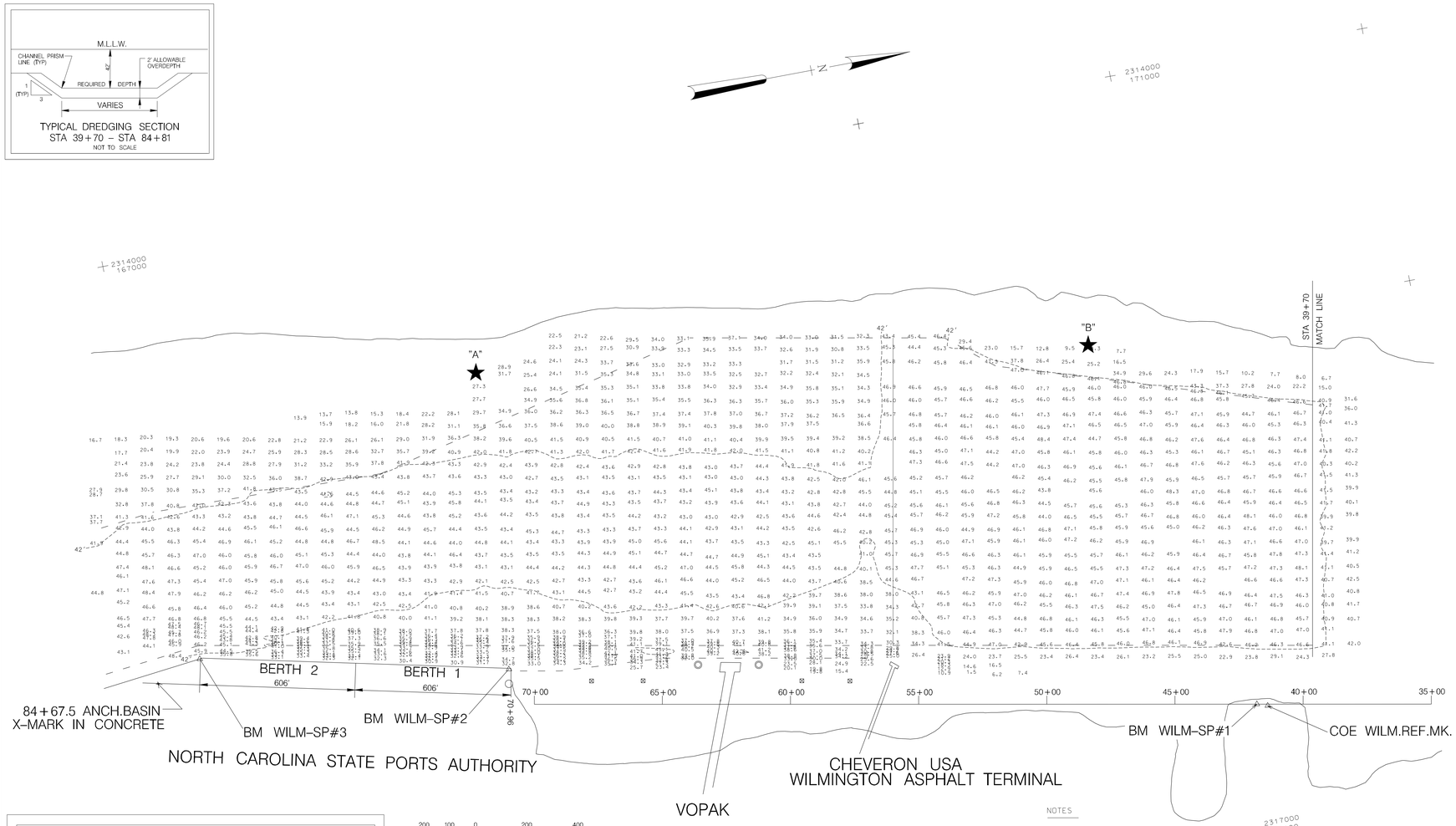

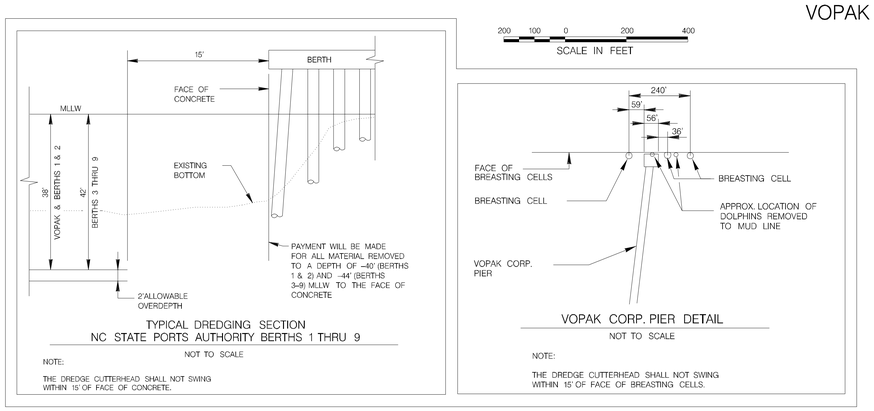

NOTES

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 AND VERTICAL 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	2314677	168351	34 12.48129	77 57.55664
BCN	B	2315015	170719	34 12.87098	77 57.48464

US Army Corps of Engineers
Wilmington District

SYMBOL	DESCRIPTION	DATE	APPROVED	SYMBOL	DESCRIPTION	DATE	APPROVED

SURVEYED BY: M.A.S.
DRAWN BY: J.D.E.
CHECKED BY:
DATE: 17 NOV. 2008
DATUM: NAD 83 LLW NOAA
SURVEY DATE: WN 105-08-84
14 NOVEMBER 2008
FILE NAME: ANC1114B-LOA
PLOT SCALE: 1: 2400

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

39+70 THRU 84+81

PLATE NUMBER

SHEET OF

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