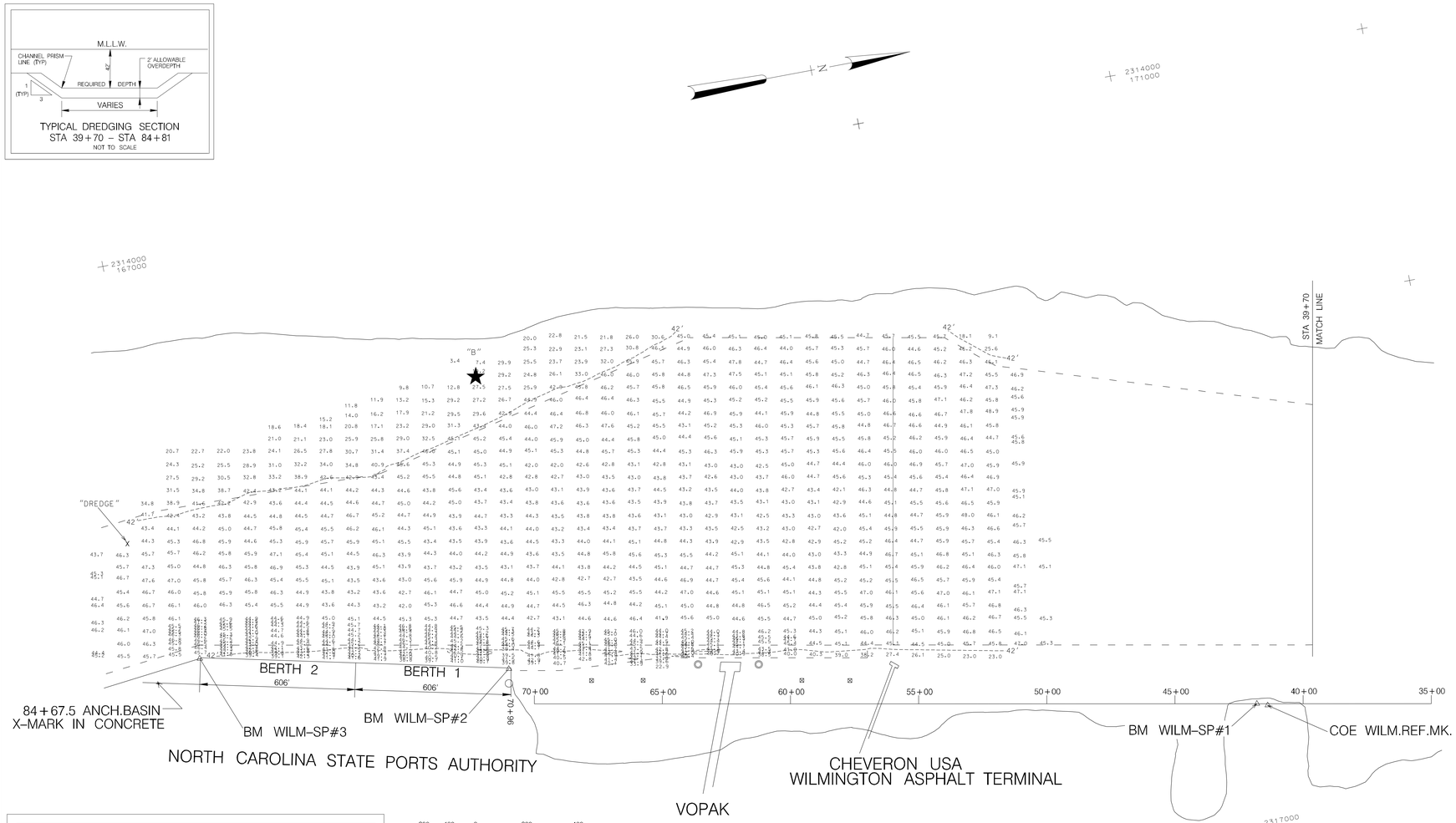

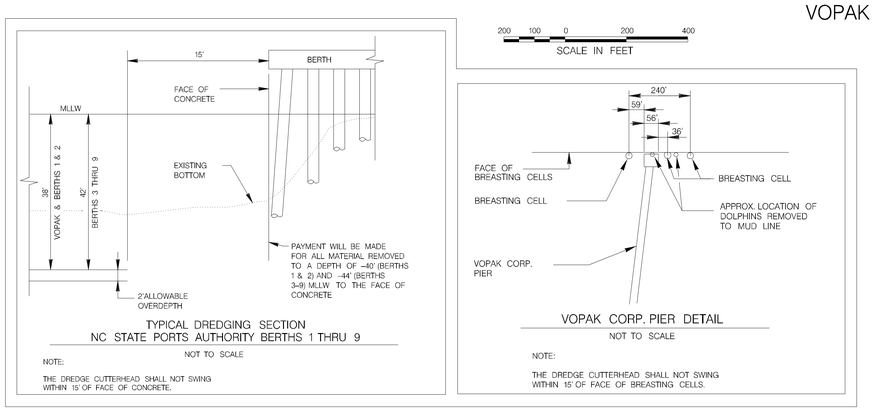

TYPICAL DREDGING SECTION
NC STATE PORTS AUTHORITY BERTHS 1 THRU 9

NOT TO SCALE

NOTE:

THE DREDGE CUTTERHEAD SHALL NOT SWING WITHIN 15' OF FACE OF CONCRETE.

VOPAK CORP. PIER DETAIL

NOT TO SCALE

NOTE:

THE DREDGE CUTTERHEAD SHALL NOT SWING WITHIN 15' OF FACE OF BREASTING CELLS.

NOTES

1. HORIZONTAL DATUM NAD 1983.
2. 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 "J.BUTLER" 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. THESE WAYPOINTS. MAPS AND ASSOCIATED INFORMATION REPRESENT 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.
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. NAVIGATION AIDS LOCATED WITH DISTRICT SURVEY VESSEL. ACCURACY +/- 3 METERS. LATITUDE AND LONGITUDE ARE EXPRESSED IN DEGREES. DECIMAL MINUTES.

DESCRIPTION		EASTING	NORTHING	LATITUDE	LONGITUDE
BCN	A	2314693	168350	34 12.4810191	77 57.5534842

US Army Corps of Engineers
Wilmington District

SYMBOL	DESCRIPTION	DATE	APPROVED	SYMBOL	DESCRIPTION	DATE	APPROVED

SURVEYED BY: M.A.S.
DRAWN BY:
CHECKED BY: J.D.E.
DATE: 3 DEC. 2008
APPROVED BY:
MAP FILE NO.:
WH 105-08-32
SURVEY DATE:
3 DECEMBER 2008
FILE NAME: ANC1203B-1DR
PLOT SCALE: 1: 2400
PLOT DATE: 3 DEC. 2008

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

CONTRACT NO. W912HN-08-C-0051

AFTER DREDGING

WILMINGTON HARBOR, NORTH CAROLINA

ANCHORAGE BASIN

53+00 THRU 58+00

PLATE NUMBER

SHEET OF

.../3009SAJE/WORK0/anc1203B.dgn 12/3/2008 2:43:13 PM