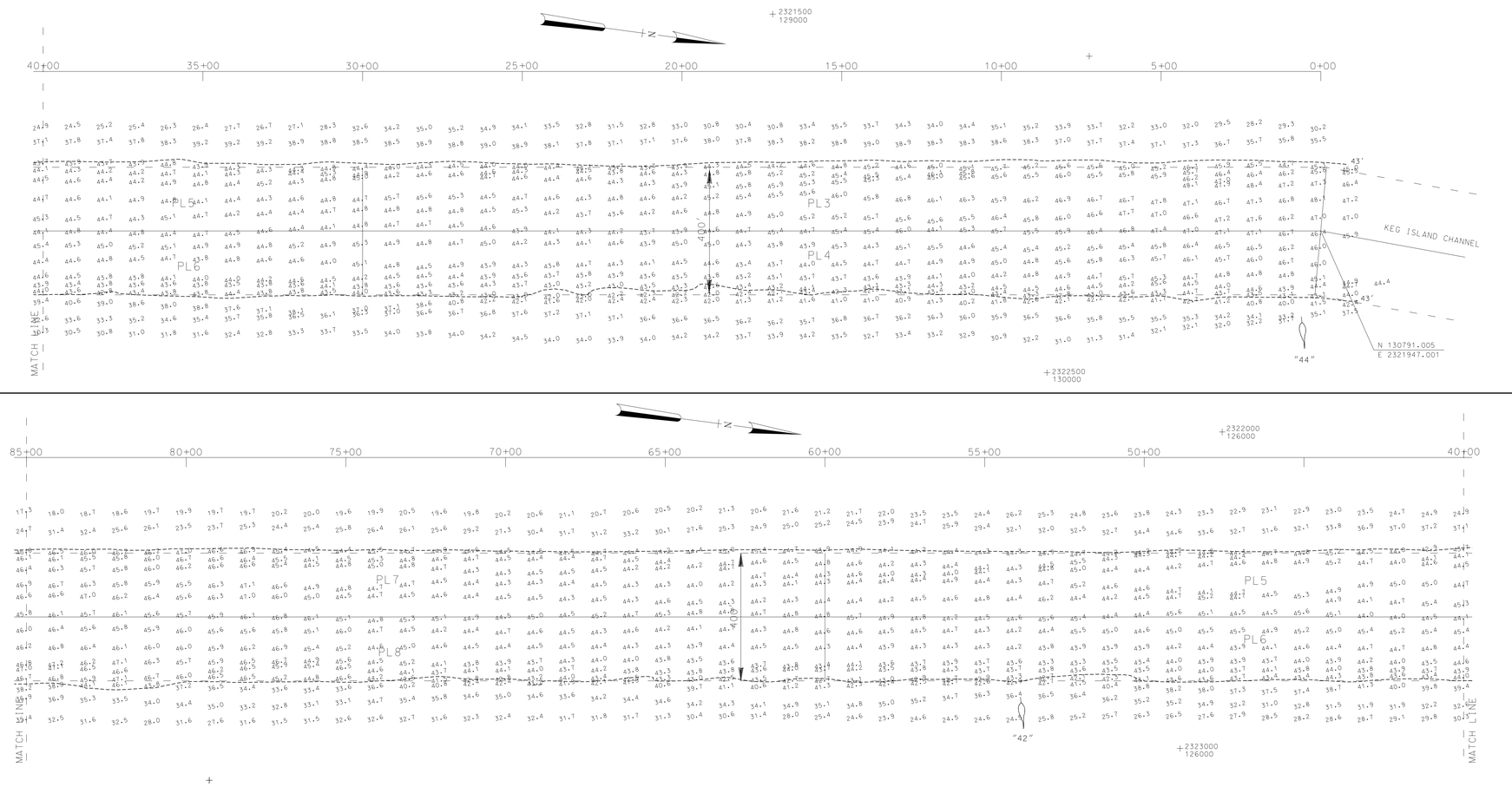
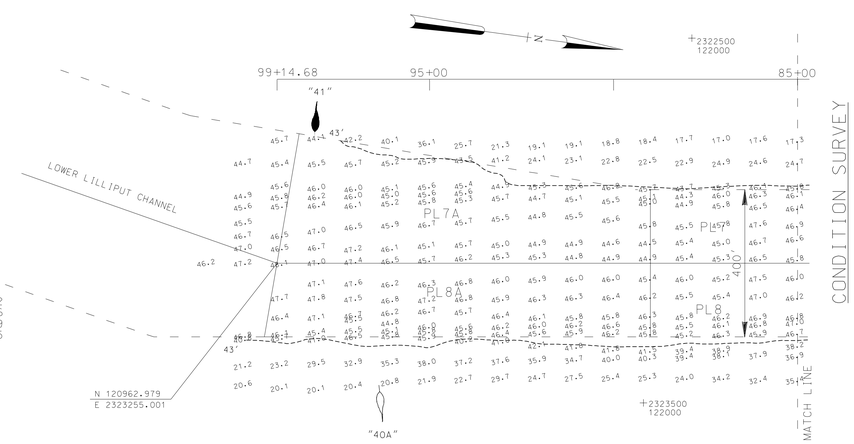




NOTES:

HORIZONTAL DATUM NAD 1983.

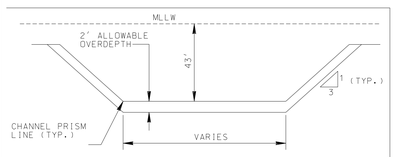
SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW).

PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL " GILLETTE " USING RTK DGPS FOR HORIZONTAL AND VERTICAL POSITIONING EQUIPMENT AND 28 KHZ SOUNDING EQUIPMENT.

GPS REFERENCE TIDE GAGE LOCATED AT BCN. #10, 6 NAILS, MLLW DATUM. USE OF TIDES VALUES FOR THIS GAGE ARE RESTRICTED TO QUALITY ASSURANCE PURPOSES FOR VERIFICATION OF RTK GPS TIDES. THE WILMINGTON DISTRICT WILL ONLY USE STALL GAGE TIDAL VALUES FOR FINAL MAPPING AND QUANTITY CALCULATIONS IF RTK GPS IS UNAVAILABLE AT THAT TIME.

THE INITIALS PR SIGNATURES AND REGISTRATION DESIGNATIONS OF INDIVIDUALS APPEAR ON THESE THIS MAP WAS DESIGNED BY THE WILMINGTON DISTRICT OF THE U.S. ARMY CORPS OF ENGINEERS. 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.



TYPICAL DREDGING SECTION
NOT TO SCALE

NAVIGATION AIDS LOCATED BY SURVEY VESSEL, ACCURACY +/- 3 METERS.

LT.BUOY 40A	2323547	121281	LAT. 34.07844	LONG. 77.93162
LT.BUOY 44	2322221	130766	LAT. 34.10454	LONG. 77.93566
LT.BUOY 42	2322906	125483	LAT. 34.09000	LONG. 77.93359
LT.BUOY 41	2322904	121019	LAT. 34.07774	LONG. 77.93375

SCALE: 1:2000
200 100 0 100 200 300
SCALE IN FEET

US Army Corps of Engineers
Wilmington District

SYMBOL	DESCRIPTION	DATE	APPROVED	SYMBOL	DESCRIPTION	DATE	APPROVED

SURVEYED BY: MASV
DRAWN BY: CVH
CHECKED BY:
REVIEWED BY:
DATE: 23 APRIL 2003

APPROVED BY:
CHIEF, NAVIGATION BRANCH
MAP FILE NO: 1003-08-02
22 APRIL 2003
SURVEYED: 10-08-02
FILE NAME: ULIMAP3.DGN
PLOT SCALE: 1:2000

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

CONDITION SURVEY

WILMINGTON HARBOR, NC

UPPER LILLIPUT CHANNEL

PLATE NUMBER

SHEET OF

.../2003/Upper Lil/uli0422.dgn 05/07/2003 02:33:17 PM