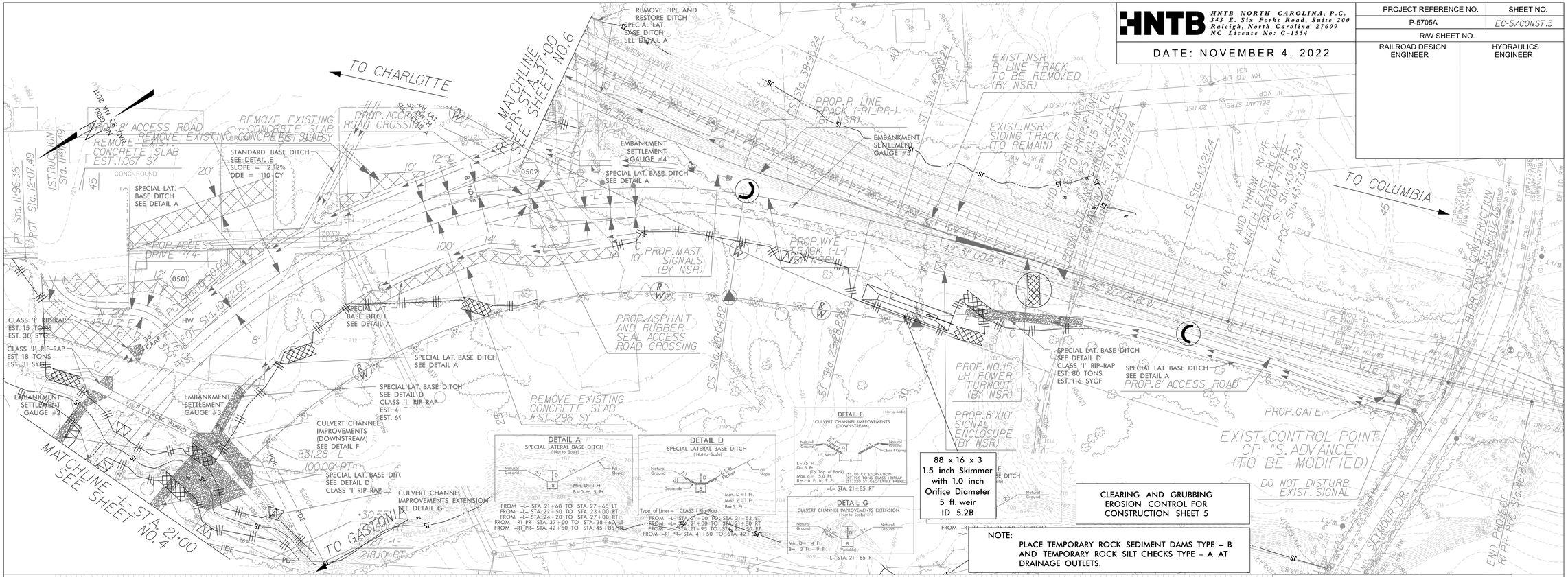
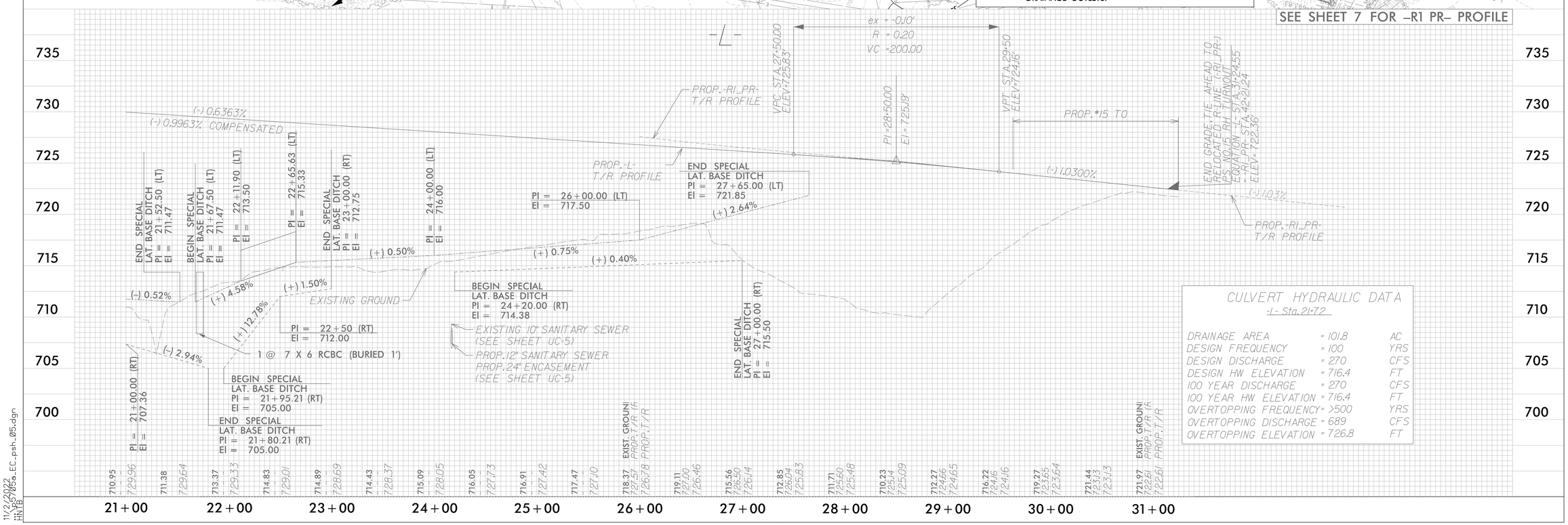
HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

DATE: NOVEMBER 4, 2022

PROJECT REFERENCE NO.	SHEET NO.
P-5705A	EC-5/CONST.5
R/W SHEET NO.	
RAILROAD DESIGN ENGINEER	HYDRAULICS ENGINEER





CULVERT HYDRAULIC DATA
-L- Sta. 21+72

DRAINAGE AREA	= 101.8	AC
DESIGN FREQUENCY	= 100	YRS
DESIGN DISCHARGE	= 270	CFS
DESIGN HW ELEVATION	= 716.4	FT
100 YEAR DISCHARGE	= 270	CFS
100 YEAR HW ELEVATION	= 716.4	FT
OVERTOPPING FREQUENCY	= >500	YRS
OVERTOPPING DISCHARGE	= 689	CFS
OVERTOPPING ELEVATION	= 726.8	FT

11/2/2022
P-5705_EC_psh_05.dgn
HNTB