


BM *4 RR SPIKE IN BASE OF 750mm PINE
96.610 RT OF -L- STA.284+93.432 EL= 42.011



5 0 10

CONST. REV.
R / W REV.

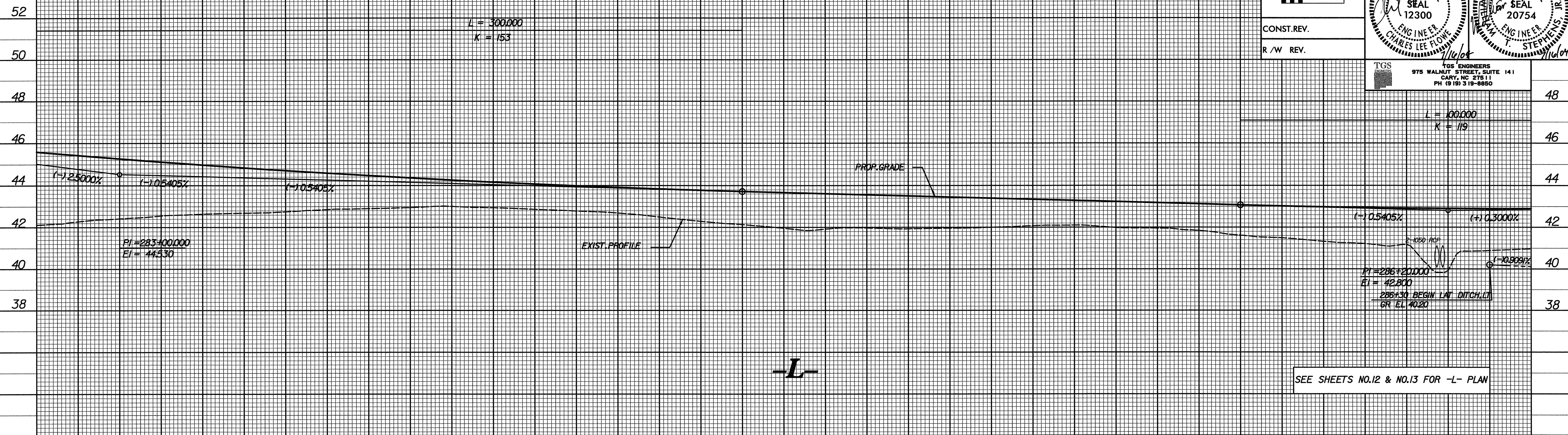
PROJECT REFERENCE NO. R-513C
ROADWAY DESIGN ENGINEER

SHEET NO. 57
HYDRAULICS ENGINEER

SEAL 12300
ENGINEER CHARLES LEE FLOWE

SEAL 20754
ENGINEER T. STEPHENS

TGS ENGINEERS
975 WALNUT STREET, SUITE 141
CARY, NC 27511
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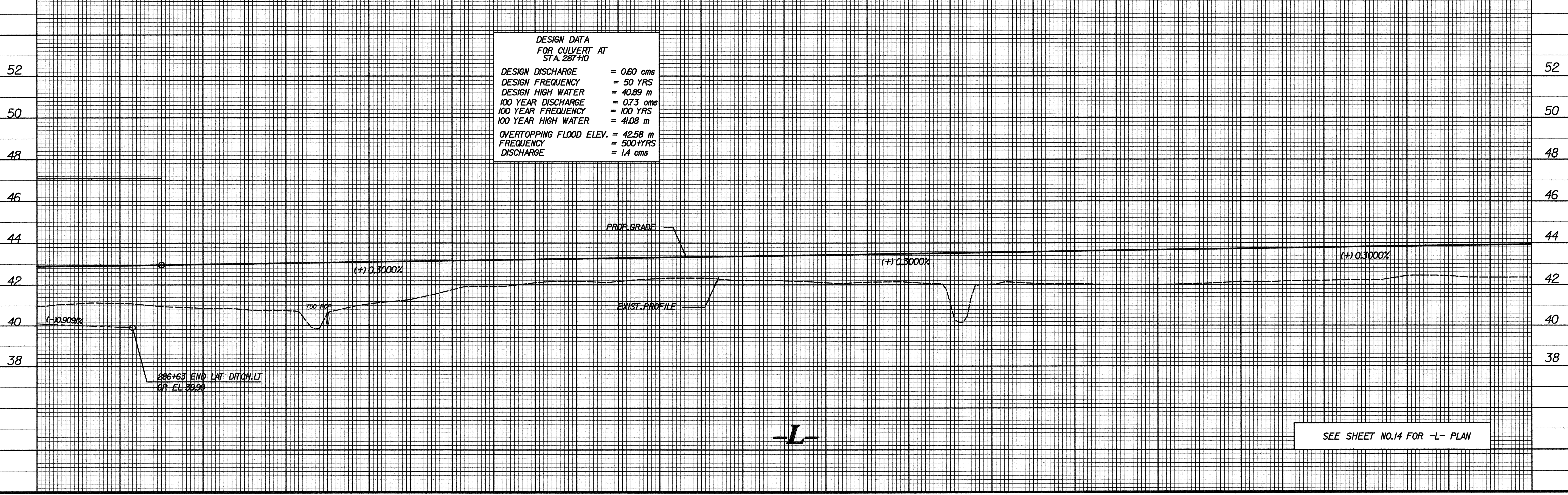
SEE SHEETS NO.12 & NO.13 FOR -L- PLAN

282+80 283+00 284+00 285+00 286+00 +40

BM *5 RR SPIKE IN BASE OF 400mm PINE
55.338 RT OF -L- STA.291+42.740 EL= 43.044

DESIGN DATA FOR CULVERT AT STA. 287+10

DESIGN DISCHARGE	= 0.60 cms
DESIGN FREQUENCY	= 50 YRS
DESIGN HIGH WATER	= 40.89 m
100 YEAR DISCHARGE	= 0.73 cms
100 YEAR FREQUENCY	= 100 YRS
100 YEAR HIGH WATER	= 41.08 m
OVERTOPPING FLOOD ELEV.	= 42.58 m
FREQUENCY	= 500-YRS
DISCHARGE	= 1.4 cms



SEE SHEET NO.14 FOR -L- PLAN

286+40 287+00 288+00 289+00 290+00

SYTIME\PROJECTS\2004\07\15\04\07-02-12\1