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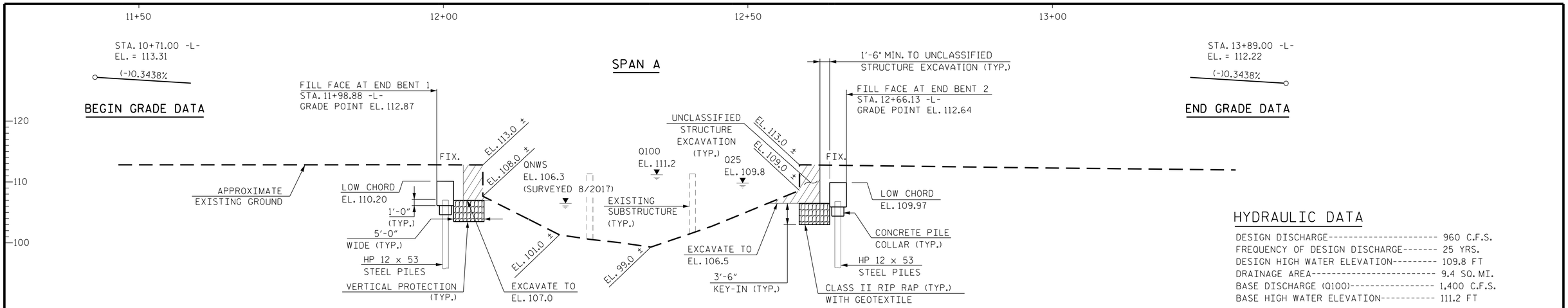


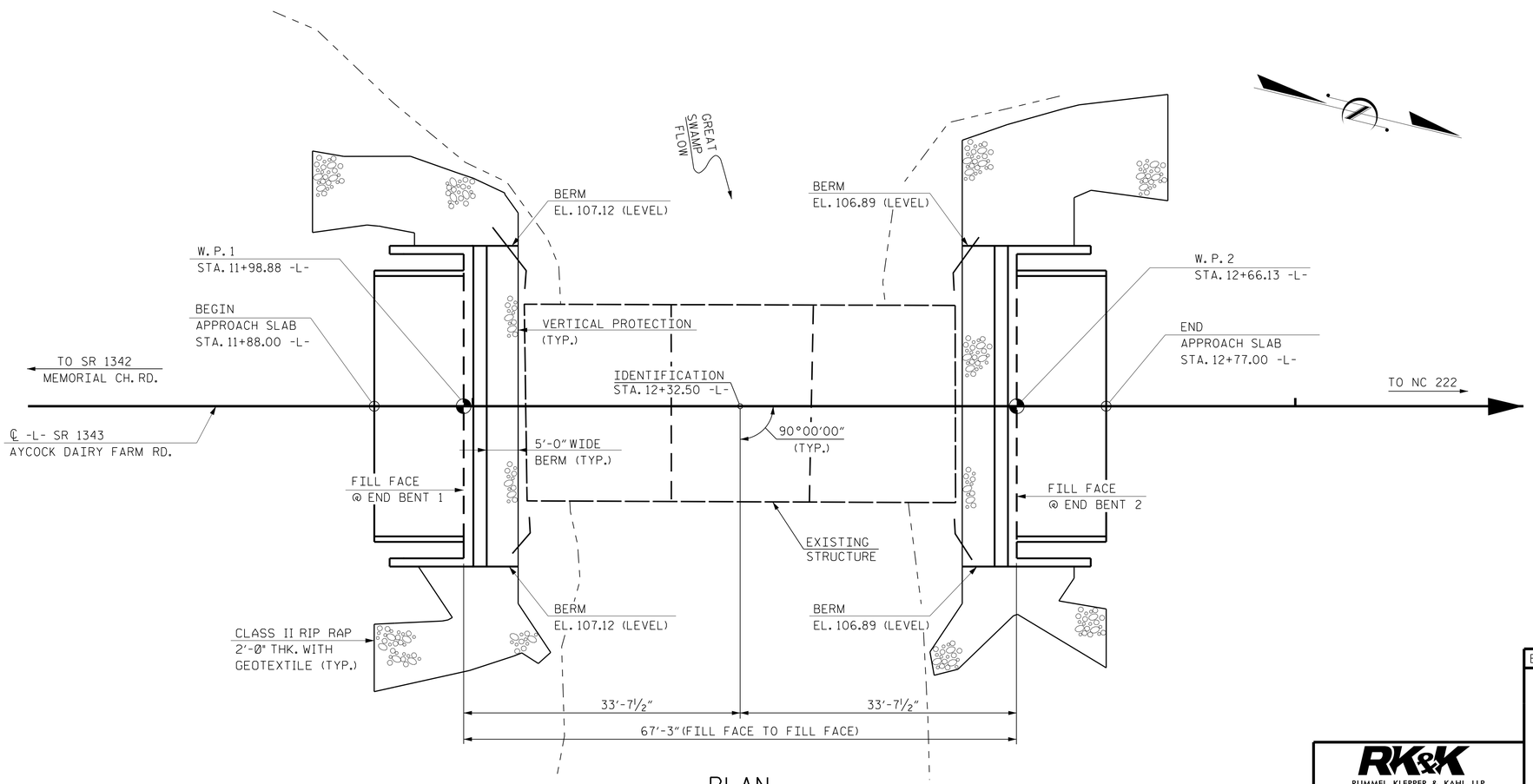
SECTION ALONG ℄ SURVEY -L-

HYDRAULIC DATA

DESIGN DISCHARGE---------- 960 C.F.S.
FREQUENCY OF DESIGN DISCHARGE------- 25 YRS.
DESIGN HIGH WATER ELEVATION--------- 109.8 FT
DRAINAGE AREA---------- 9.4 SQ. MI.
BASE DISCHARGE (Q100)---------- 1,400 C.F.S.
BASE HIGH WATER ELEVATION---------- 111.2 FT

OVERTOPPING FLOOD DATA

OVERTOPPING DISCHARGE---------- 2,106 C.F.S.
FREQUENCY OF OVERTOPPING---------- 500+ YR.
OVERTOPPING ELEVATION---------- 111.9 FT
(AT STA. 14+44.00-L-)



PLAN

(PILES NOT SHOWN IN PLAN VIEW FOR CLARITY)

I HEREBY CERTIFY THESE PLANS ARE THE AS-BUILT PLANS

PROJECT NO. 17BP.4.R.105
WAYNE COUNTY
STATION: 12+32.50 -L-

SHEET 1 OF 3 REPLACES BRIDGE NO. 950053

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

FOR BRIDGE OVER GREAT SWAMP ON SR 1343 (AYCOCK DAIRY FARM RD.) BETWEEN SR 1342 AND NC 222

BRIDGE NO. 950053

NORTH CAROLINA PROFESSIONAL SEAL 14045 ENGINEER TIMOTHY L. COGGINS
Docu Sign Envelope
Timothy L. Coggins
5/16/2018

RK&K
RUMMEL, KLEPPER & KAHL, LLP
900 RIDGEFIELD DRIVE SUITE 350
RALEIGH, NC 27609-3960 (919) 878-9560
NC LICENSE NUMBER: F-0112

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-1
1			3			TOTAL SHEETS
2			4			15

DRAWN BY : L.A. TUTT DATE : DEC. 2017
CHECKED BY : B.D. KLAPPENBACH DATE : DEC. 2017
DESIGN ENGINEER OF RECORD : T.L. COGGINS DATE : DEC. 2017

R:\Structures\DGN\950053_SD_GEN.dgn
atutt
1/9/2018