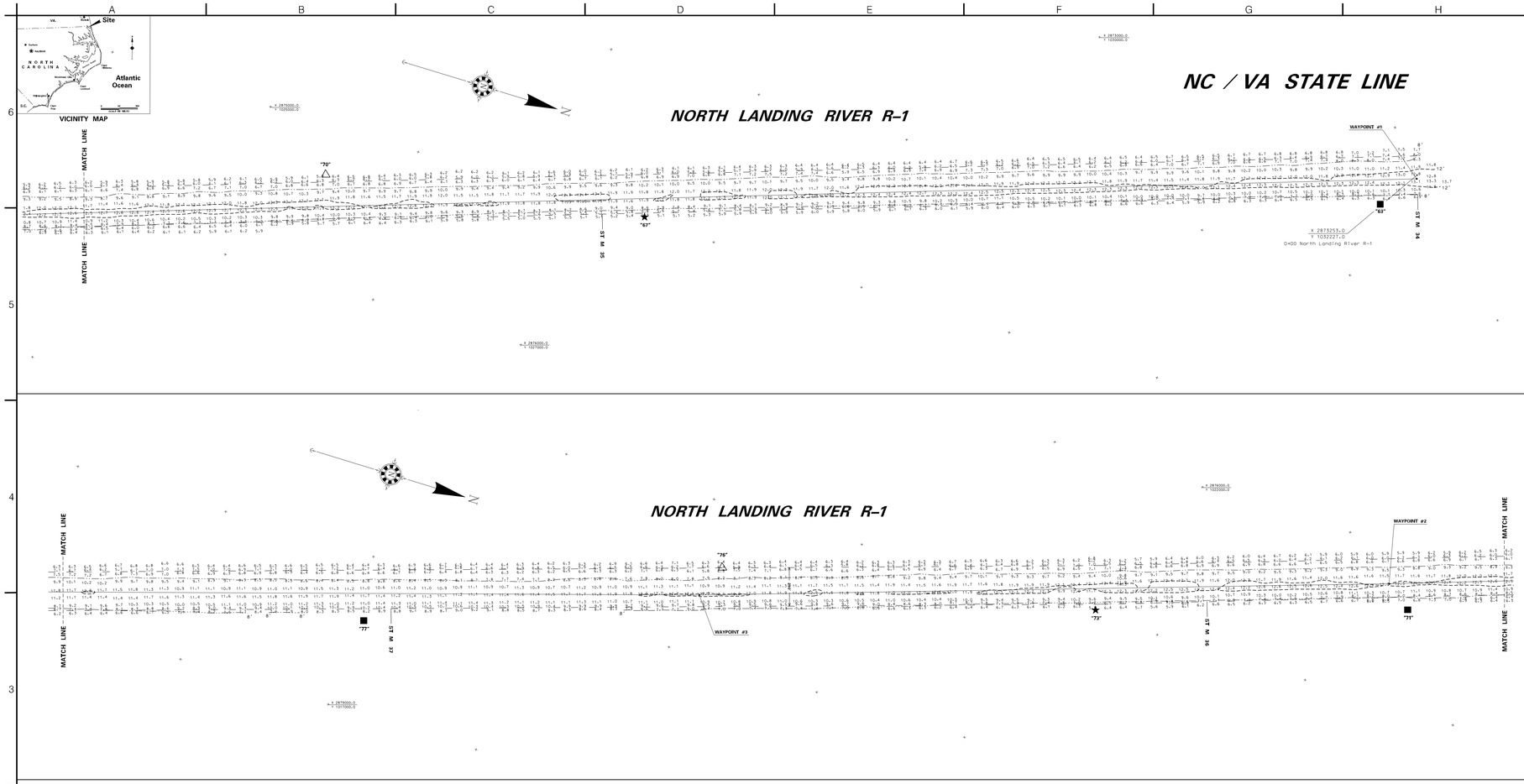

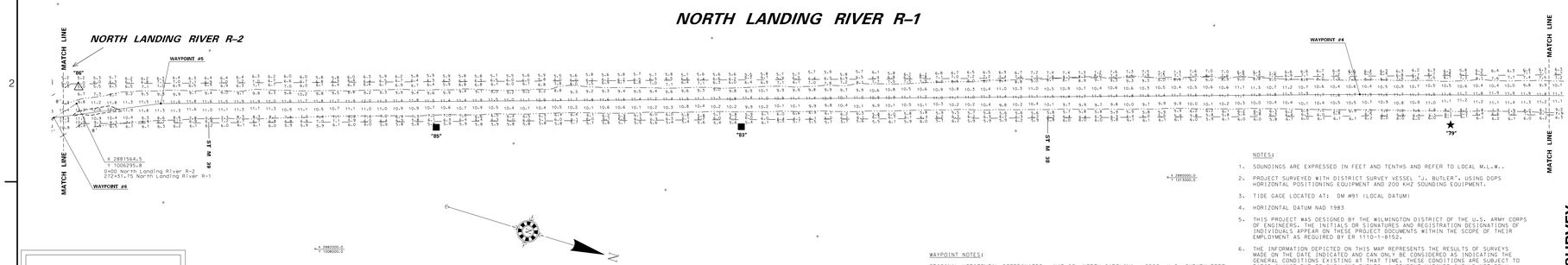

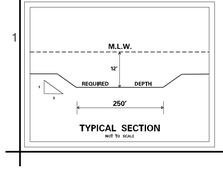

TYPICAL SECTION
not to scale

SCALE: 1:4000

800 600 400 200 0 400 800

SCALE IN FEET

WAYPOINT NOTES:

ORIGINAL HORIZONTAL COORDINATES: NAD 83, NORTH CAROLINA - 3200, U.S. SURVEY FEET
TRANSLATED HORIZONTAL COORDINATES: NAD 83 GEOGRAPHIC

WAYPOINT #	EASTING	NORTHING	LATITUDE	LONGITUDE
WAYPOINT #1	2873276.969	1032231.887	36 33.0030765	76 01.6214520
WAYPOINT #2	2876244.322	1023337.594	36 31.5234472	76 01.0702556
WAYPOINT #3	2877620.148	1019089.549	36 30.8169381	76 00.8155685
WAYPOINT #4	2879147.142	1014003.211	36 29.9715890	76 00.5352701
WAYPOINT #5	2881409.232	1006802.501	36 28.7743028	76 00.1181578
WAYPOINT #6	2881691.450	1006184.350	36 28.6710810	76 00.0644065

NOTE: 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.

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: DM #91 (LOCAL DATUM)
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 BY DISTRICT SURVEY VESSEL, ACCURACY +/- 3 METERS. LATITUDE AND LONGITUDE IS EXPRESSED IN DEGREES, DECIMAL MINUTES.

DESCRIPTION	EASTING	NORTHING	LATITUDE	LONGITUDE
DM # 63	2873503.10	1032051.48	36 32.9722462	76 01.5763929
BCN # 67	2874974.54	1027524.58	36 32.2193618	76 01.3037470
DM # 70	2875314.06	1025469.06	36 31.8791212	76 01.2470433
DM # 71	2876369.72	1023501.55	36 31.5498316	76 01.0436590
BCN # 73	2876963.96	1021571.45	36 31.2289833	76 00.9342326
DM # 76	2877405.73	1019179.60	36 30.8328331	76 00.8587672
DM # 77	2878414.54	1017059.59	36 30.4786446	76 00.6659907
BCN # 79	2879163.98	1014606.31	36 30.0708426	76 00.5281265
DM # 83	2880479.86	1010338.49	36 29.3613462	76 00.2859459
DM # 85	2881044.45	1008503.20	36 29.0562441	76 00.1820836
DM # 86	2881461.14	1006276.27	36 28.6873676	76 00.1108132

US Army Corps of Engineers
Wilmington District

SYMBOL	DESCRIPTION	DATE	APPROVED	SYMBOL	DESCRIPTION	DATE	APPROVED

CONTROLLING DEPTH = 9.0'

SURVEYED BY: MAA, BB
DRAWN BY: MSA
CHECKED BY:
DATE: 14 NOV. 2008

APPROVED BY:
MAP FILE #: NORBERT_Sitrdlin-2
SURVEY DATE: 30 OCTOBER 2008
FILE NAME: nlr1030rics.dgn
PLOT SCALE: 1 : 4000

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

CONDITION SURVEY

AIWW - Norfolk, VA to Beaufort, NC

North Landing River Channel Range 1

PLATE NUMBER

SHEET ___ OF

.../nlr1030rics.dgn 11/19/2008 3:43:11 PM