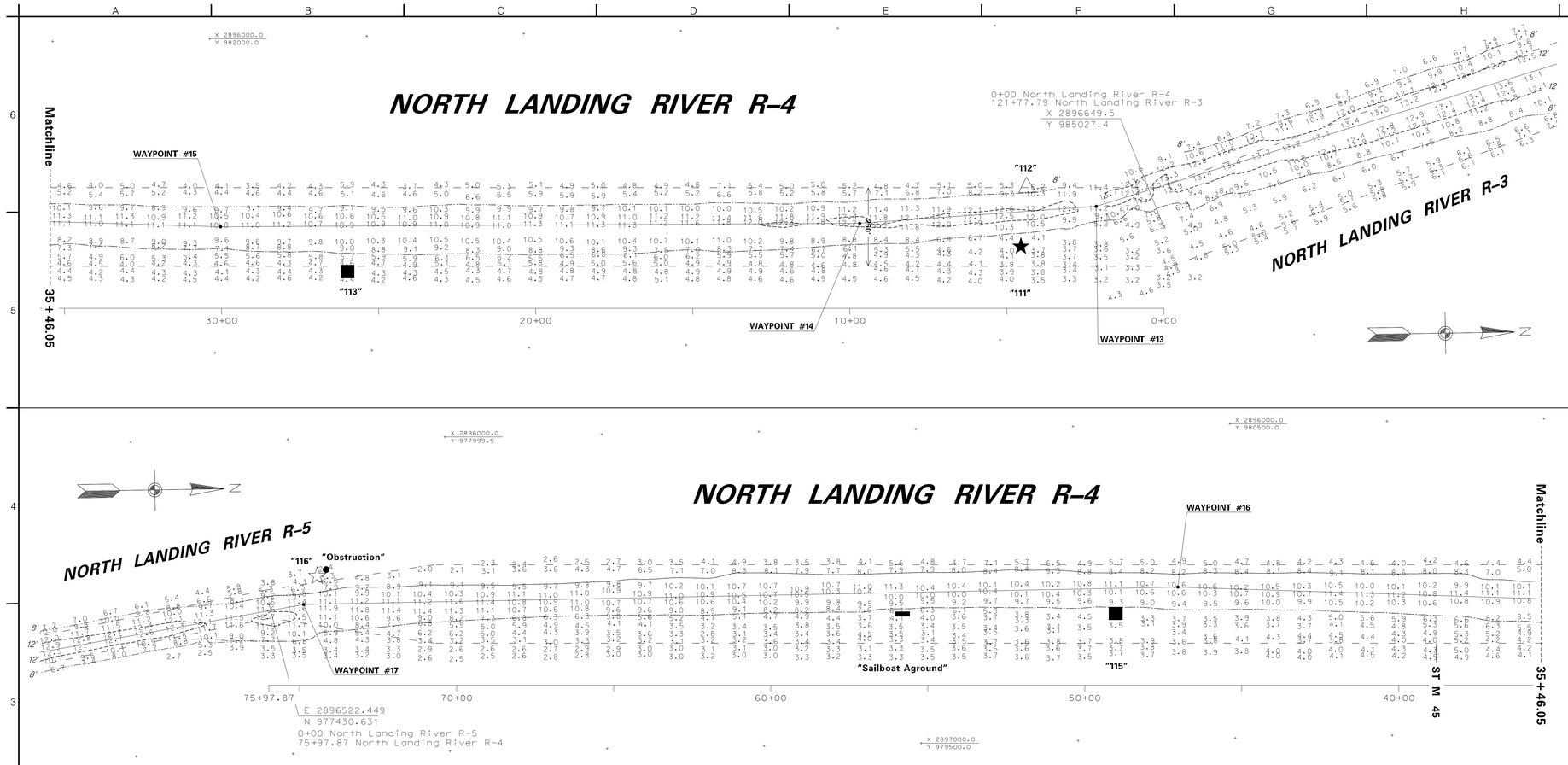


NOTES:

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: MB #45 (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
BCN_111	2896715.77	984570.18	36 25.0355263	75 57.1355372
DM_112	2896516.27	984593.77	36 25.0404210	75 57.1760475
DM_113	2896770.16	982425.81	36 24.6820392	75 57.1378738
DM_115	2896619.19	980125.88	36 24.3039665	75 57.1830293
BCN_116	2896435.75	977585.42	36 23.8864369	75 57.2362977
Obstruction	2896416.01	977614.96	36 23.8914025	75 57.2401350
Sailboat Aground	2896587.81	979446.76	36 24.1922627	75 57.1936720

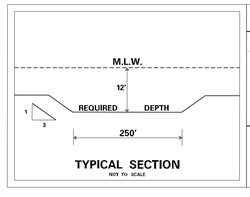
WAYPOINT NOTES:

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

WAYPOINT #	EASTING	NORTHING	LATITUDE	LONGITUDE
WAYPOINT #13	2896580.694	984812.954	36 25.0761982	75 57.1615463
WAYPOINT #14	2896622.037	984059.300	36 24.9518504	75 57.1578370
WAYPOINT #15	2896599.124	982024.054	36 24.6167286	75 57.1752420
WAYPOINT #16	2896516.526	980325.488	36 24.3373644	75 57.2027002
WAYPOINT #17	2896525.705	977541.443	36 23.8787383	75 57.2182445

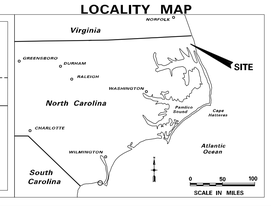
NOTE: THESE WAYPOINTS, MAPS, & ASSOCIATED INFORMATION REPRESENT THE RESULTS OF SURVEYS MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME. THESE CONDITIONS ARE SUBJECT TO RAPID CHANGE DUE TO SHOALING EVENTS. A PRUDENT MARINER SHOULD NOT RELY EXCLUSIVELY ON THE INFORMATION PROVIDED HERE.

2000 1000 0 2000 4000
SCALE IN FEET



TYPICAL SECTION
NOT TO SCALE

LOCALITY MAP



US Army Corps of Engineers
Wilmington District

CONTROLLING DEPTH = 8.0'

SYMBOL	DESCRIPTION	DATE	APPROVED	SYMBOL	DESCRIPTION	DATE	APPROVED

SURVEYED BY: M.S.,SBD
DRAWN BY: MSA
CHECKED BY: MSA
DATE: 20 NOV 2008
APPROVED BY: Michael S. Bradshaw, Supervisor Hydrographic Surveyor
MAP FILE #: NORBT 105-06-3
SURVEY DATE: 29 OCTOBER 2008
FILE NAME: nlr1029r4cs.dgn
PLOT SCALE: 1 : 2000

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

CONDITION SURVEY

U.S. ARMY ENGINEER DISTRICT

NORTH LANDING RIVER RANGE 4

PLATE NUMBER

SHEET ___ OF

.../nlr1029r4cs.dgn 11/20/2008 7:58:44 AM