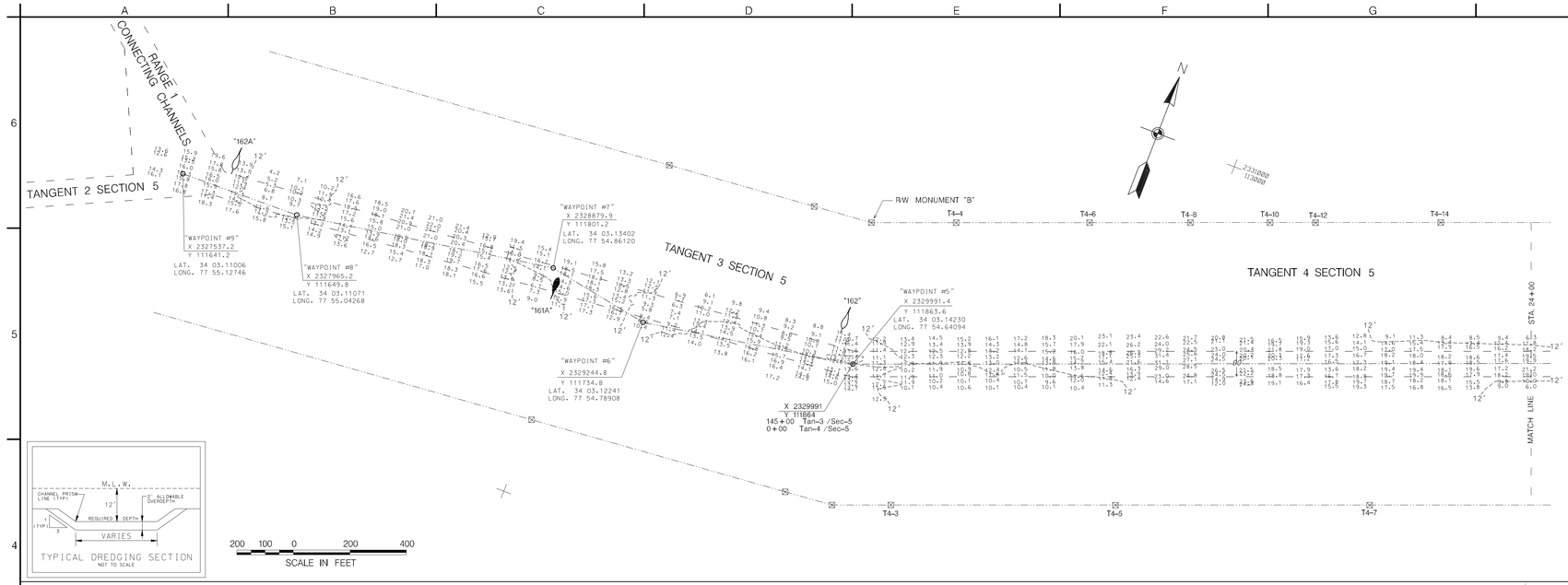
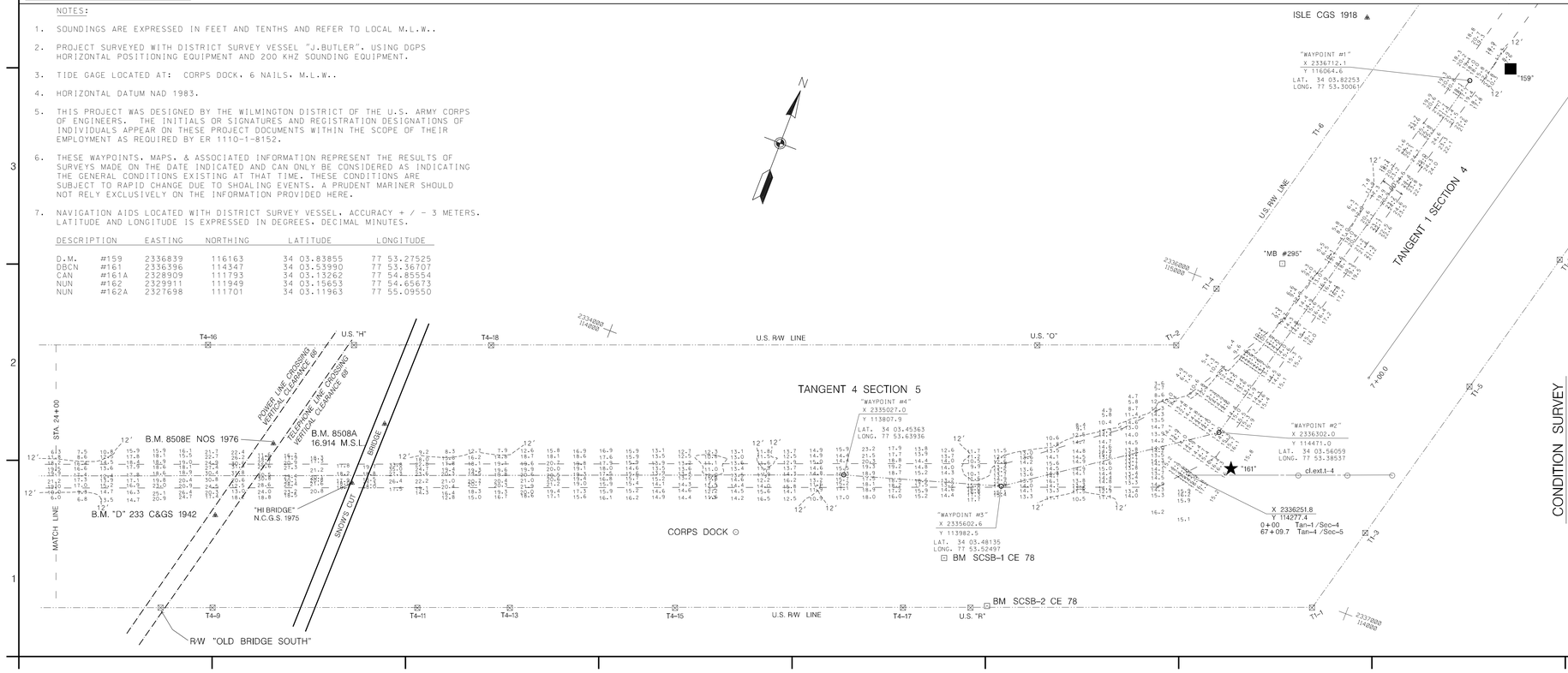


NOTES:

1. SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO LOCAL M.L.W..
2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "J.BUTLER". USING DGPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.
3. TIDE GAGE LOCATED AT: CORPS DOCK. 6 NAILS. M.L.W..
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. THESE WAYPOINTS. MAPS. & ASSOCIATED INFORMATION REPRESENT 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 IS EXPRESSED IN DEGREES. DECIMAL MINUTES.

DESCRIPTION		EASTING	NORTHING	LATITUDE	LONGITUDE
D.M.	#159	2336839	116163	34 03.83855	77 53.27525
DBCN	#161	2336396	114347	34 03.53990	77 53.36707
CAN	#161A	2328909	111793	34 03.13262	77 54.85554
NUN	#162	2329911	111949	34 03.15653	77 54.65673
NUN	#162A	2327698	111701	34 03.11963	77 55.09550



US Army Corps of Engineers
Wilmington District

CONTROLLING DEPTH = 8'					
SYMBOL	DESCRIPTION	DATE	APPROVED	SYMBOL	DESCRIPTION	DATE	APPROVED

APPROVED BY: J. Butler
CHIEF, FIELD INVESTIGATION BRANCH

SURVEYED BY: M.A.S.
DRAWN BY: J.D.E.
CHECKED BY:
SURVEYED: ANVW BFT-CFR 105-09-26
19 SEPTEMBER 2008
DATE: 22 SEPT. 2008
FILE NAME: SND_0919.DGN
PLOT SCALE: 1:2400

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

CONDITION SURVEY

ATLANTIC INTRACOASTAL WATERWAY
BETWEEN
NORFOLK, VA. AND THE ST. JOHNS RIVER, FLA. (WILMINGTON DISTRICT)

TANGENT 1 SECTION 4
TANGENT 4 & 4A SECTION 5
(SNOW'S CUT)

PLATE NUMBER

SHEET ___ OF

.../30098AJE/WORK0/sno_0919.dgn 9/23/2008 2:21:53 PM