

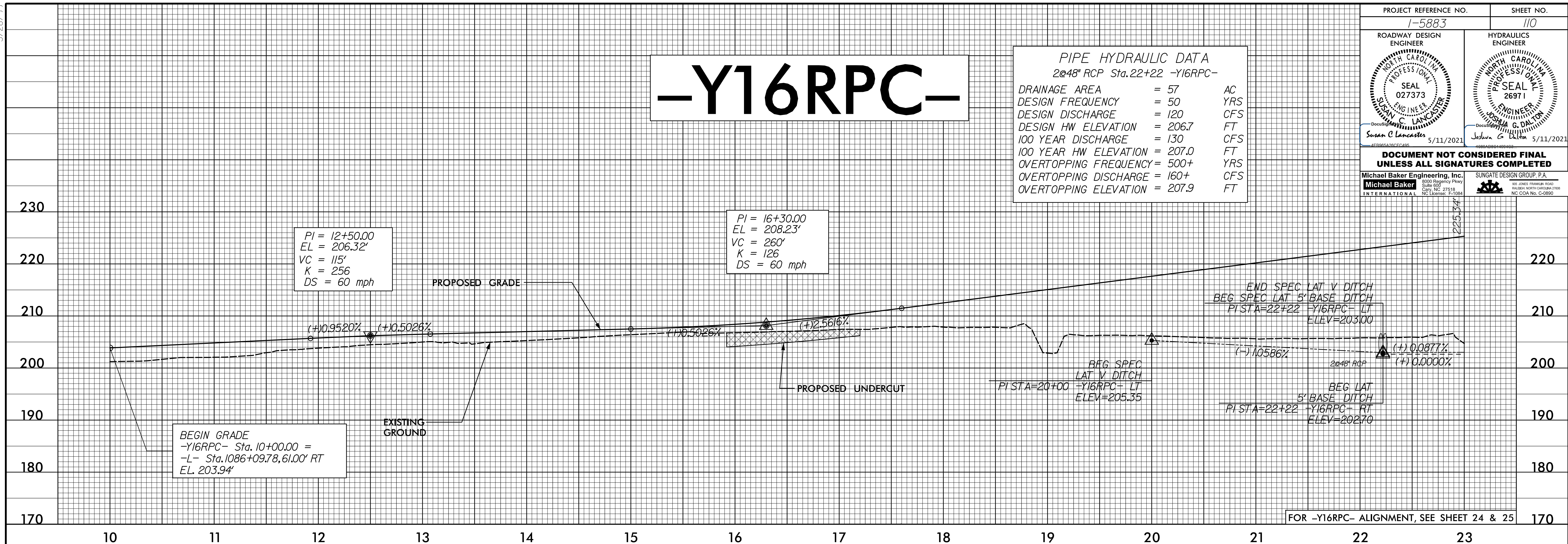
5/28/21

PROJECT REFERENCE NO. 1-5883	SHEET NO. 110
ROADWAY DESIGN ENGINEER SUNGATE DESIGN GROUP, P.A. SEAL 027373 SUSAN C. LANCASTER 5/11/2021	HYDRAULICS ENGINEER SUNGATE DESIGN GROUP, P.A. SEAL 26971 JOSHUA G. DIXON 5/11/2021
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
Michael Baker Engineering, Inc. 8000 Regency Parkway Suite 600 Cary, NC 27519 NC License: E-11084	SUNGATE DESIGN GROUP, P.A. 605 JONES FRANKLIN ROAD RALEIGH, NORTH CAROLINA 27609 NC CCA No. C-29800

PIPE HYDRAULIC DATA
2048" RCP Sta. 22+22 -Y16RPC-

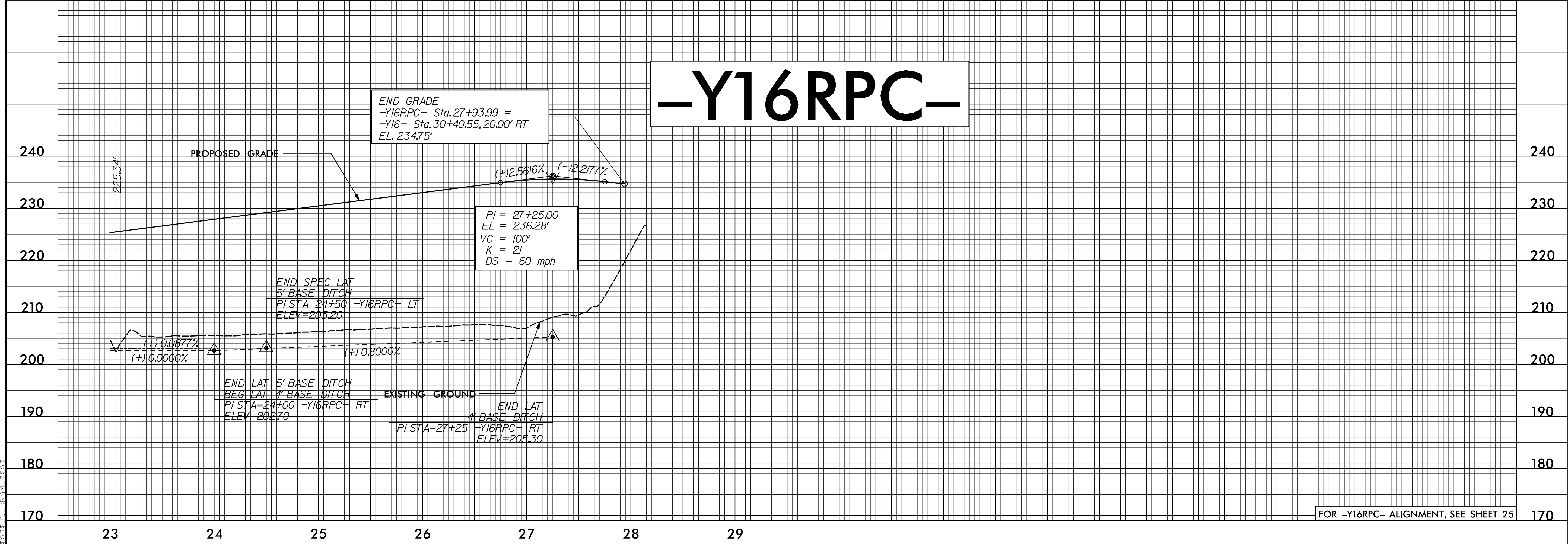
DRAINAGE AREA	= 57	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 120	CFS
DESIGN HW ELEVATION	= 206.7	FT
100 YEAR DISCHARGE	= 130	CFS
100 YEAR HW ELEVATION	= 207.0	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 160+	CFS
OVERTOPPING ELEVATION	= 207.9	FT

-Y16RPC-



FOR -Y16RPC- ALIGNMENT, SEE SHEET 24 & 25

-Y16RPC-



FOR -Y16RPC- ALIGNMENT, SEE SHEET 25

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