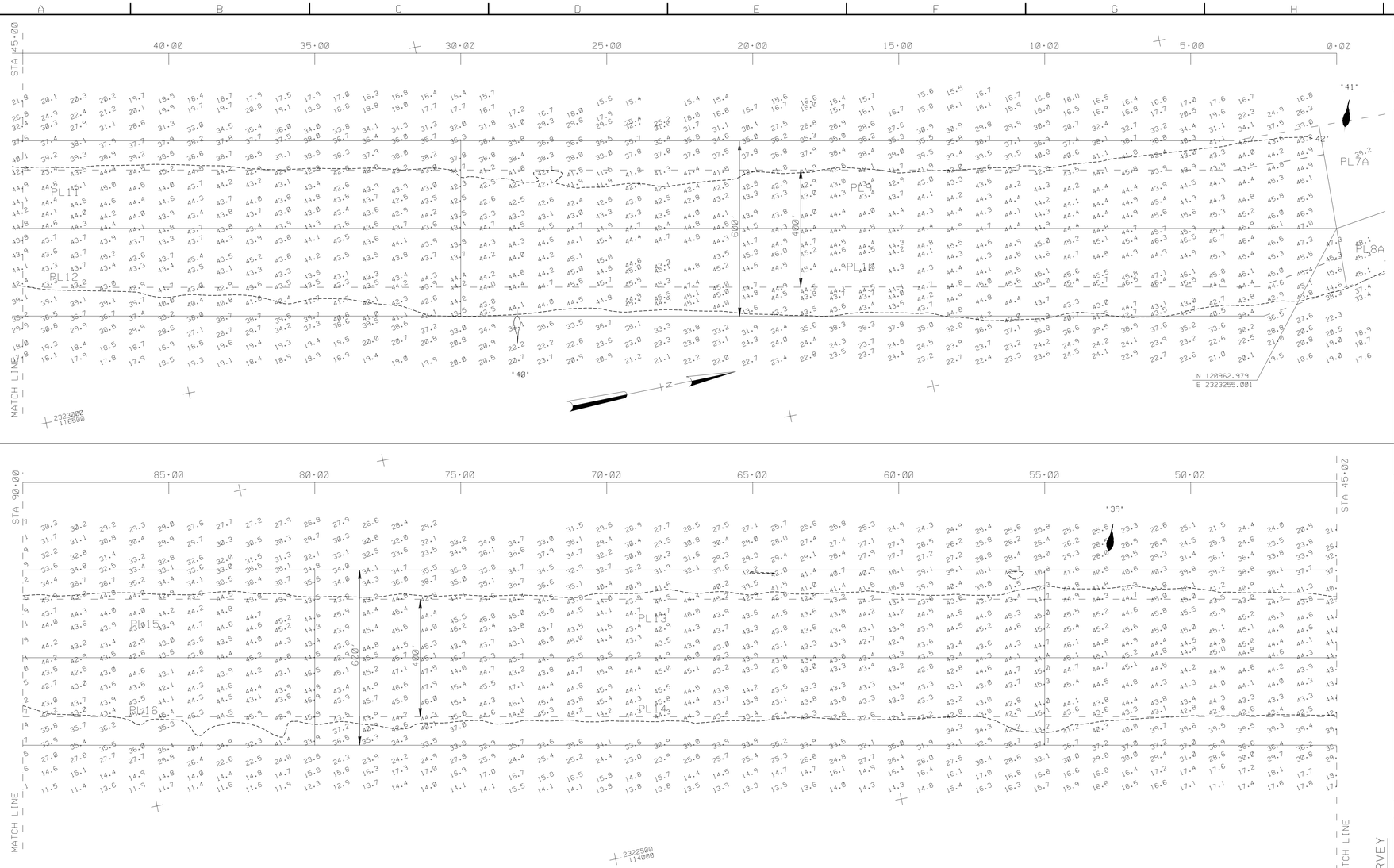

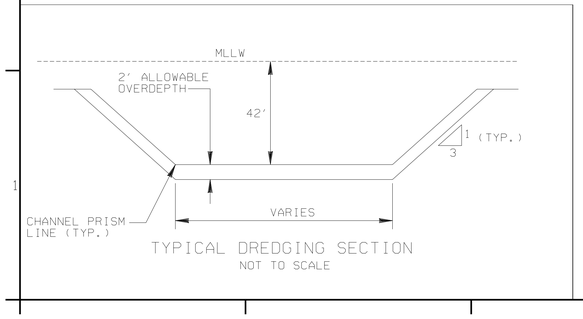

TYPICAL DREDGING SECTION
NOT TO SCALE

NOTES:

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.

HORIZONTAL DATUM NAD 1983.

GPS REFERENCE TIDE GAGE LOCATED AT: BCN •10
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 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. BECAUSE THESE CONDITIONS ARE SUBJECT 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 PLUS / MINUS 3 METERS. LATITUDE AND LONGITUDE ARE EXPRESSED IN DEGREES, MINUTES AND DECIMAL MINUTES.

DESCRIPTION	EASTING	NORTHING	LATITUDE	LONGITUDE
LT.BUOY 39	2321832	115863	34 03.81633	77 56.24841
LT.BUOY 40	2322952	118158	34 04.19251	77 56.02168
LT.BUOY 40A	2323561	121280	34 04.70608	77 56.89439
LT.BUOY 41	2322938	121056	34 04.67026	77 56.01829

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: MAS
DRAWN BY: EVH
CHECKED BY:
REVIEWED BY:
DATE: 1 OCT. 2004
APPROVED BY:
CHIEF, NAVIGATION BRANCH
MAP FILE NO: WH 105-04-124
SURVEYED: 30 SEPTEMBER 2004
FILE NAME: LLIL0930.DGN
PLOT SCALE: 1:2000

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

CONDITION SURVEY

WILMINGTON HARBOR, NC

LOWER LILLIPUT CHANNEL
STA 0+00 - 90+00

PLATE NUMBER

SHEET OF

WILHBR / LOWER LILLIPUT / 2004 / LLIL0930.CO/.XST/.DGN

.../3009SAEH/WILHBR/llil0930.dgn 10/01/2004 11:16:37 AM