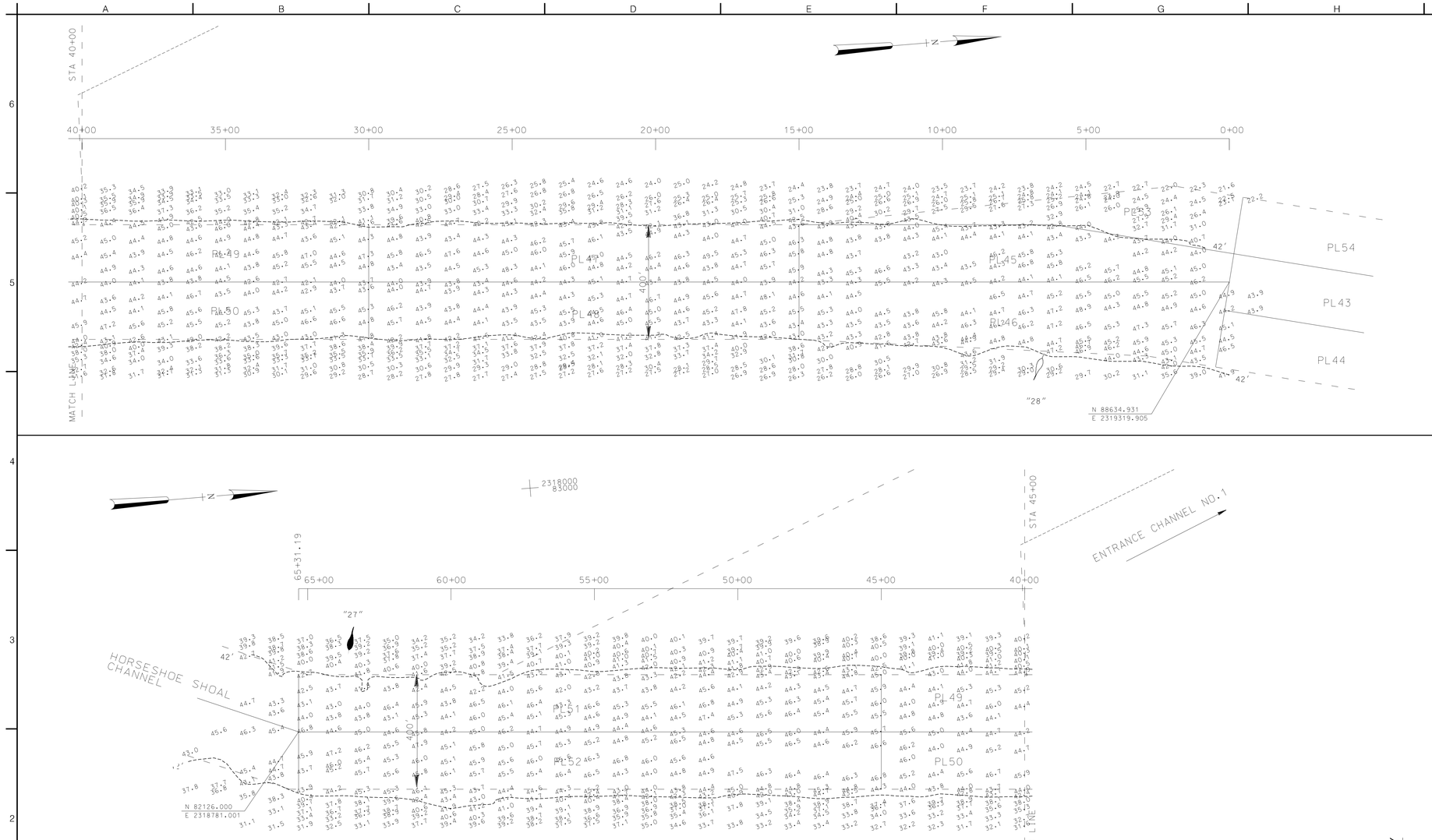

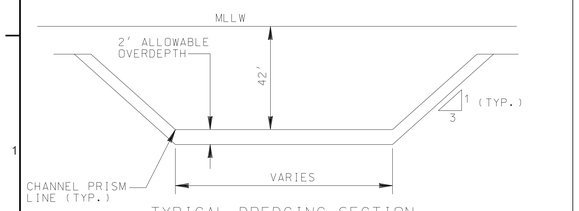

TYPICAL DREDGING SECTION
NOT TO SCALE

NOTES:

HORIZONTAL DATUM NAD 1983.

SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW).

PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL " GILLETTE " USING RTK DGPS FOR HORIZONTAL AND VERTICAL POSITIONING EQUIPMENT AND 28 KHZ SOUNDING EQUIPMENT.

GPS REFERENCE TIDE GAGE LOCATED AT: SPLIT RANGE REAVES POINT. USE OF TIDES VALUES FOR THIS GAGE ARE RESTRICTED TO QUALITY ASSURANCE 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 UNAVAILABLE AT THAT TIME.

THE INITIALS OR SIGNATURES AND REGISTRATION DESIGNATIONS OF INDIVIDUALS APPEAR ON THESE THIS MAP WAS DESIGNED BY THE WILMINGTON DISTRICT OF THE U.S. ARMY CORPS OF ENGINEERS 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 ECLUSIVELY ON THE INFORMATION PROVIDED HERE.

NAVIGATION AIDS LOCATED WITH DISTRICT SURVEY VESSEL. ACCURACY PLUS / MINUS 3 METERS. LATITUDE AND LONGITUDE ARE EXPRESSED IN DEGREES, MINUTES AND DECIMAL MINUTES.

DESCRIPTION	EASTING	NORTHING	LATITUDE	LONGITUDE
LT.BUOY 28	2319514	88078	33 59.23999	77 56.76598
LT.BUOY 27	2318580	82408	33 58.30696	77 56.96268
LT.BUOY 29	2319292	89253	33 59.43408	77 56.80744

SCALE: 1:2000
200 100 0 100 200 300
SCALE IN FEET

US Army Corps of Engineers
Wilmington District

SYMBOL	DESCRIPTION	DATE	APPROVED

SURVEYED BY: MAS
DRAWN BY: EVH
CHECKED BY:
REVIEWED BY:
DATE: 20 OCT 2004
APPROVED BY:
CHIEF, NAVIGATION BRANCH
MAP FILE NO. WH 105-04-132
SURVEYED: 20 OCTOBER 2004
FILE NAME: RPT1020.DGN
SCALE 1:2000

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

WILMINGTON HARBOR, NC

REAVES POINT CHANNEL

PLATE NUMBER

SHEET OF

CONDITION SURVEY

.../3009SAEH/WILHBR/rpt1020.dgn 10/20/2004 03:48:53 PM