PROJECT REFERENCE NO.	SHEET NO.
R-513C	60

METRIC

5 0 10

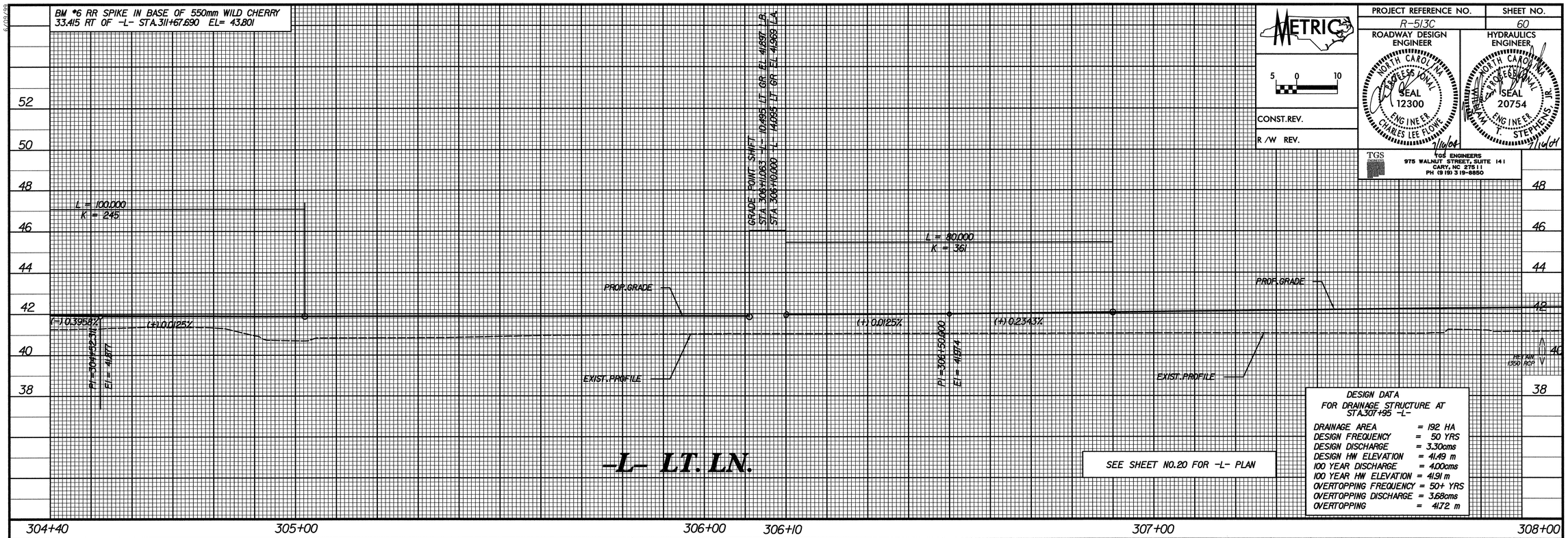
CONST.REV.

R /W REV.

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 12300 ENGINEER CHARLES LEE FLOYD
7/16/04

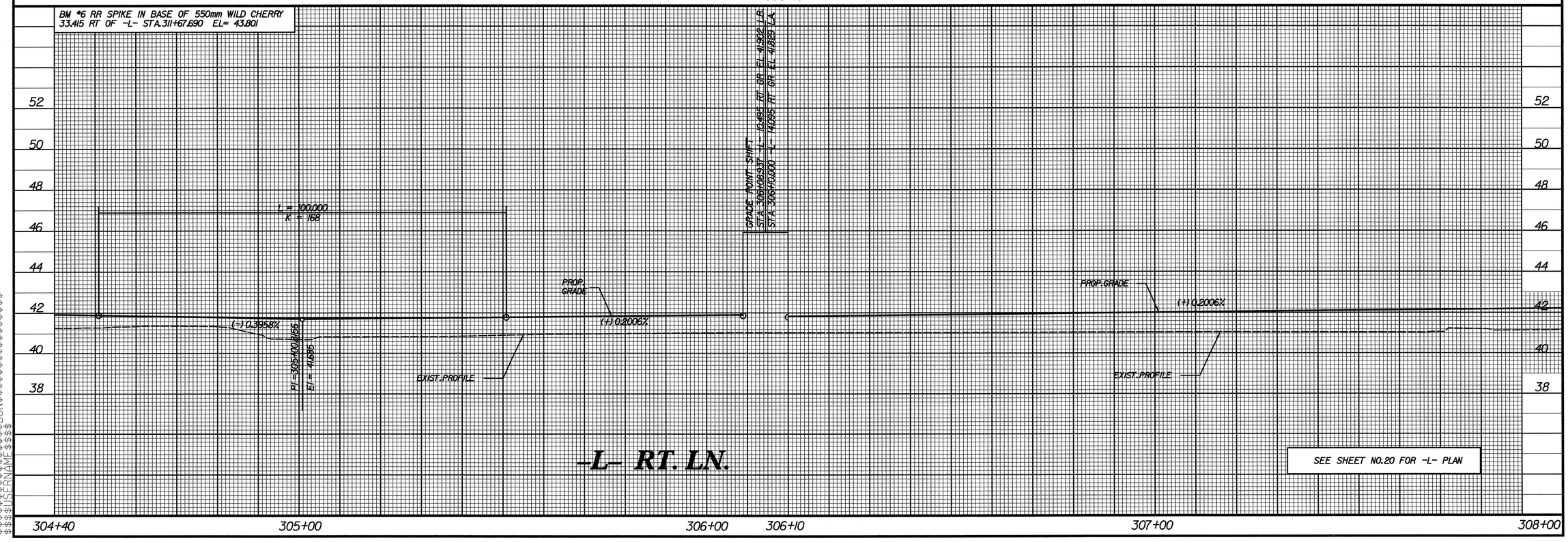
HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 20754 ENGINEER WILLIAM T. STEPHENS, JR.
7/14/04

TGS
TGS ENGINEERS
975 WALNUT STREET, SUITE 141
CARY, NC 27511
PH (919) 319-8850



DESIGN DATA
FOR DRAINAGE STRUCTURE AT
STA.307+95 -L-

DRAINAGE AREA	= 192 HA
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 3.30cms
DESIGN HW ELEVATION	= 41.49 m
100 YEAR DISCHARGE	= 4.00cms
100 YEAR HW ELEVATION	= 41.91 m
OVERTOPPING FREQUENCY	= 50+ YRS
OVERTOPPING DISCHARGE	= 3.68cms
OVERTOPPING	= 41.72 m



SYSTIME $$$$DGN
USERNAME $$$$