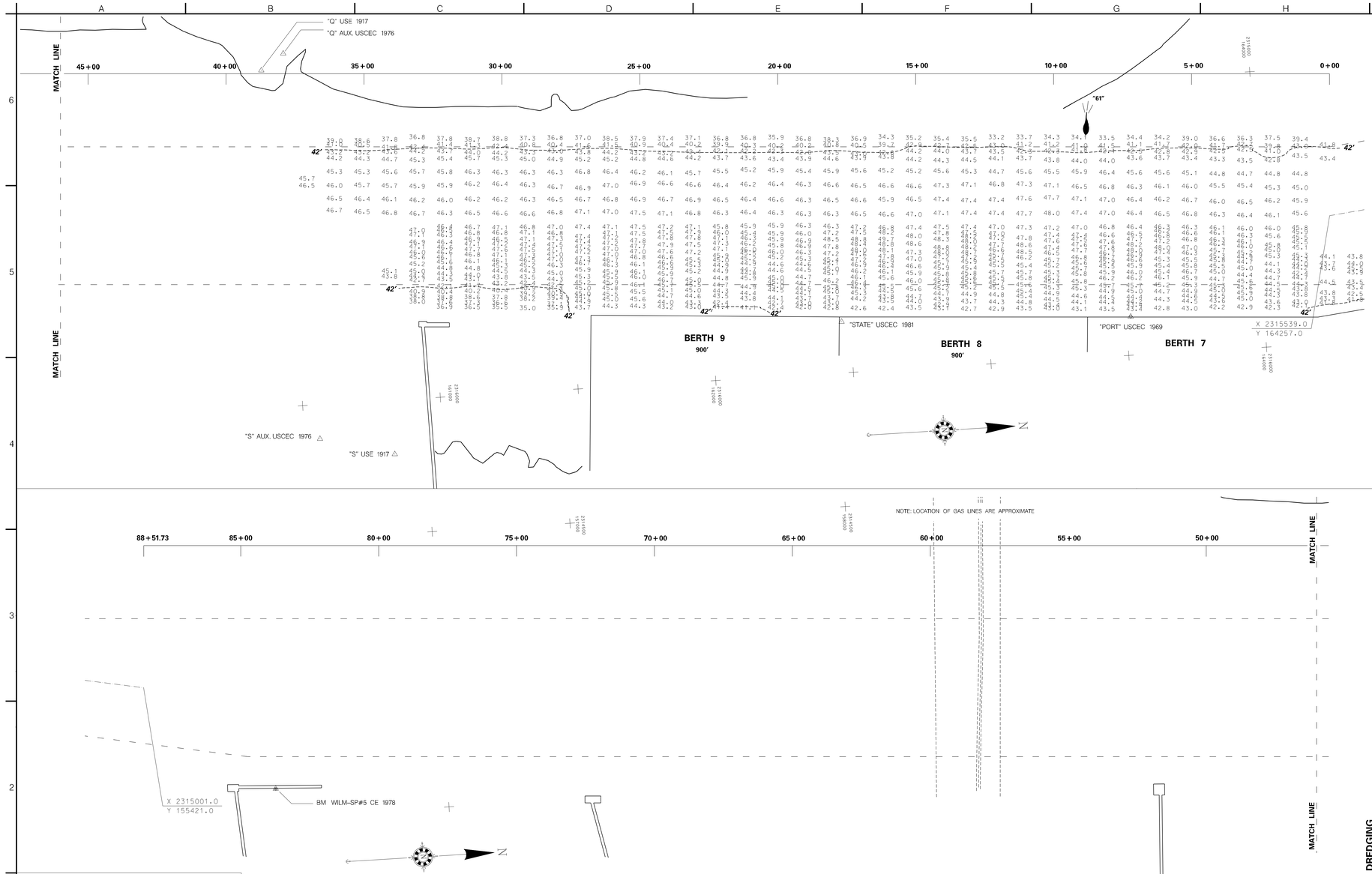

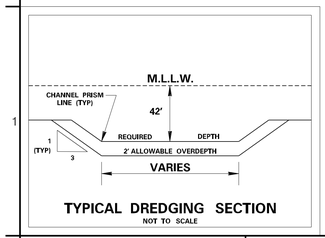

TYPICAL DREDGING SECTION
NOT TO SCALE

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 D.G.P.S. HORIZONTAL POSITIONING EQUIPMENT AND 28 KHZ SOUNDING EQUIPMENT.
3. GPS REFERENCED TIDE GAGE LOCATED AT: CAPE FEAR MEMORIAL BRIDGE

   USE OF TIDE VALUES FOR THIS GAGE ARE RESTRICTED TO QUALITY ASSURANCES 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 UN-AVAILABLE AT THE TIME.
4. HORIZONTAL DATUM NAD 1983.
5. THIS PROJECT 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 RESULTS 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.BUOY # 61	2315209.60	163391.14	34 11.6627162	77 57.4612904

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: MKA,JBD,WLS
DRAWN BY: MSA
CHECKED BY: MSA
DATE: 30 DEC 2008
APPROVED BY: [signature]
MAP FILE NO: WH 105-08-101
SURVEYED: 22 DECEMBER 2008
FILE NAME: fej1222ad.dgn
PLOT SCALE: 1: 2000

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

CONTRACT NO. W912HN-08-C-0051

AFTER DREDGING

WILMINGTON HARBOR, NORTH CAROLINA

FOURTH EAST JETTY CHANNEL

PLATE NUMBER

SHEET __ OF __

.../fej1222ad.dgn 1/5/2009 3:38:15 PM