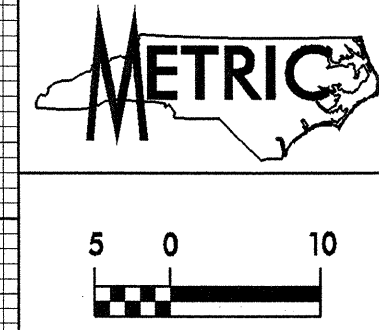


BM 12 BIG NAIL IN 20" OAK LOCATED
16.84M LT. OF BL STA 77+17.33
Elev.=12.04

PLAN SUMMARY DATA		
STA. 176+73 -L MED-		
DRAINAGE AREA	= 1.4	HA
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 0.22	CMS
DESIGN HW ELEVATION	= 11.90	M
100 YEAR DISCHARGE	= 0.24	CMS
100 YEAR HW ELEVATION	= 11.91	M
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 1.01	CMS
OVERTOPPING ELEVATION	= 13.03	M

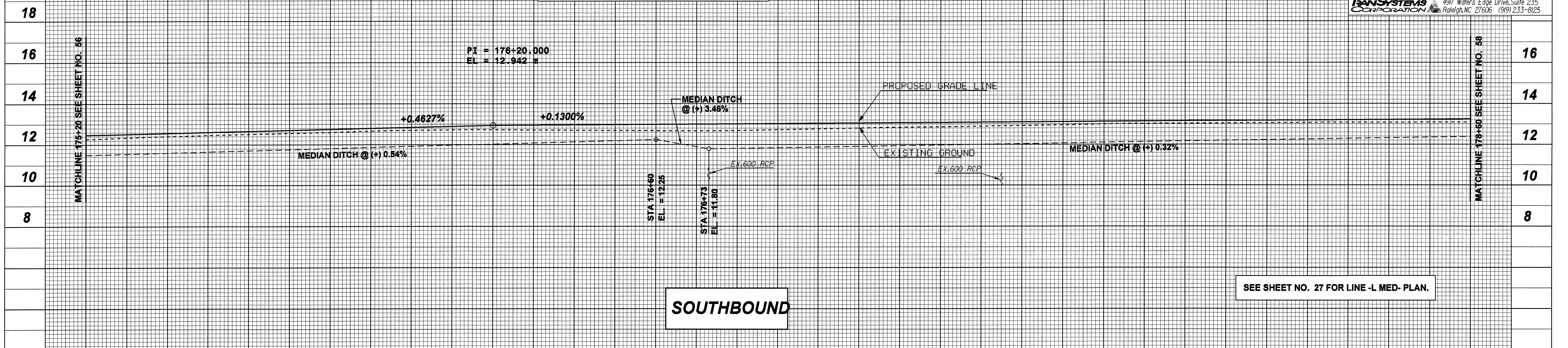
ROADWAY DESIGN BY:
TAYLOR • WISEMAN & TAYLOR
ENGINEERS • SURVEYORS • PLANNERS
G.P.S. • SUBSURFACE UTILITY ENGINEERING
3500 REGENCY PARKWAY, SUITE H, CARY, N.C. 27511
TELEPHONE NO. (919)297-0085 FAX NO. (919)297-0090



PROJECT REFERENCE NO. R-2514A	SHEET NO. 57
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

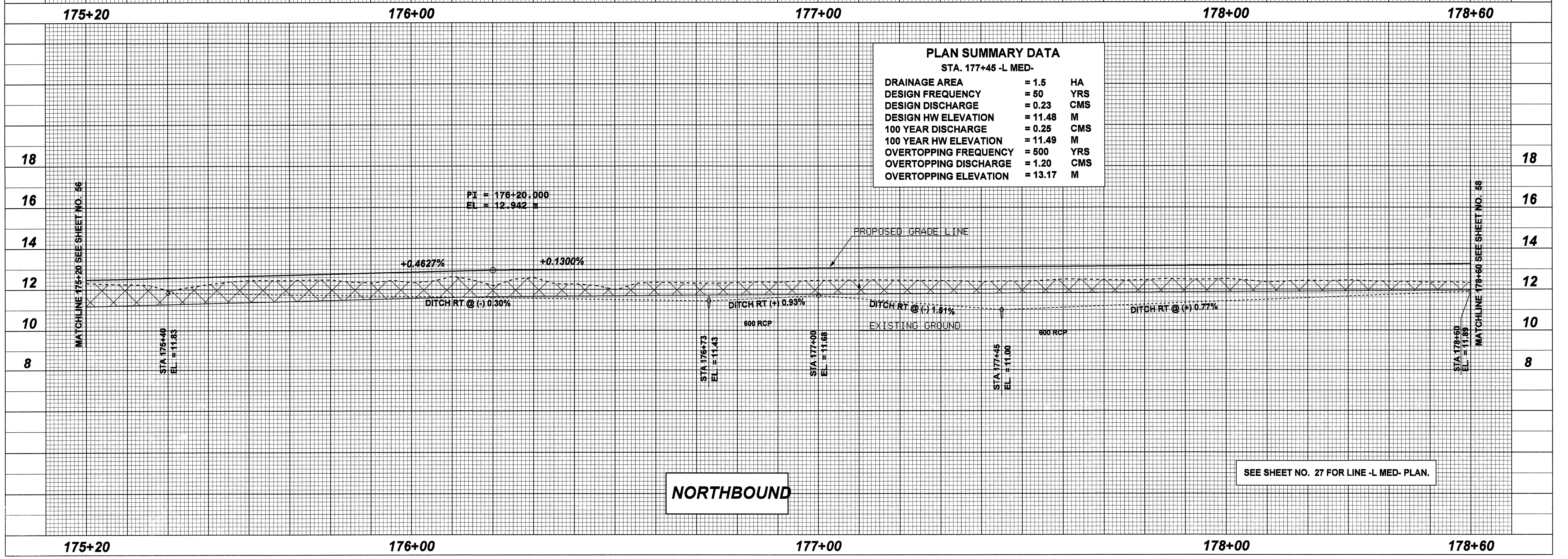
CONST.REV.
R /W REV.

HYDRAULIC DESIGN :
TRANSYSTEMS CORPORATION
4917 Waters Edge Drive, Suite 235
Raleigh, NC 27606 (919) 233-8125



SOUTHBOUND

SEE SHEET NO. 27 FOR LINE -L MED- PLAN.



PLAN SUMMARY DATA		
STA. 177+45 -L MED-		
DRAINAGE AREA	= 1.5	HA
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 0.23	CMS
DESIGN HW ELEVATION	= 11.48	M
100 YEAR DISCHARGE	= 0.25	CMS
100 YEAR HW ELEVATION	= 11.49	M
OVERTOPPING FREQUENCY	= 500	YRS
OVERTOPPING DISCHARGE	= 1.20	CMS
OVERTOPPING ELEVATION	= 13.17	M

NORTHBOUND

SEE SHEET NO. 27 FOR LINE -L MED- PLAN.