

5/28/19

BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE = 9350 CFS
 DESIGN FREQUENCY = 5 YRS
 DESIGN HW ELEVATION = 671.3 FT
 BASE DISCHARGE = 23814 CFS
 BASE FREQUENCY = 100 YRS
 BASE HW ELEVATION = 677.59 FT
 OVERTOPPING DISCHARGE = 11400 CFS
 OVERTOPPING FREQUENCY = 10 YRS
 OVERTOPPING ELEVATION = 672.9 FT
 ESTIMATED NORMAL WATER = 656.00 FT
 SURFACE ELEVATION

DATE OF SURVEY = 1/19/2016
 W.S. ELEVATION AT DATE OF SURVEY = 656.00 FT

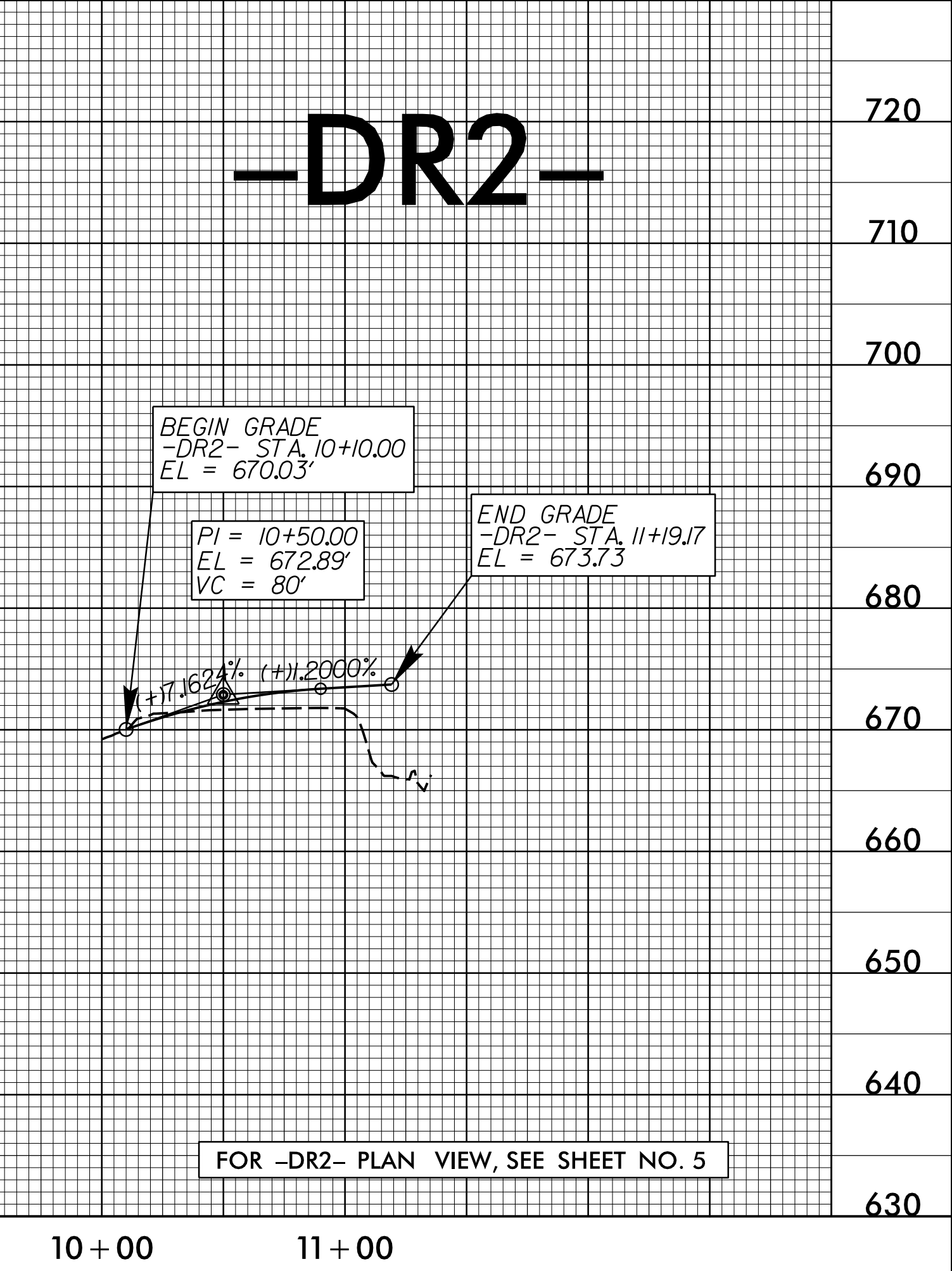
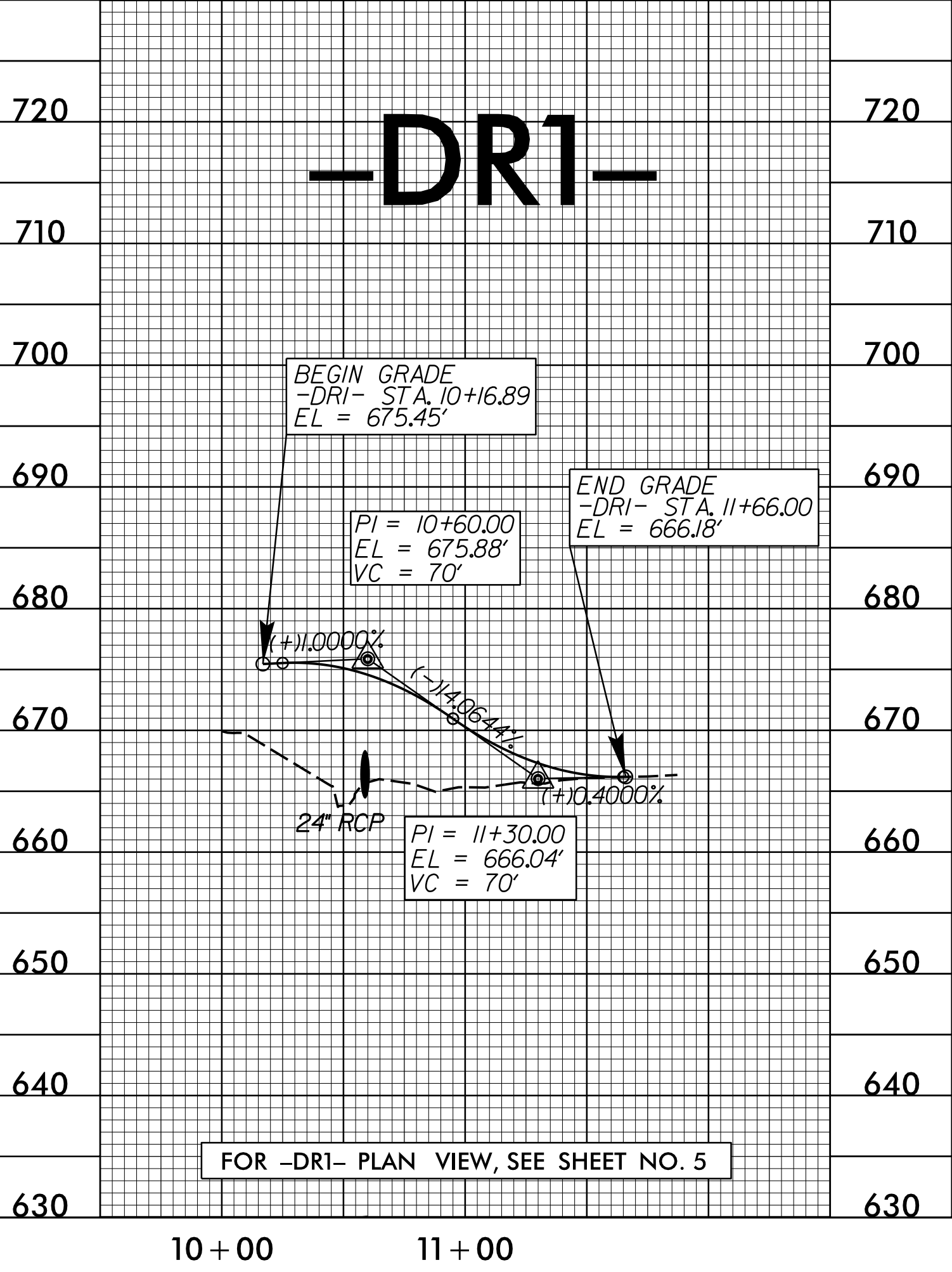
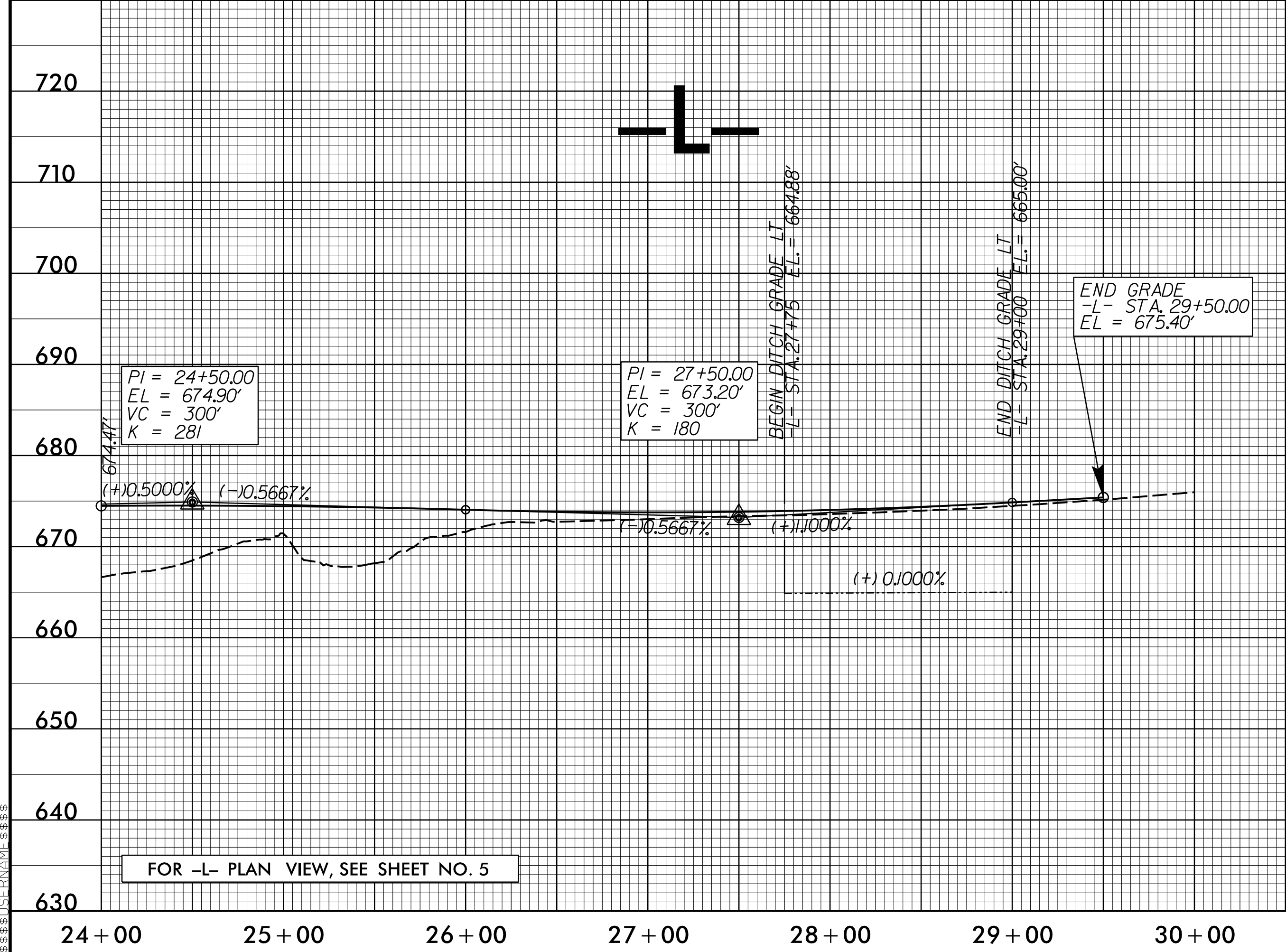
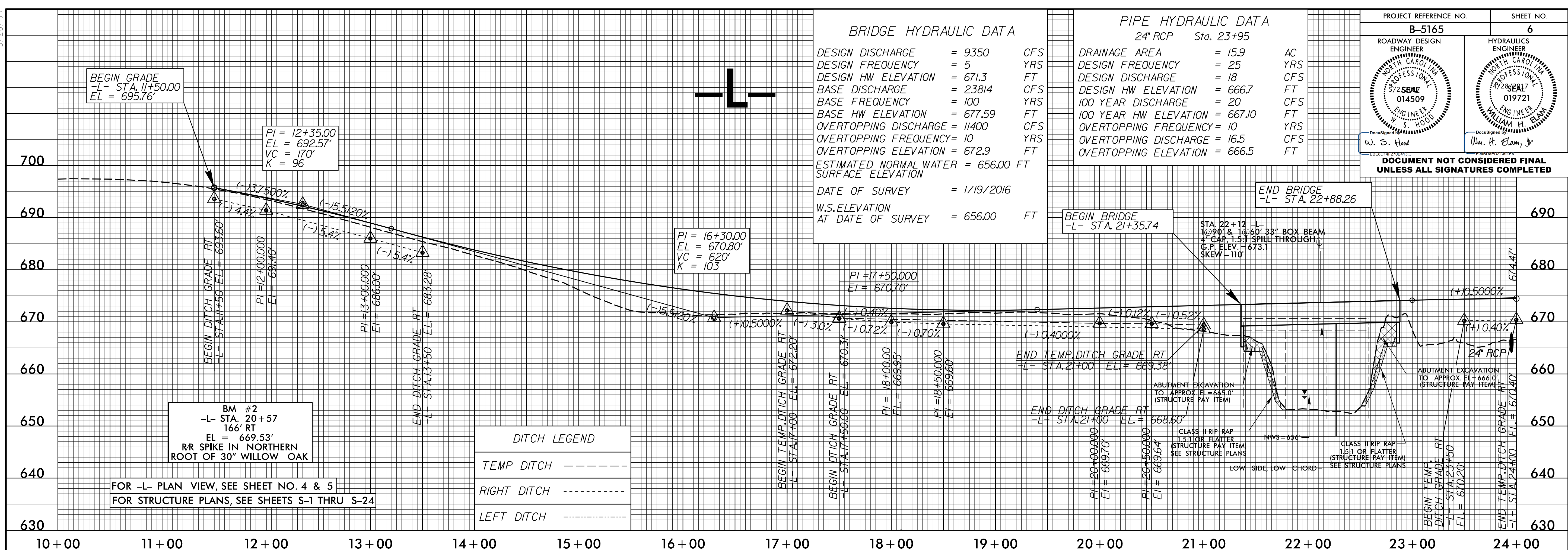
PIPE HYDRAULIC DATA

24" RCP Sta. 23+95

DRAINAGE AREA = 15.9 AC
 DESIGN FREQUENCY = 25 YRS
 DESIGN DISCHARGE = 18 CFS
 DESIGN HW ELEVATION = 666.7 FT
 100 YEAR DISCHARGE = 20 CFS
 100 YEAR HW ELEVATION = 667.10 FT
 OVERTOPPING FREQUENCY = 10 YRS
 OVERTOPPING DISCHARGE = 16.5 CFS
 OVERTOPPING ELEVATION = 666.5 FT

PROJECT REFERENCE NO. B-5165	SHEET NO. 6
ROADWAY DESIGN ENGINEER W. S. HOOD 014509	HYDRAULICS ENGINEER WILLIAM H. ELAM, JR. 019721

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



18-Apr-2017 08:27 P:\Projects\B5165.Rdy.pfl.dgn