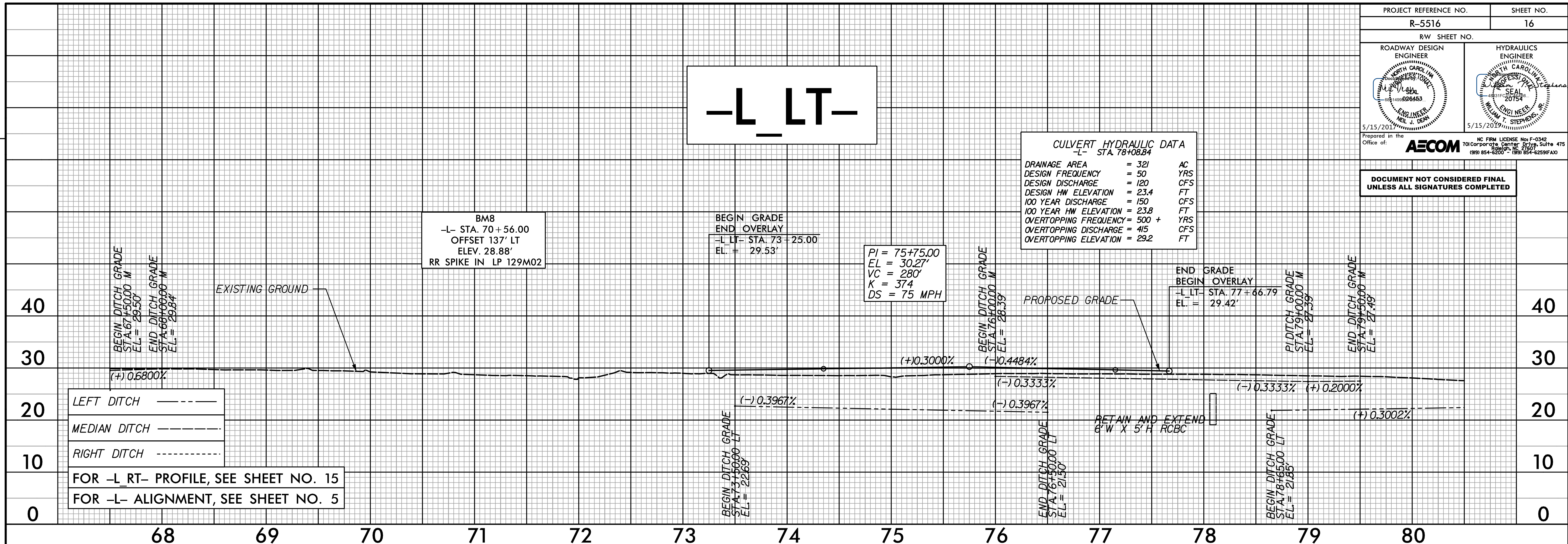


PROJECT REFERENCE NO. R-5516	SHEET NO. 16
RW SHEET NO.	
ROADWAY DESIGN ENGINEER 	HYDRAULICS ENGINEER
Prepared in the Office of: AECOM 701 Corporate Center Drive, Suite 415 Raleigh, NC 27607 (919) 854-6200 • (919) 854-6259 FAX	

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

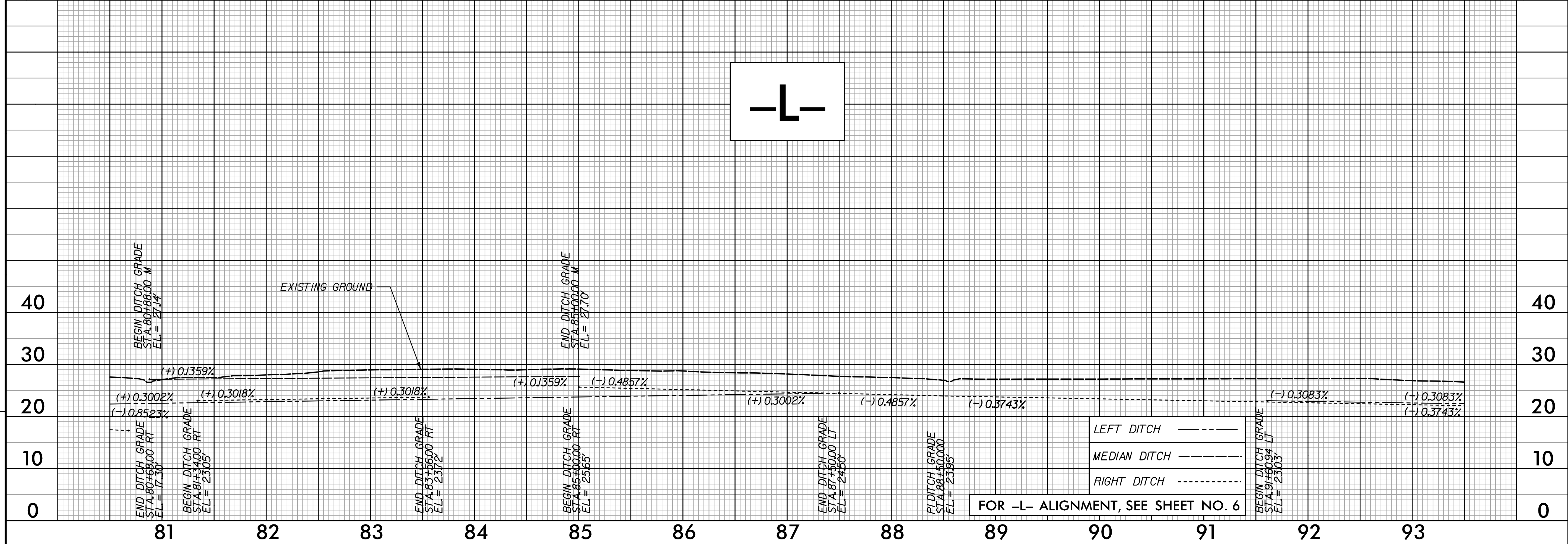
CULVERT HYDRAULIC DATA
-L- STA. 78+08.84

DRAINAGE AREA	= 321	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 120	CFS
DESIGN HW ELEVATION	= 23.4	FT
100 YEAR DISCHARGE	= 150	CFS
100 YEAR HW ELEVATION	= 23.8	FT
OVERTOPPING FREQUENCY	= 500 +	YRS
OVERTOPPING DISCHARGE	= 415	CFS
OVERTOPPING ELEVATION	= 29.2	FT



FOR -L RT- PROFILE, SEE SHEET NO. 15
FOR -L- ALIGNMENT, SEE SHEET NO. 5

REVISIONS



FOR -L- ALIGNMENT, SEE SHEET NO. 6

DNH: R:\Roadway\Proj\5516\Drawings\16.dwg
DATE/TIME: 11/26/07 AM