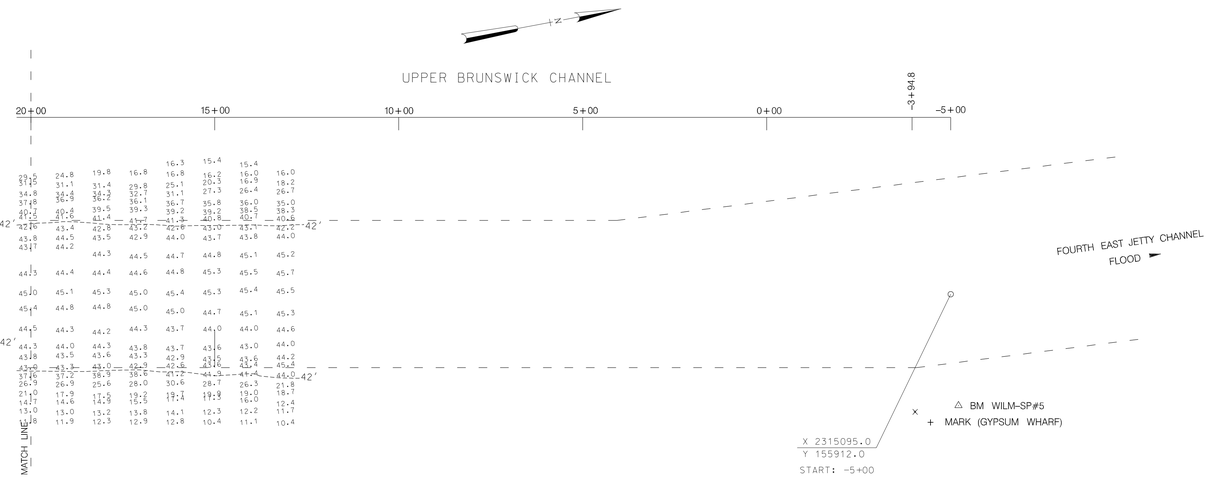
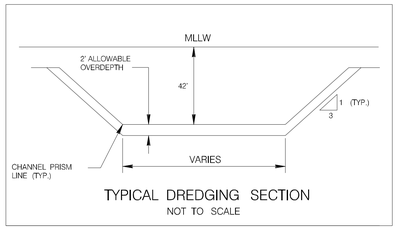
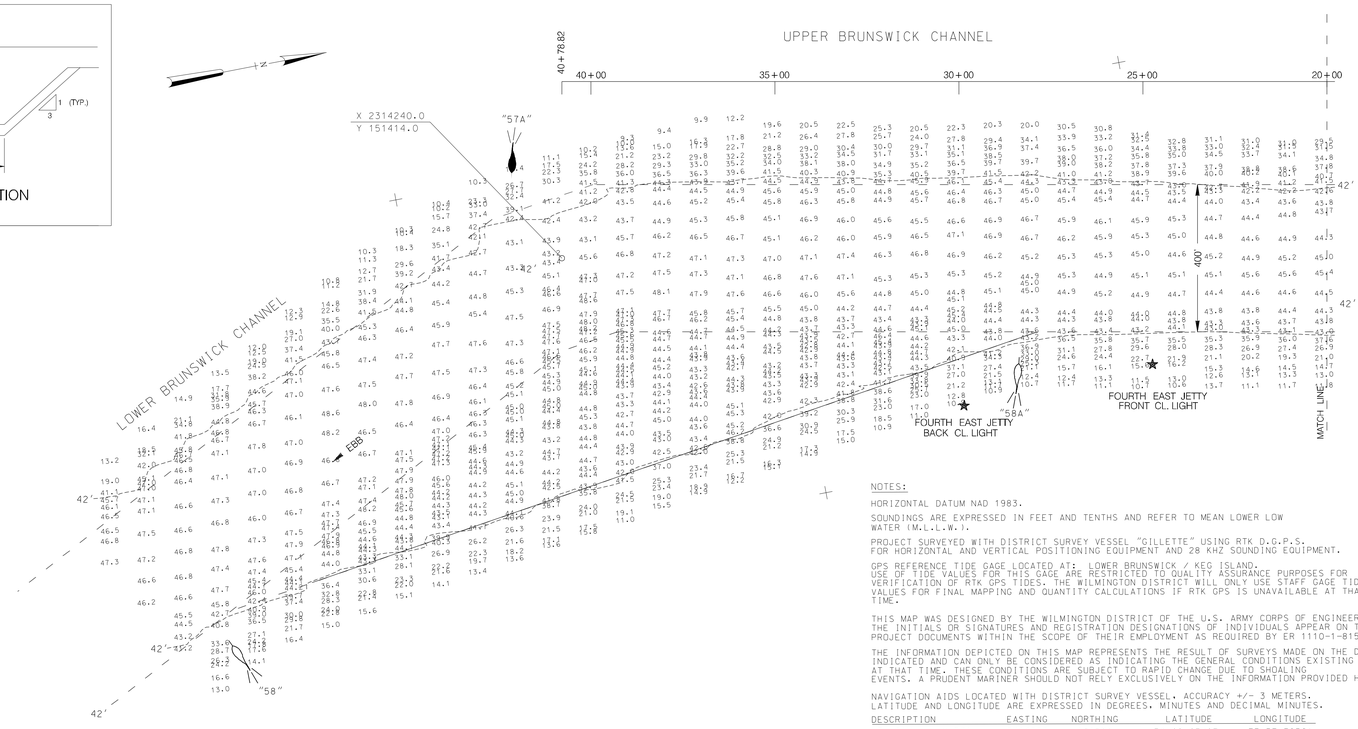




TYPICAL DREDGING SECTION
NOT TO SCALE



SCALE: 1:2000

200 100 0 100 200 300

SCALE IN FEET

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. FOR 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, MINUTES AND DECIMAL MINUTES.

DESCRIPTION		EASTING	NORTHING	LATITUDE	LONGITUDE
LT. CAN	# 57A	2314003	151320	34 09.67487	77 57.72561
LT. NUN	# 58	2315092	150330	34 09.50983	77 57.51186
LT. NUN	# 58A	2314736	152585	34 09.88213	77 57.57776
FT.RANGE FEJ		2313980	151950	34 09.77875	77 57.72896
BK.RANGE FEJ		2314822	152417	34 09.85429	77 57.56101

US Army Corps of Engineers
Wilmington District

SYMBOL	DESCRIPTION	DATE	APPROVED	SYMBOL	DESCRIPTION	DATE	APPROVED

SURVEYED BY: N.A.L., W.K.S.	DEPOSITED BY:
DRAWN BY: J.D.F.	JOB FILE NO.: WH 105-08-26
CHECKED BY:	SURVEY DATES: 19 FEBRUARY 2008
DATES: 20 FEB. 2008	FILE NAME: UBR_0219.DGN
	PLOT SCALE: 1:2000

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

CONTRACT NO. W912HN-07-C-0055

AFTER DREDGING

WILMINGTON HARBOR, NORTH CAROLINA

UPPER BRUNSWICK CHANNEL

PLATE NUMBER

SHEET OF

.../30098AJ8/WORK1/ubr_0219.dgn 2/25/2008 8:48:22 AM