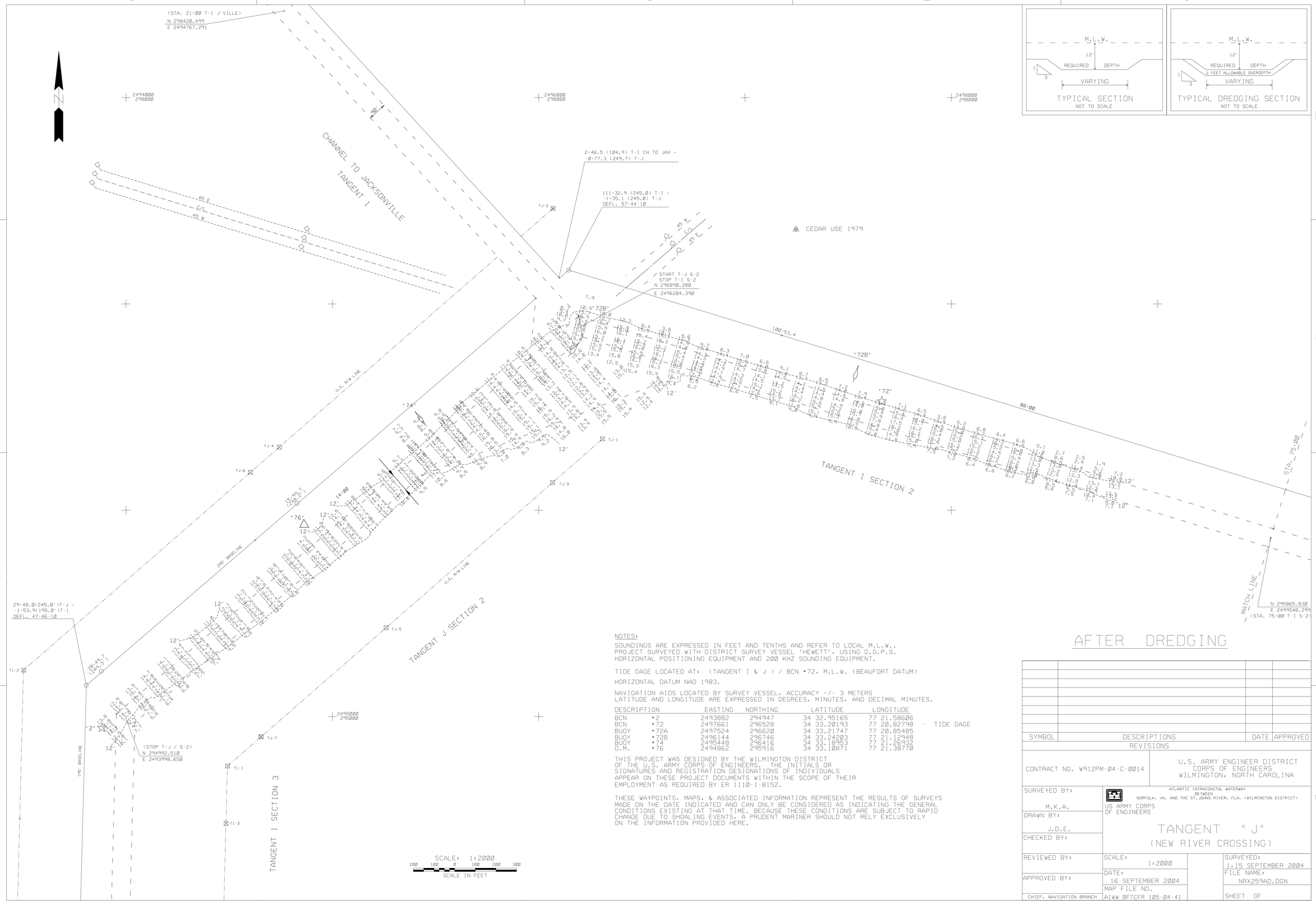

NOTES:

SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO LOCAL M.L.W..
PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL 'HEWETT', USING D.G.P.S.
HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.

TIDE GAGE LOCATED AT: (TANGENT I & J) / BCN #72. M.L.W. (BEAUFORT DATUM)

HORIZONTAL DATUM NAD 1983.

NAVIGATION AIDS LOCATED BY SURVEY VESSEL. ACCURACY +/- 3 METERS
LATITUDE AND LONGITUDE ARE EXPRESSED IN DEGREES, MINUTES, AND DECIMAL MINUTES.

DESCRIPTION		EASTING	NORTHING	LATITUDE	LONGITUDE	
BCN	#2	2493882	294947	34 32.95165	77 21.58606	
BCN	#72	2497661	296528	34 33.20193	77 20.82798	- TIDE GAGE
BUOY	#72A	2497524	296620	34 33.21747	77 20.85485	
BUOY	#72B	2496144	296746	34 33.24203	77 21.12948	
BUOY	#74	2495448	296416	34 33.18953	77 21.26932	
D.M.	#76	2494862	295916	34 33.10871	77 21.38770	

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.

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. BECAUSE THESE CONDITIONS ARE SUBJECT TO RAPID CHANGE DUE TO SHOALING EVENTS. A PRUDENT MARINER SHOULD NOT RELY EXCLUSIVELY ON THE INFORMATION PROVIDED HERE.

AFTER DREDGING

SYMBOL	DESCRIPTIONS	DATE	APPROVED
	REVISIONS		

CONTRACT NO. W912PM-04-C-0014

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

SURVEYED BY: M.K.A.
DRAWN BY: J.D.E.
CHECKED BY:
REVIEWED BY:
APPROVED BY:
CHIEF, NAVIGATION BRANCH

US ARMY CORPS OF ENGINEERS

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

TANGENT " J"
(NEW RIVER CROSSING)

SCALE: 1:2000
DATE: 16 SEPTEMBER 2004
MAP FILE NO. AIWW BFTCFR 105-04-41

SURVEYED: 1,15 SEPTEMBER 2004
FILE NAME: NRX259AD.DGN
SHEET OF

AIWW/BFTCFR/2004/NRX259AD.CO/.DGN/T1S2_259.XST, TJS2_259.XST

.../30098AJE/WORKAREA/nrx259ad.dgn 09/16/2004 08:36:44 AM