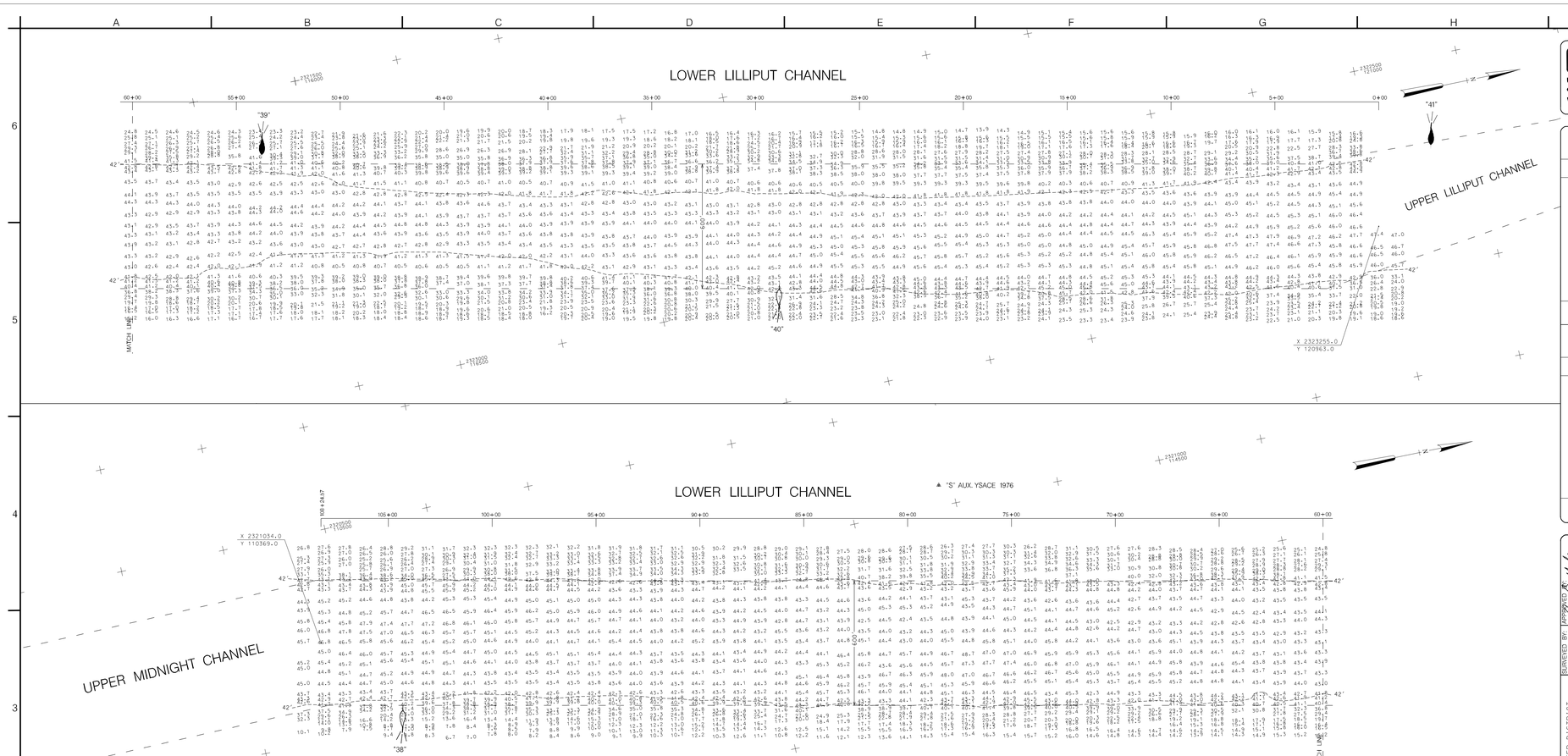

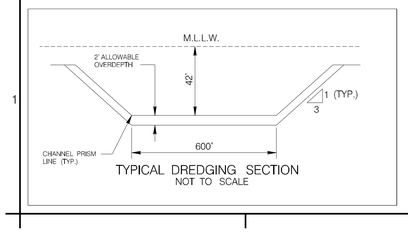

TYPICAL DREDGING SECTION
NOT TO SCALE

SCALE: 1:3000

500 400 300 200 100 0 500

SCALE IN FEET

NOTES:

1. SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (M.L.L.W.).
2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "GILLETTE" USING RTK DGPS HORIZONTAL AND VERTICAL POSITIONING EQUIPMENT AND 28 KHZ SOUNDING EQUIPMENT.
3. HORIZONTAL DATUM NAD 1983.
4. GPS REFERENCE TIDE GAGE LOCATED AT: DM 10. M.L.L.W.. 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.
5. 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.
6. 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.
7. 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	# 38	2321410	110693	34 02.96466	77 56.34292
LT. CAN	# 39	2321835	115766	34 03.80015	77 56.24803
LT. NUN	# 40	2322937	118081	34 04.17978	77 9056.024
LT. CAN	# 41	2322943	121285	34 04.70802	77 956.0168

US Army Corps of Engineers
Wilmington District

SYMBOL	DESCRIPTION	DATE	APPROVED	SYMBOL	DESCRIPTION	DATE	APPROVED

SURVEYED BY: M.K.A. W.W.H.
DRAWN BY: J.D.E.
CHECKED BY: J.D.E.
DATE: 20 MAR 2008
APPROVED BY: Richard Sinclair
MAP FILE NAME: Vol. 105-08-32
SURVEY DATE: 18.20 MARCH 2008
FILE NAME: LIL20320.DGN
PLOT SCALE: 1:3000

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

CONDITION SURVEY

WILMINGTON HARBOR, NC

LOWER LILLIPUT CHANNEL

PLATE NUMBER

SHEET OF

.../3009SAJE/WORK1/lil_0320.dgn 3/26/2008 8:42:01 AM