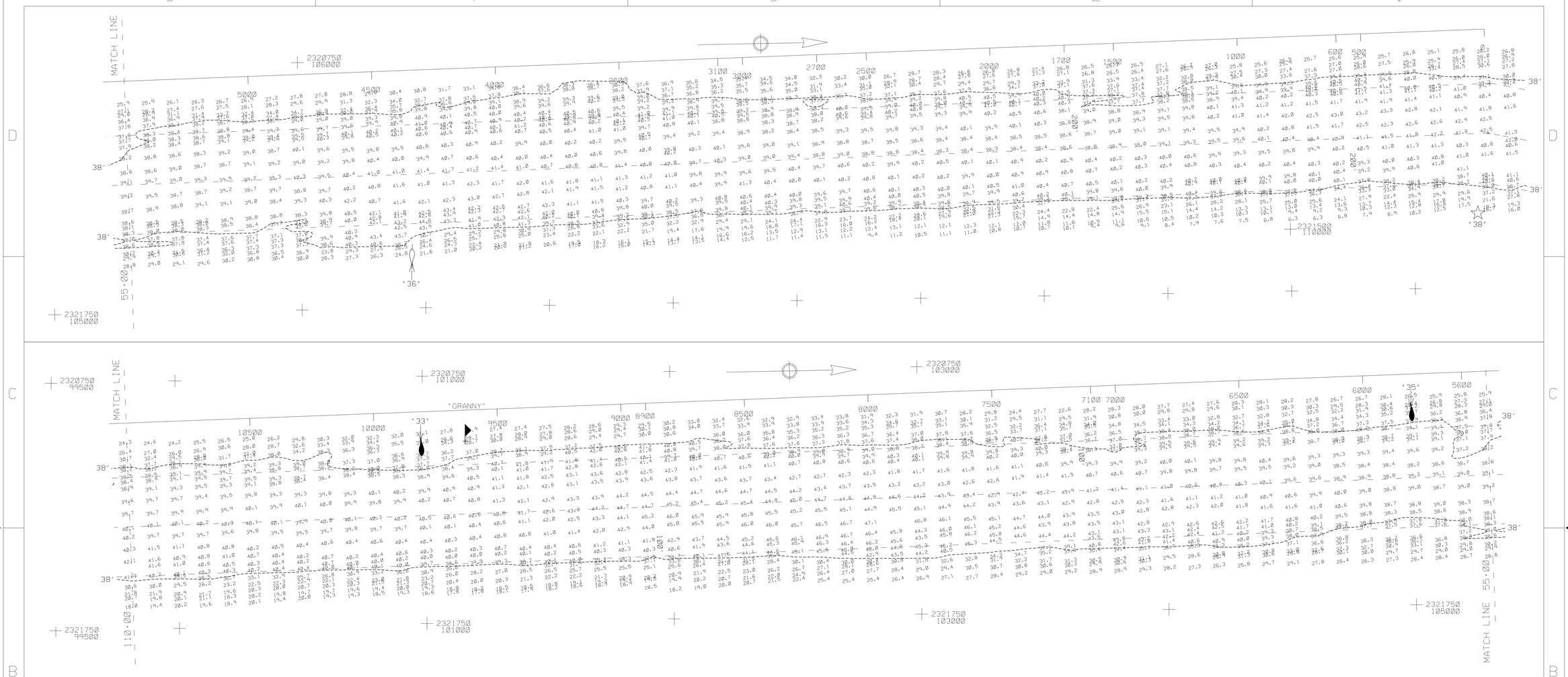

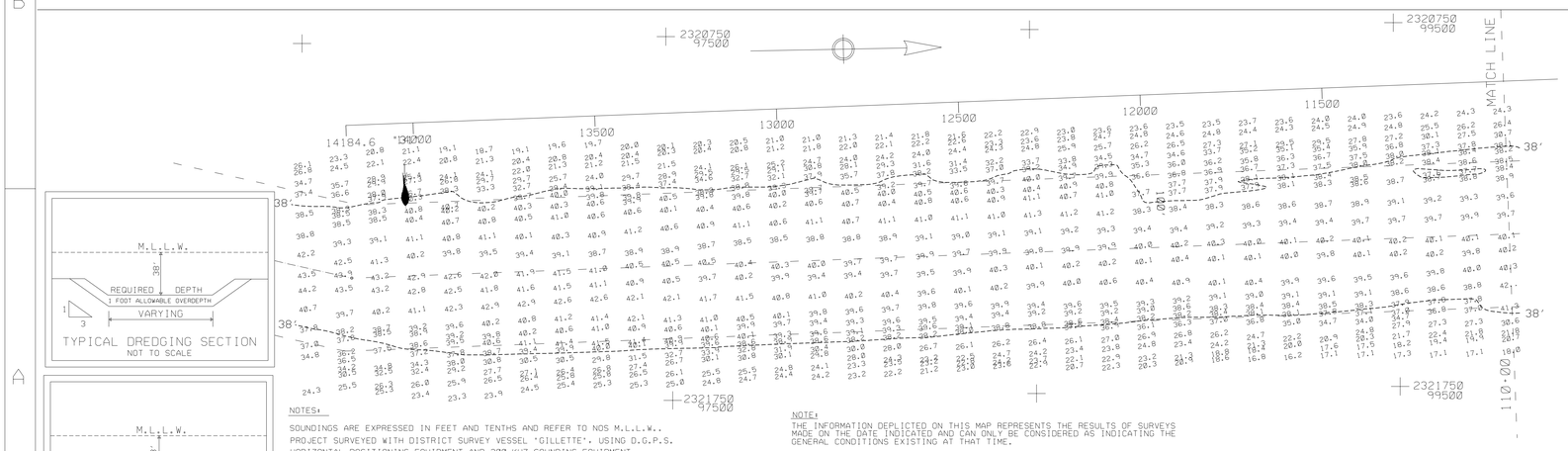

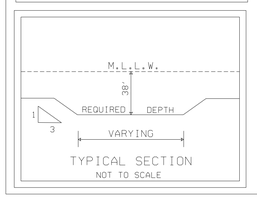

NOTES:

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

TIDE GAGE LOCATED AT: MILE MARKER •300. M.L.L.W...

HORIZONTAL DATUM NAD 1983.

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 WITH THE SCOPE OF THEIR EMPLOYMENT AS REQUIRED BY ER 1110-1-8152.

NOTE:
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.

NAVIGATION AIDS LOCATED WITH SURVEY VESSEL. ACCURACY +/- 3 METERS.

LT. BUOY	• 31	2321218	96777
LT. BUOY	• 33	2321089	100993
LT. BUOY	• 35	2321011	104990
LT. BUOY	• 36	2321493	106450
DBON	• 38	2321448	110758
▶ - GRANNY (SUNK BOAT)		2321028	101168

NOTE:
THIS MAP SHOWS CONDITION OF CHANNEL AFTER DREDGING BY THE DREDGE 'CHEROKEE', SOUTHERN DREDGING CO., DURING THE PERIOD 19 JANUARY THRU 8 FEBRUARY 2001.

FOR CONDITION OF CHANNEL PRIOR TO DREDGING SEE MAP FILE NO. WH 105-00-107 DATED 18 DECEMBER 2000.

AFTER DREDGING

SYMBOL	DESCRIPTIONS	DATE	APPROVED
	REVISIONS		

CONTRACT NO. DACW54-00-C-0011

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

SURVEYED BY: W.W.W.
DRAWN BY: J.D.E.
CHECKED BY:
REVIEWED BY:
APPROVED BY:
CHIEF, NAVIGATION BRANCH

WILMINGTON HARBOR, NORTH CAROLINA
US ARMY CORPS OF ENGINEERS

UPPER MIDNIGHT CHANNEL

SCALE: 1 : 2000
DATE: 12 FEBRUARY 2001
MAP FILE NO. WH 105-01-11
PLATE NUMBER:
SURVEYED: 10 FEBRUARY 2001
SHEET OF

/WILHBR/2001/UMI041AD.CO/.XST/.DGN

.../wilhbr/2001/umid/umi041ad.dgn Jul. 24, 2001 13:04:53