

HNTB HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

PROJECT REFERENCE NO. P-5705A SHEET NO. 4
RW SHEET NO.

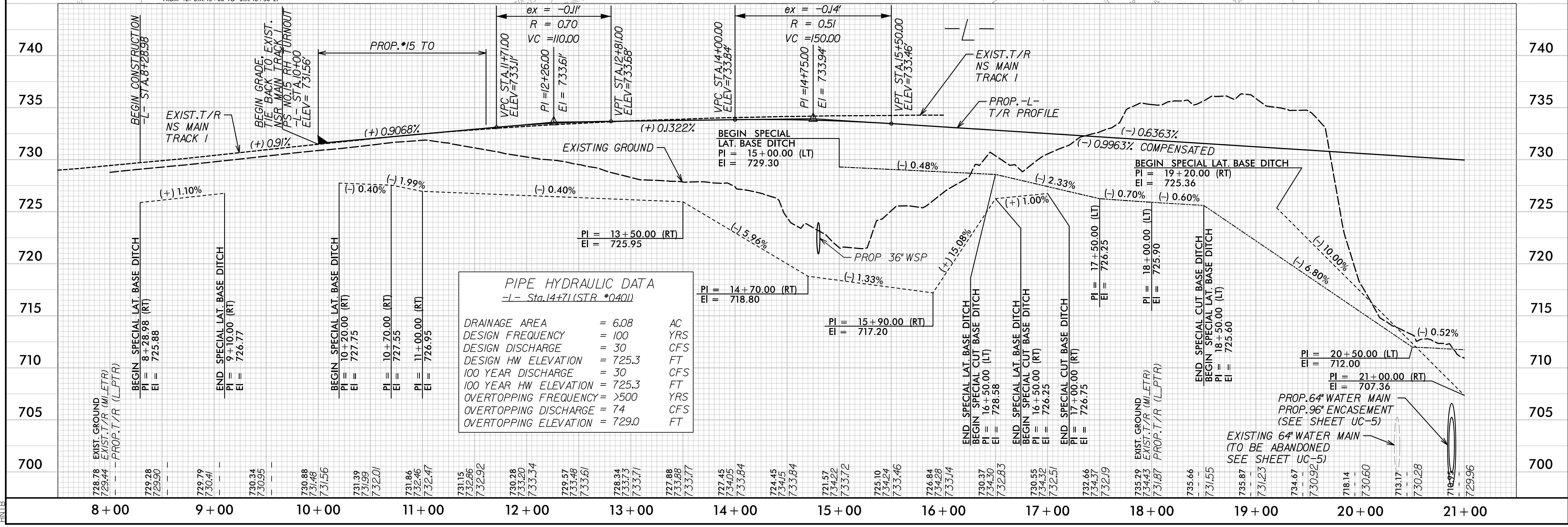
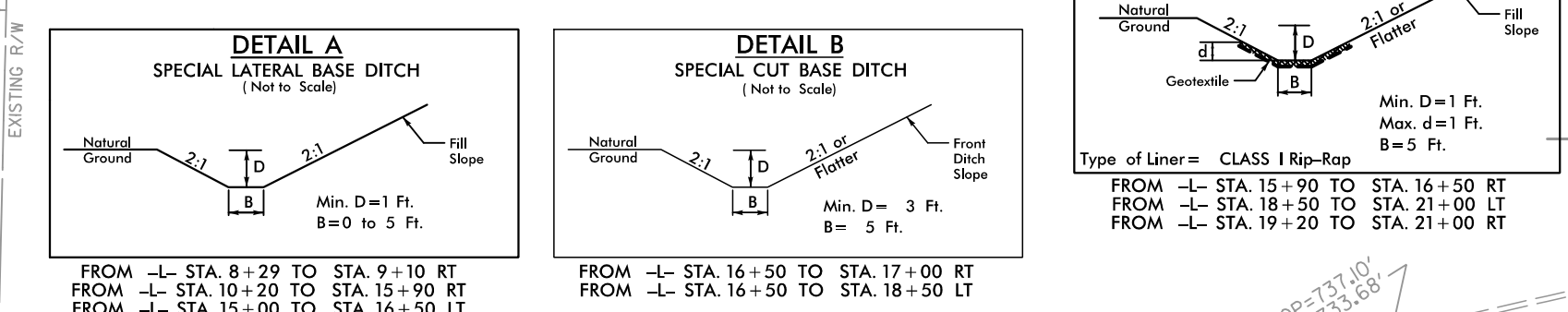
DATE: NOVEMBER 4, 2022

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

RAILROAD DESIGN ENGINEER: [Signature]

HYDRAULICS ENGINEER: [Signature]

11/4/2022



PIPE HYDRAULIC DATA
-L- Sta. 14+71 (STR #0401)

DRAINAGE AREA	= 6.08	AC
DESIGN FREQUENCY	= 100	YRS
DESIGN DISCHARGE	= 30	CFS
DESIGN HW ELEVATION	= 725.3	FT
100 YEAR DISCHARGE	= 30	CFS
100 YEAR HW ELEVATION	= 725.3	FT
OVERTOPPING FREQUENCY	= >500	YRS
OVERTOPPING DISCHARGE	= 74	CFS
OVERTOPPING ELEVATION	= 729.0	FT

11/2/2022 9:56:06 a.m. psh-4.dgn