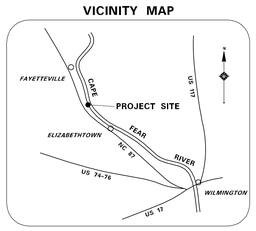

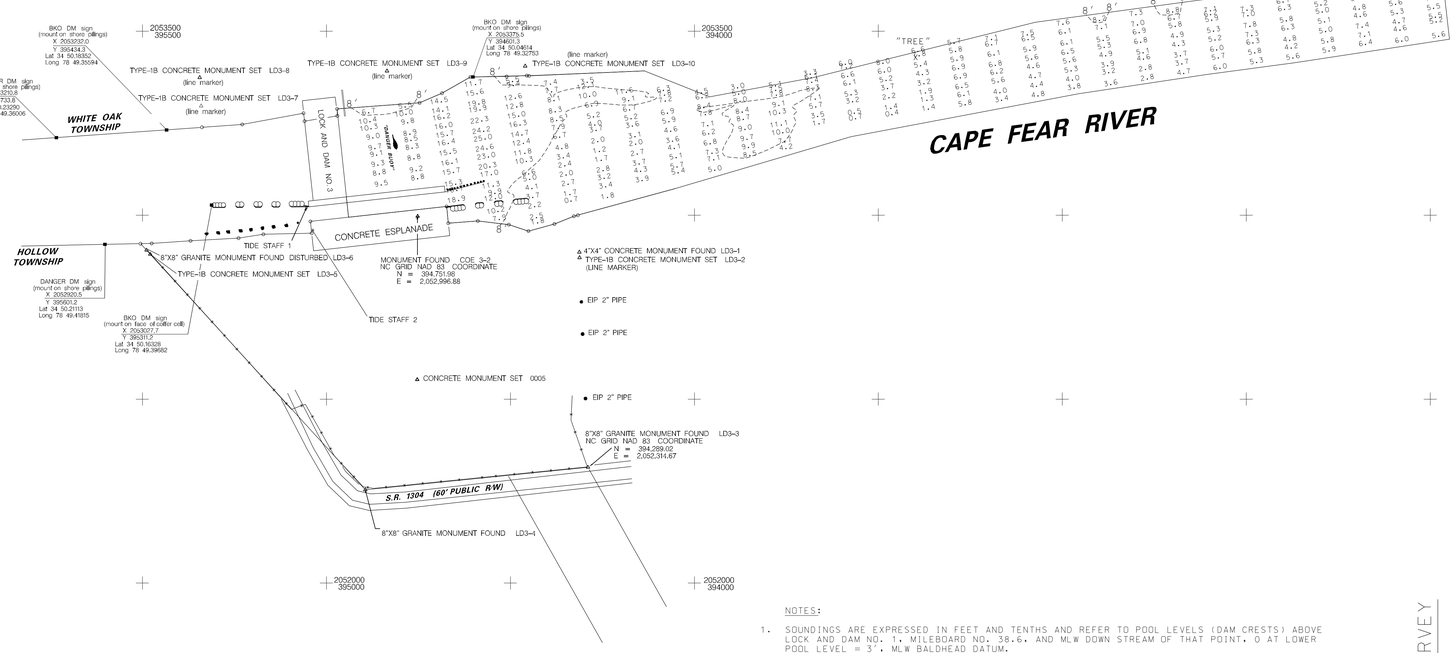

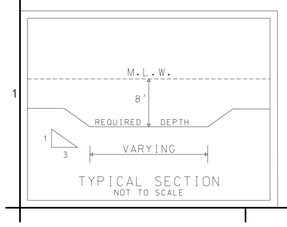

SCALE: 1 : 2000

200 100 0 100 200 300

SCALE IN FEET

NOTES:

1. SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO POOL LEVELS (DAM CRESTS) ABOVE LOCK AND DAM NO. 1. MILEBOARD NO. 38.6. AND MLW DOWN STREAM OF THAT POINT. 0 AT LOWER POOL LEVEL = 3'. MLW BALDHEAD DATUM.

2. PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "SKIMMER" USING DGPS HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.

3. TIDE GAGE LOCATED AT: LOWER POOL. (BALDHEAD DATUM).

   LOCK & DAM NO. 3 (CHAMBER = 40' 300')
   + 23.0' ON LOWER POOL GAGE = LOWER POOL LOW WATER DATUM.
   + 32.0' ON UPPER POOL GAGE = ELEV. CREST OF DAM.

4. 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 RESULT OF SURVEYS MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

7. NAVIGATION AIDS LOCATED WITH DISTRICT VESSEL. ACCURACY +/- 3 METERS. LATITUDE AND LONGITUDE ARE EXPRESSED IN DEGREES DECIMAL MINUTES.

DESCRIPTION	EASTING	NORTHING	LATITUDE	LONGITUDE
DANGER BUOY	2053171	394807	34 50.0800637	78 49.3683583

8. ALL DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES EXCEPT AS NOTED. GRID FACTOR IS 0.999902504.

9. NC GRID NAD 83 COORDINATES FOR COE 0005 AND COE 3-2 OBTAINED GPS REPORT TITLED "CORPS OF ENGINEERS - U.S. ARMY LOCK AND DAM NUMBER 1. 2. AND 3 CAPE FEAR RIVER" BY CONCORD ENGINEERING AND SURVEYING. INC. DATED 8-9-94 (CES) JOB NO. 94-07-061.

CONDITION SURVEY

US Army Corps of Engineers
Wilmington District

SYMBOL	DESCRIPTION	DATE	APPROVED	SYMBOL	DESCRIPTION	DATE	APPROVED

SURVEYED BY: M.K.A.
DRAWN BY: J.D.E.
CHECKED BY:
DATE: 26 NOV. 2008

APPROVED BY: [signature]
CHIEF, SURVEY & MAPPING BRANCH
MAP FILE NO.:
SURVEY DATE: CFA 105-08-8, 25 NOVEMBER 2008
FILE NAME: LD3_1125.DGN
PLOT SCALE: 1:2000

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

CAPE FEAR RIVER ABOVE WILMINGTON

LOCK & DAM NO. 3

PLATE NUMBER

SHEET __ OF __

.../3009SAJE/WORK0/ld3_1125.dgn 11/26/2008 8:04:05 AM