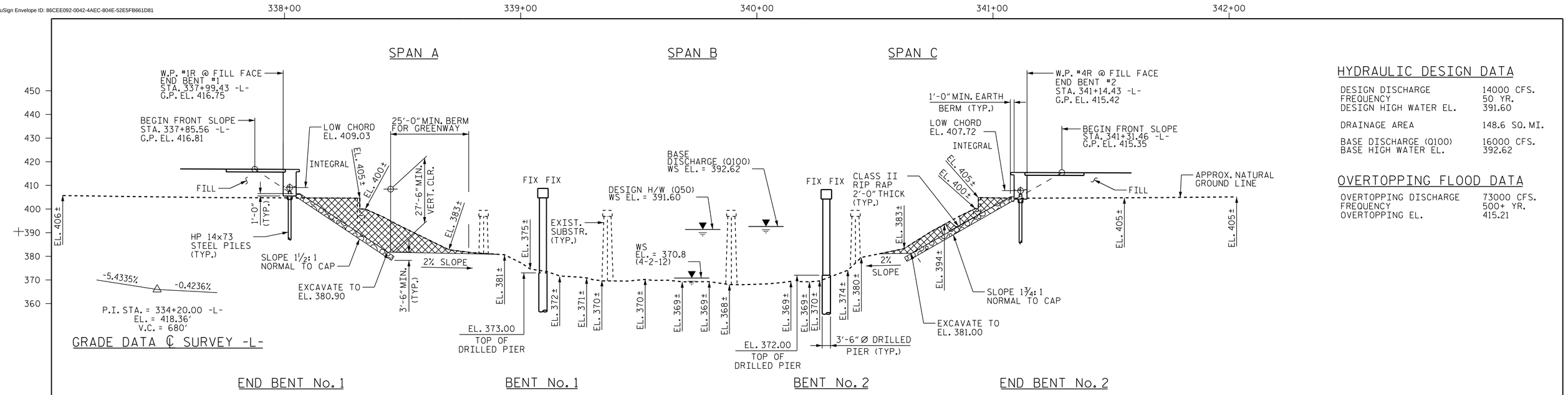
DocuSign Envelope ID: 86CEE092-0042-4AEC-804E-52E5FB661D81



SECTION ALONG GRADE LINE -EBL-

SECTIONS @ BENTS AND END BENTS ARE @ RIGHT ANGLES

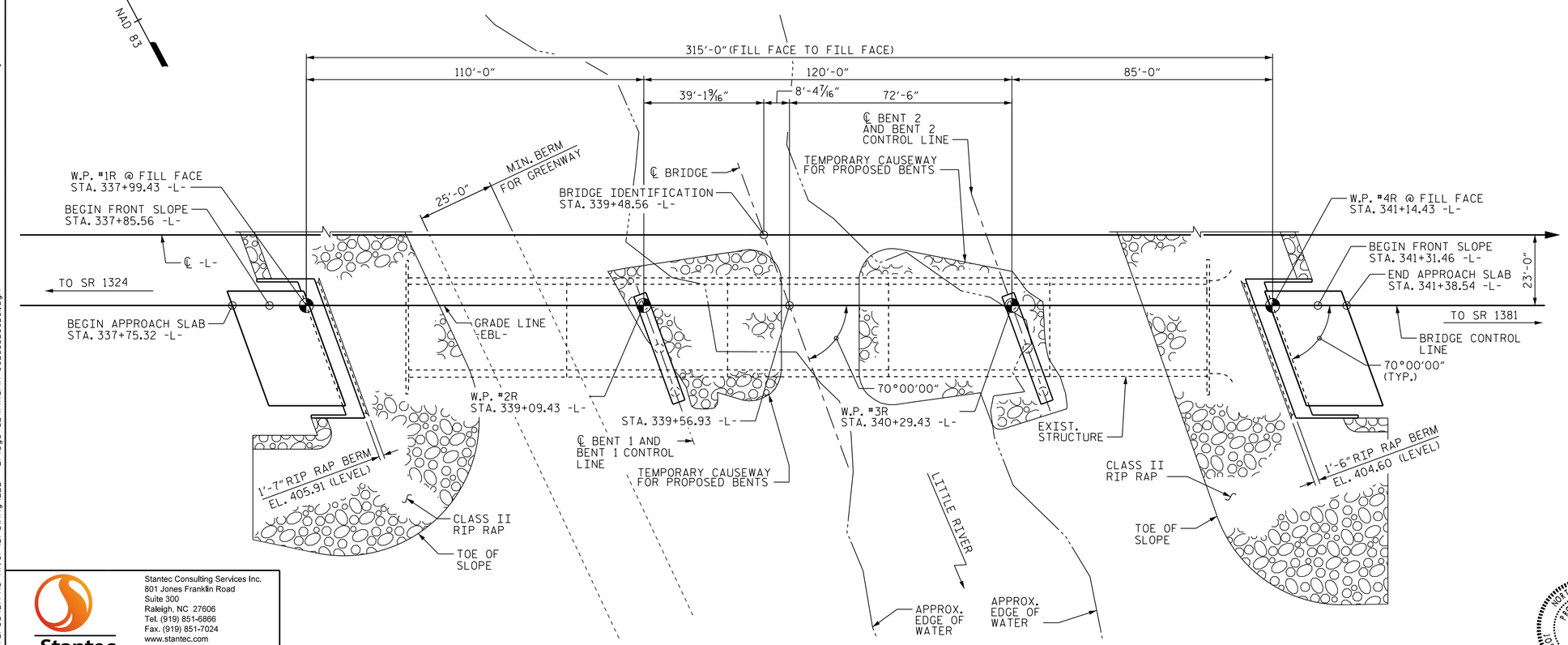
DENOTES UNCLASSIFIED EXCAVATION

HYDRAULIC DESIGN DATA

DESIGN DISCHARGE	14000 CFS.
FREQUENCY	50 YR.
DESIGN HIGH WATER EL.	391.60
DRAINAGE AREA	148.6 SQ. MI.
BASE DISCHARGE (Q100)	16000 CFS.
BASE HIGH WATER EL.	392.62

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE	73000 CFS.
FREQUENCY	500+ YR.
OVERTOPPING EL.	415.21



PLAN ALONG -EBL-

PILES NOT SHOWN IN PLAN VIEW

I HEREBY CERTIFY THESE ARE THE AS-BUILT PLANS

PROJECT NO. R-0623

MONTGOMERY COUNTY

STATION: 339+48.56 -L-

SHEET 1 OF 3 REPLACES BRIDGE NO. 32

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

FOR BRIDGE ON NC 24/27 BYPASS EBL
OVER LITTLE RIVER
BETWEEN SR 1324 AND SR 1381

(EBL)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-123
1			3			TOTAL SHEETS
2			4			162

NORTH CAROLINA PROFESSIONAL SEAL 13406 ENGINEER JOSEPH T. KELVINGTON

DocuSigned by: Joseph T. Kelvington 8/18/2014
847C9D3780774AF...

Stantec Consulting Services Inc.
801 Jones Franklin Road
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Fax. (919) 851-7024
www.stantec.com
License No. F-0672

DRAWN BY : J. L. HENNEKES	DATE : 09-20-13	DESIGN ENGINEER OF RECORD: J. T. KELVINGTON	DATE : 04-01-14
CHECKED BY : J. T. KELVINGTON	DATE : 03-21-14		

U:\Structures\Little River\Drawing\EBL - Bridge 32\Final\R-0623_SD_GD_1.dgn 8/13/2014 1:06:15 PM jhennekes

STR. #4