

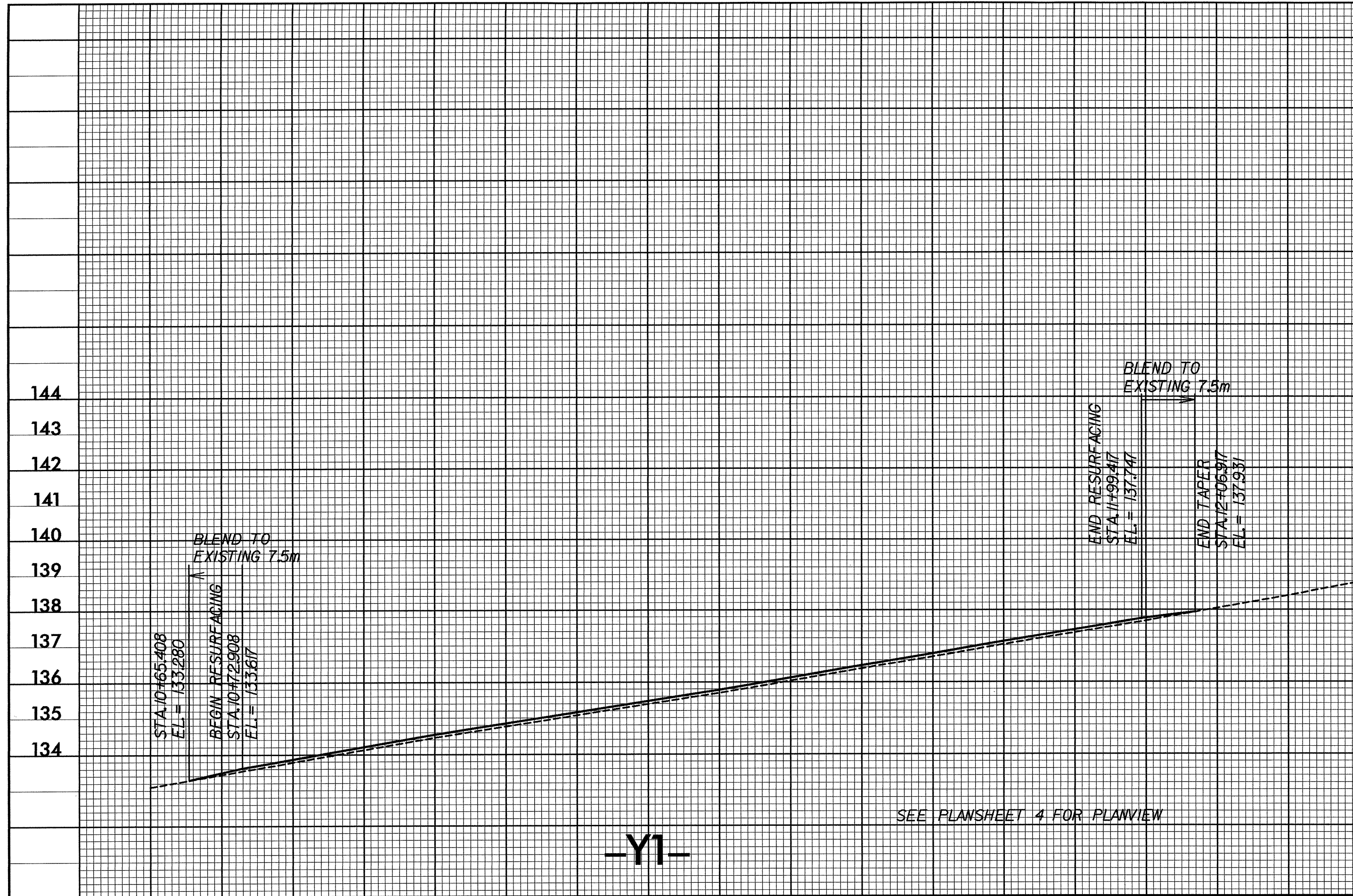


PROJECT REFERENCE NO. R-3303 SHEET NO. 16

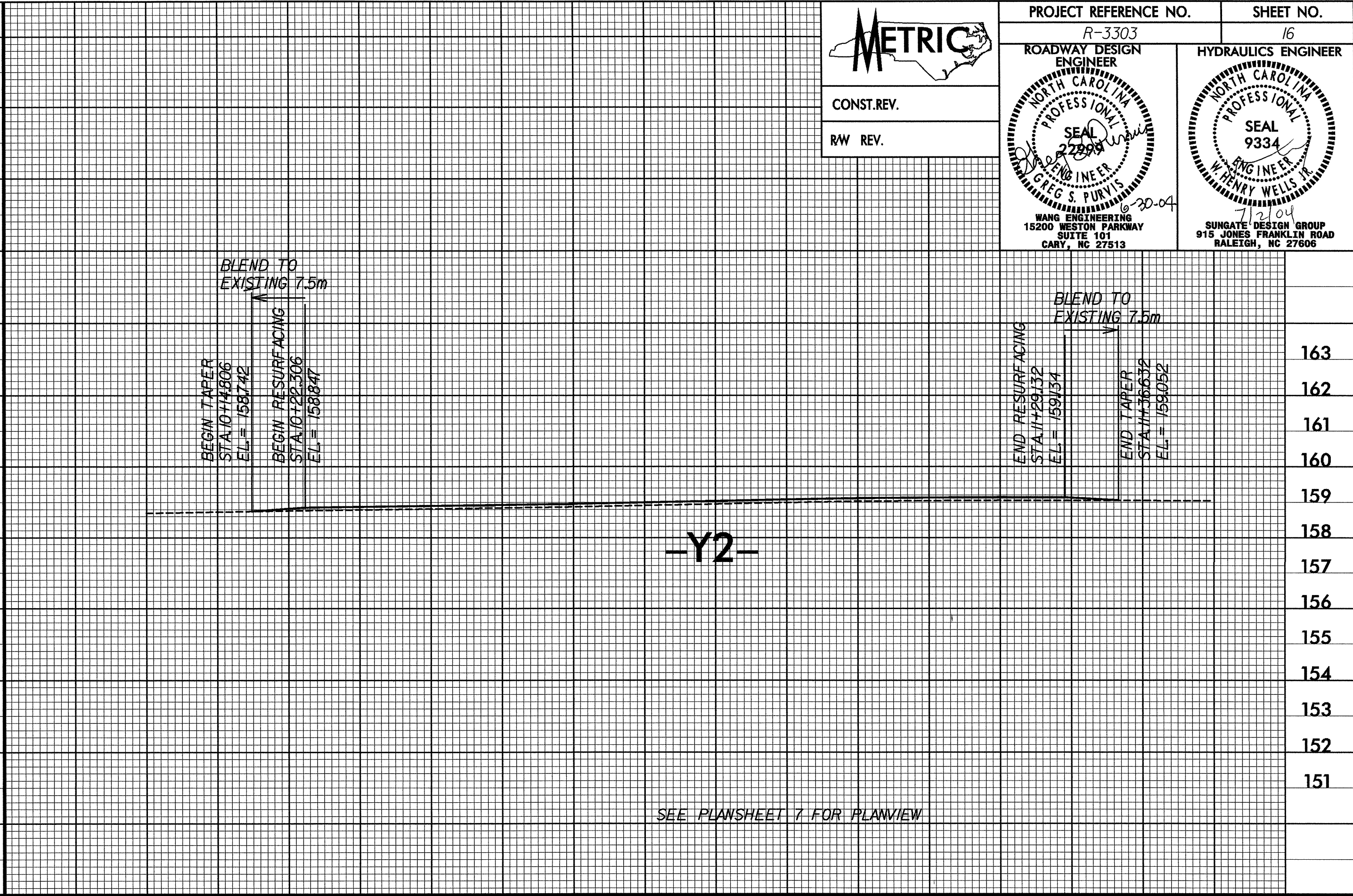
ROADWAY DESIGN ENGINEER
 NORTH CAROLINA PROFESSIONAL SEAL
 22898
 GREG S. PURVIS
 18200 BOSTON PARKWAY SUITE 101 CARY, NC 27513

HYDRAULICS ENGINEER
 NORTH CAROLINA PROFESSIONAL SEAL
 9334
 WENRY WELLS
 915 JONES FRANKLIN ROAD RALEIGH, NC 27606

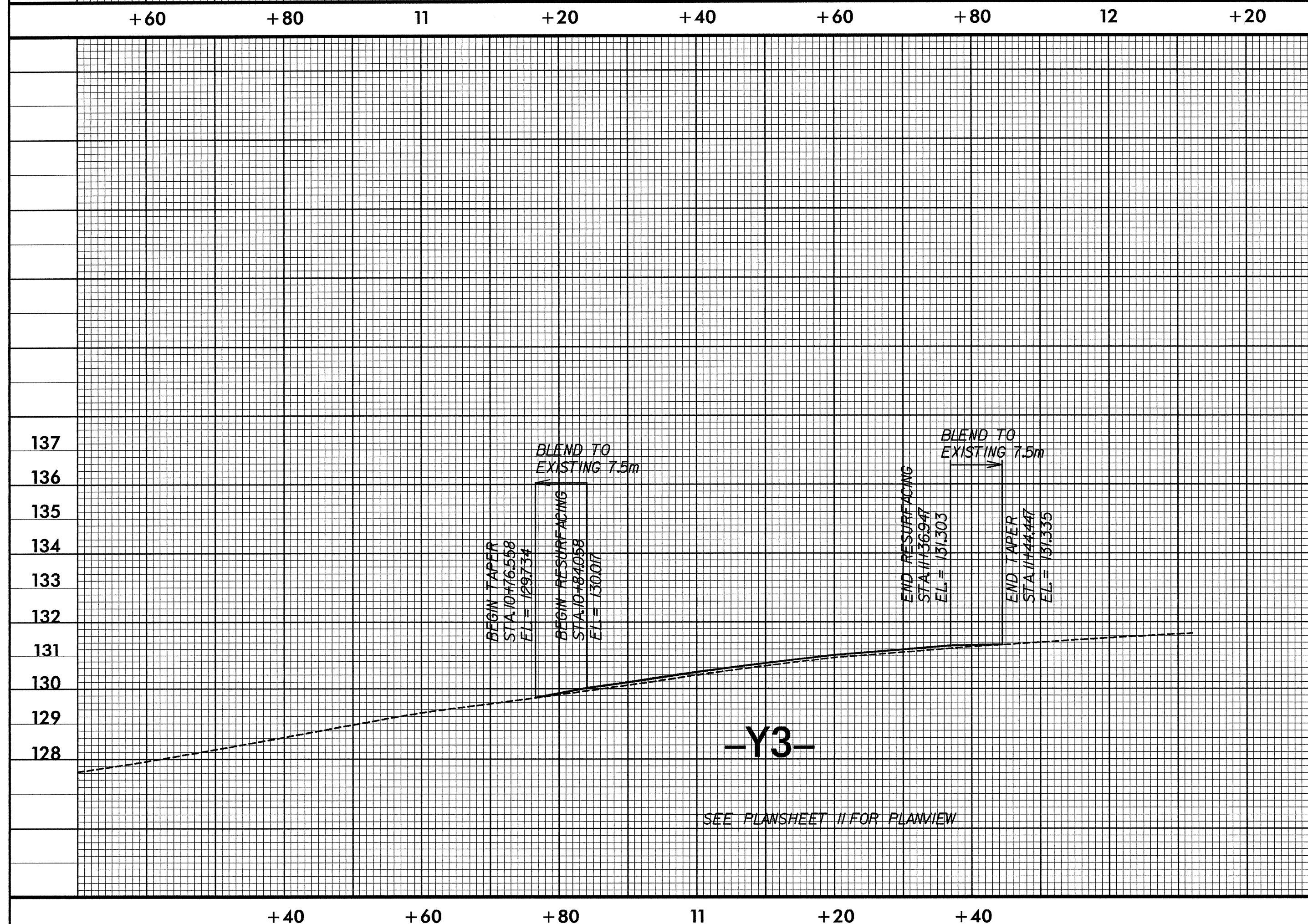
CONST. REV.
 RW REV.



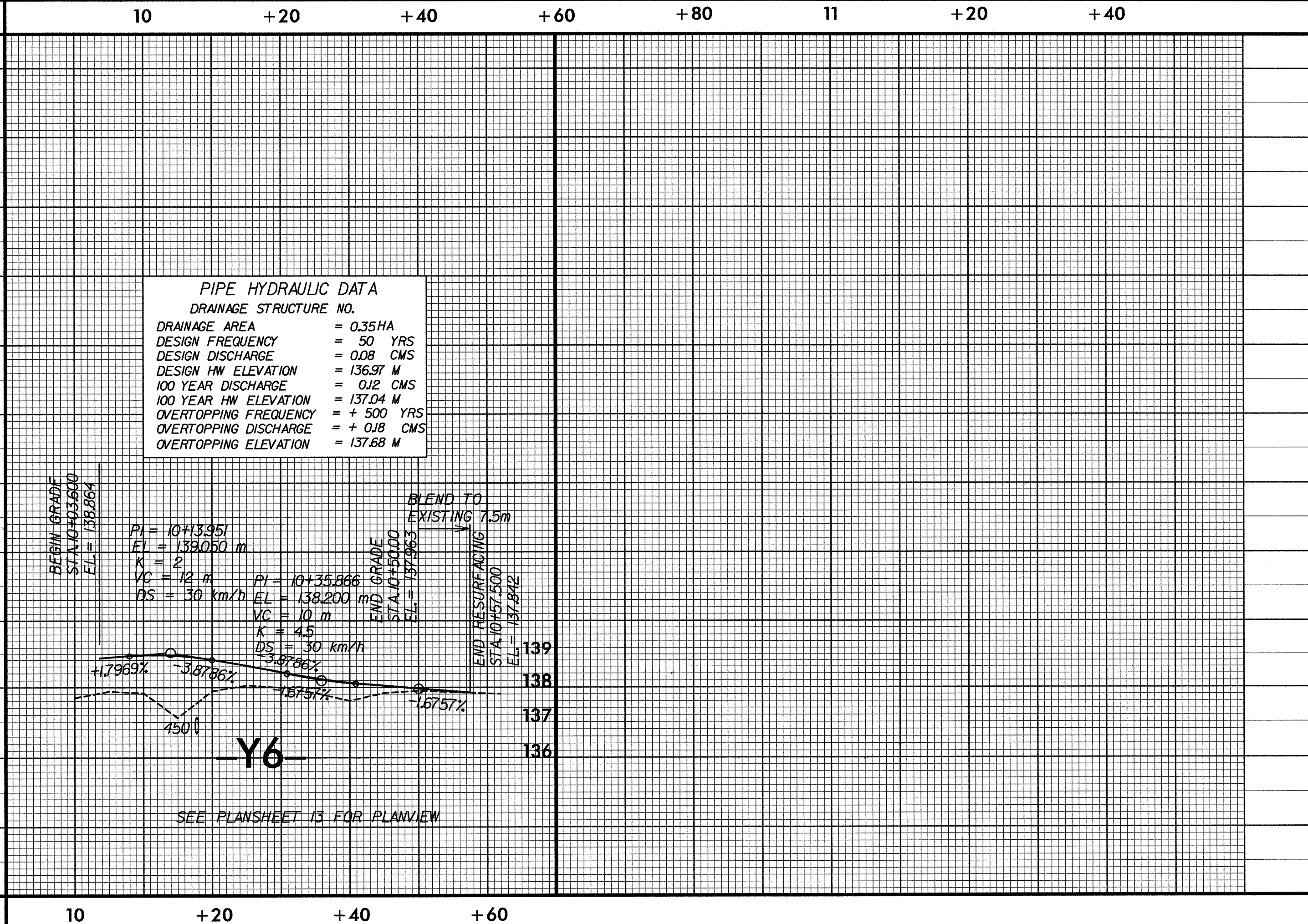
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PIPE HYDRAULIC DATA
 DRAINAGE STRUCTURE NO.

DRAINAGE AREA	= 0.35HA
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 0.08 CMS
DESIGN HW ELEVATION	= 136.97 M
100 YEAR DISCHARGE	= 0.12 CMS
100 YEAR HW ELEVATION	= 137.04 M
OVERTOPPING FREQUENCY	= + 500 YRS
OVERTOPPING DISCHARGE	= 0.18 CMS
OVERTOPPING ELEVATION	= 137.68 M

