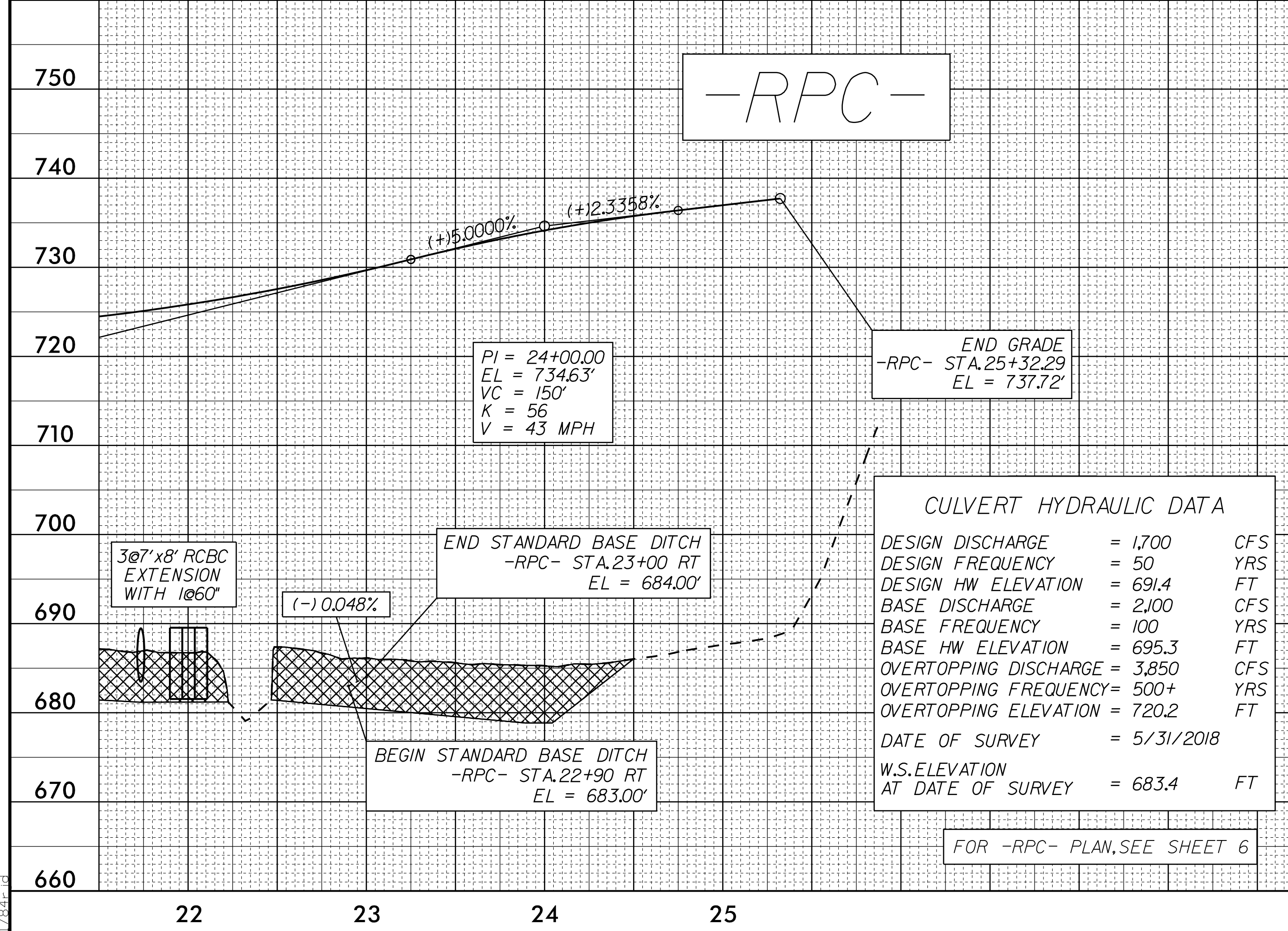
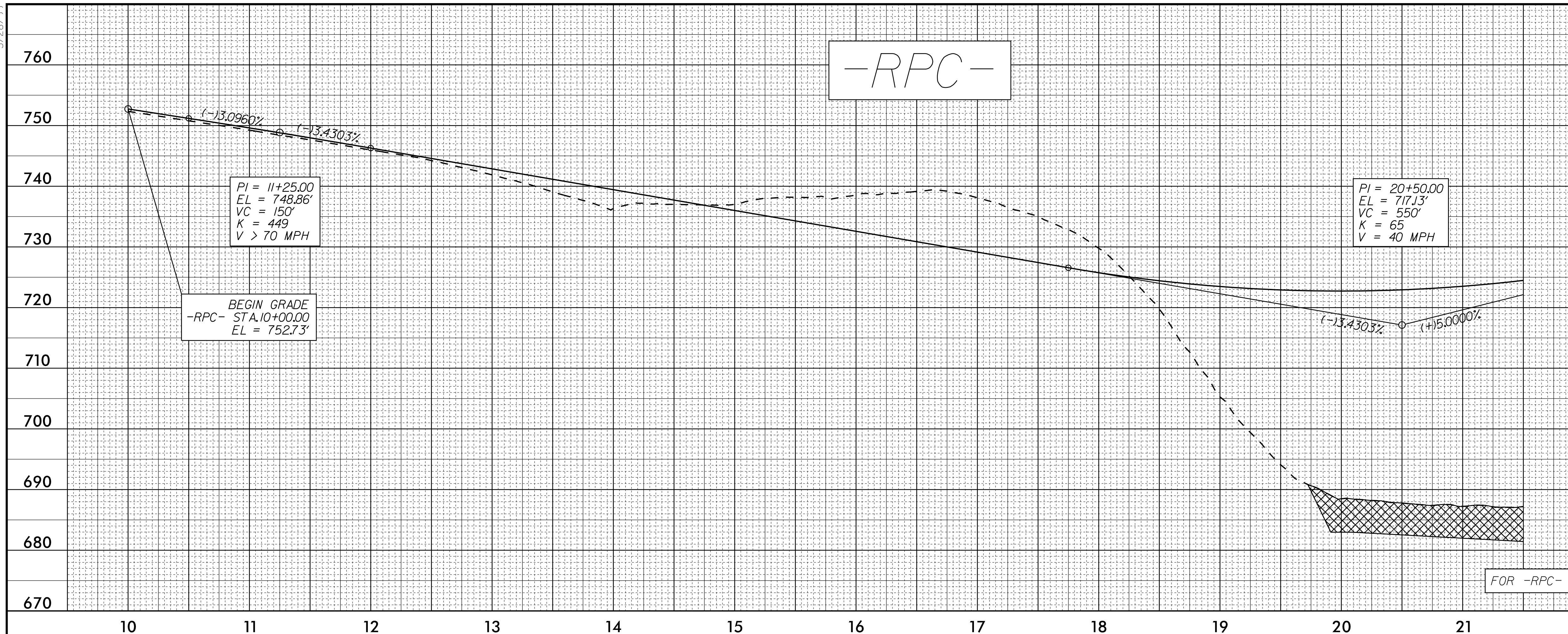


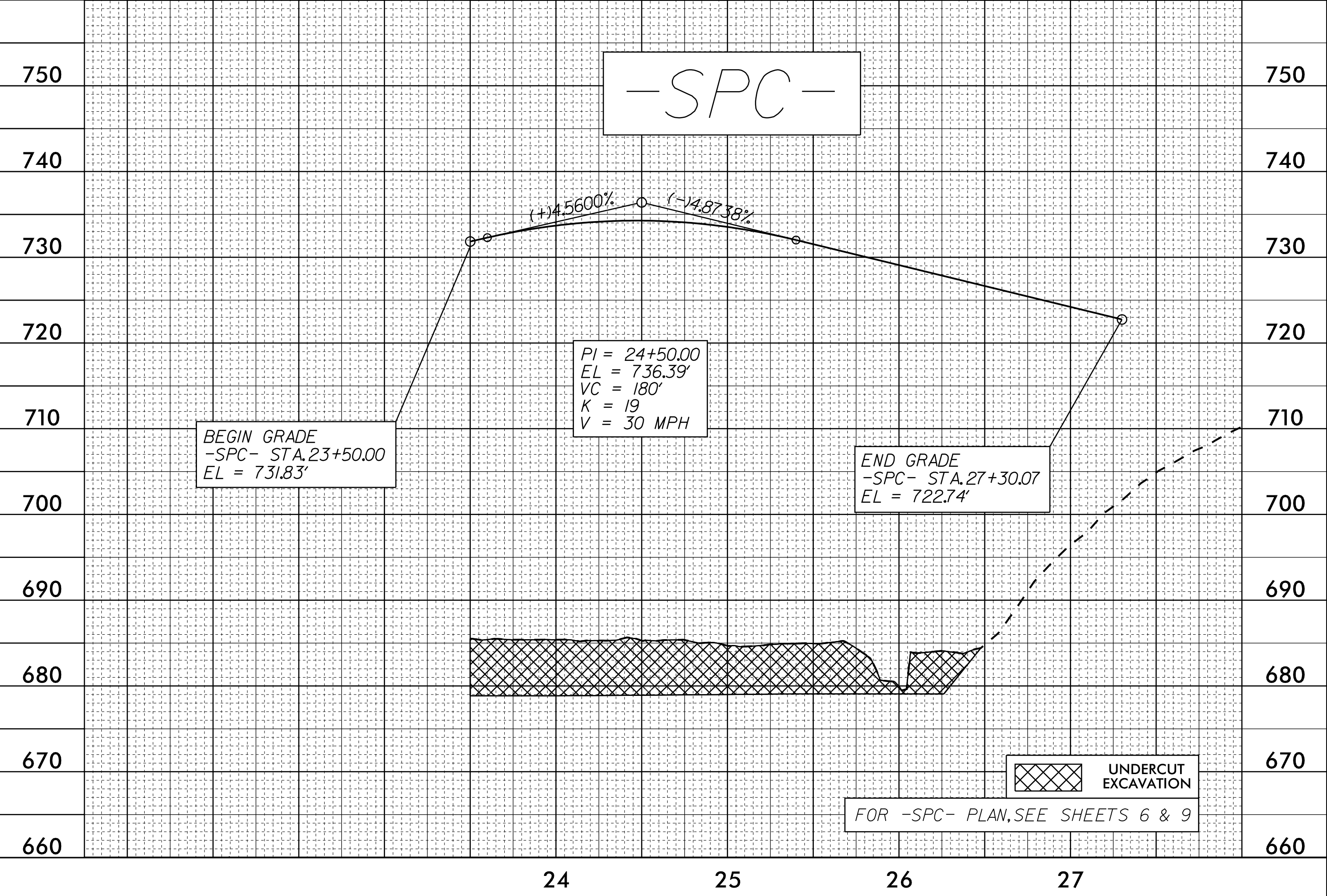
5/28/19

PROJECT REFERENCE NO. R-4707	SHEET NO. 20
ROADWAY DESIGN ENGINEER RICHARD S. DELOACH SEAL 034381 NORTH CAROLINA PROFESSIONAL ENGINEER 4/17/2020	HYDRAULICS ENGINEER ROGER W. MEAD SEAL 21636 NORTH CAROLINA PROFESSIONAL ENGINEER 4/20/2020
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
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CULVERT HYDRAULIC DATA

DESIGN DISCHARGE	= 1,700	CFS
DESIGN FREQUENCY	= 50	YRS
DESIGN HW ELEVATION	= 691.4	FT
BASE DISCHARGE	= 2,100	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 695.3	FT
OVERTOPPING DISCHARGE	= 3,850	CFS
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING ELEVATION	= 720.2	FT
DATE OF SURVEY	= 5/31/2018	
W.S. ELEVATION AT DATE OF SURVEY	= 683.4	FT



07-MAR-2020 09:43
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