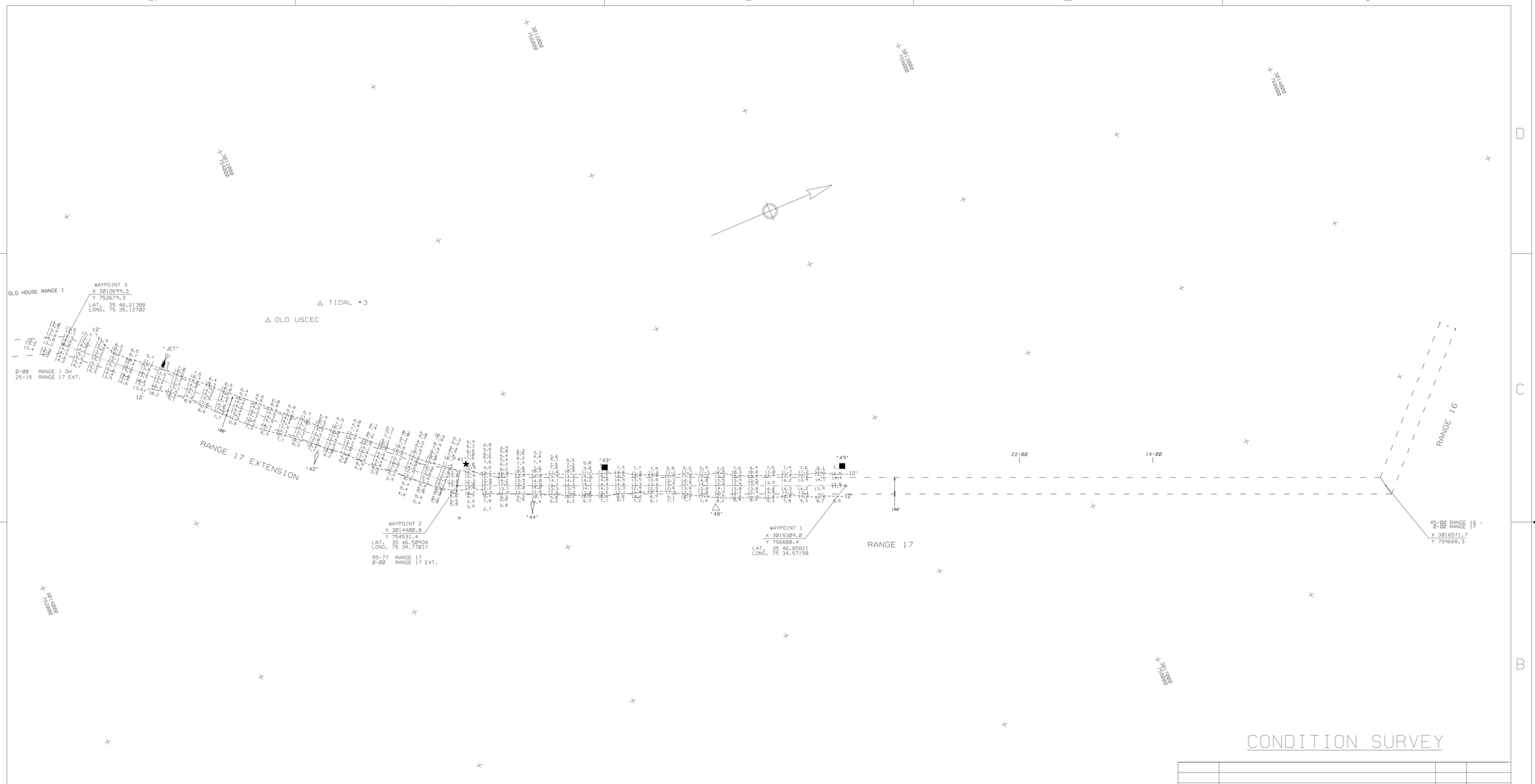

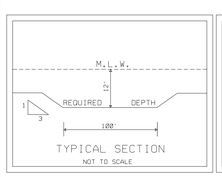

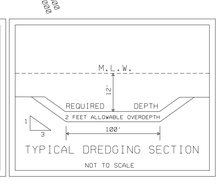

SCALE: 1:3000

500 400 300 200 100 0 500

SCALE IN FEET

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: DBCN •52. (LOCAL DATUM).

HORIZONTAL DATUM NAD 1983.

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

DESCRIPTION		EASTING	NORTHING	LATITUDE	LONGITUDE
BCN	•41	3014303	754622	35 46.52481	75 34.78924
NUN	•42	3013876	753848	35 46.39967	75 34.88110
D.M.	•43	3014651	755369	35 46.64590	75 34.71368
NUN	•44	3014645	754919	35 46.57187	75 34.71806
D.M.	•48	3015126	755899	35 46.73045	75 34.61394
D.M.	•49	3015191	756693	35 46.86100	75 34.59535
LT.BUOY	JCT	3013066	753168	35 46.29229	75 35.04944

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.

CONDITION SURVEY

CONTROLLING DEPTH : 12'

SYMBOL	DESCRIPTIONS	DATE	APPROVED

REVISIONS

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

MANTEO (SHALLOWBAG BAY), NORTH CAROLINA

US ARMY CORPS OF ENGINEERS

RANGE17 AND RANGE 17 EXTENSION

SURVEYED BY: B.L.H.
DRAWN BY: J.D.E.
CHECKED BY:
REVIEWED BY:
APPROVED BY:
CHIEF, NAVIGATION BRANCH

SCALE: 1 : 3000
DATE: 26 AUGUST 2004
MAP FILE NO. MB 105-04-62
PLATE NUMBER:
SURVEYED: 25 AUGUST 2004
FILE NAME: R17CS238.DGN
SHEET OF

MANTEO/2004/R17/R17CS238.CO/.XST/.DGN/R17X238.XST

.../Range 17&17x/r17cs238.dgn 08/27/2004 12:00:29 PM