
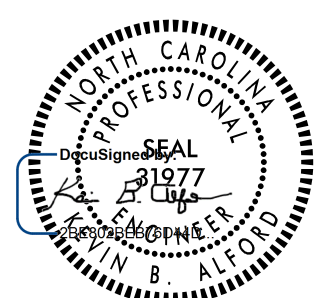



5/14/99

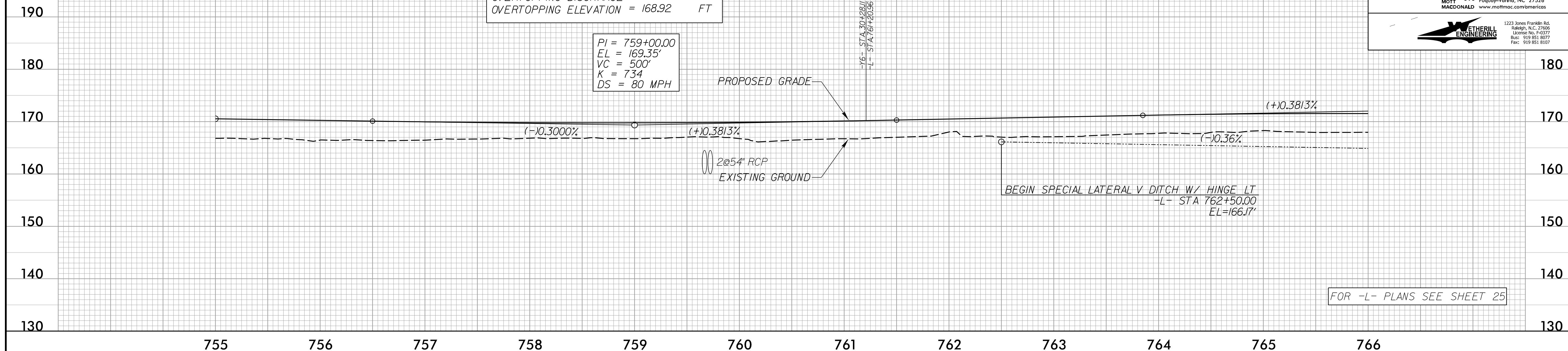
PROJECT REFERENCE NO. 1-5987B	SHEET NO. 70
ROADWAY DESIGN ENGINEER 	HYDRAULICS ENGINEER 
MOTT MACDONALD I & E, LLC LICENSE NO. F-0669	WETHERILL ENGINEERING, LLC LICENSE NO. F-0377
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
Prepared in the Office of: M M 7621 Purfoy Rd., Suite 115 Fuquay-Varina, NC 27516 MOTT MACDONALD www.mottmac.com/americas	
	
1223 Jones Franklin Rd. Salisbury, NC 27366 License No. F-0377 Phone: 919 851 8077 Fax: 919 851 8107	

PIPE HYDRAULIC DATA
-L- Sta.759+70

DRAINAGE AREA	= 126.8	AC
DESIGN FREQUENCY	= 100	YRS
DESIGN DISCHARGE	= 150	CFS
DESIGN HW ELEVATION	= 165.0	FT
100 YEAR DISCHARGE	= 150	CFS
100 YEAR HW ELEVATION	= 165.0	FT
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING DISCHARGE	= 284	CFS
OVERTOPPING ELEVATION	= 168.92	FT

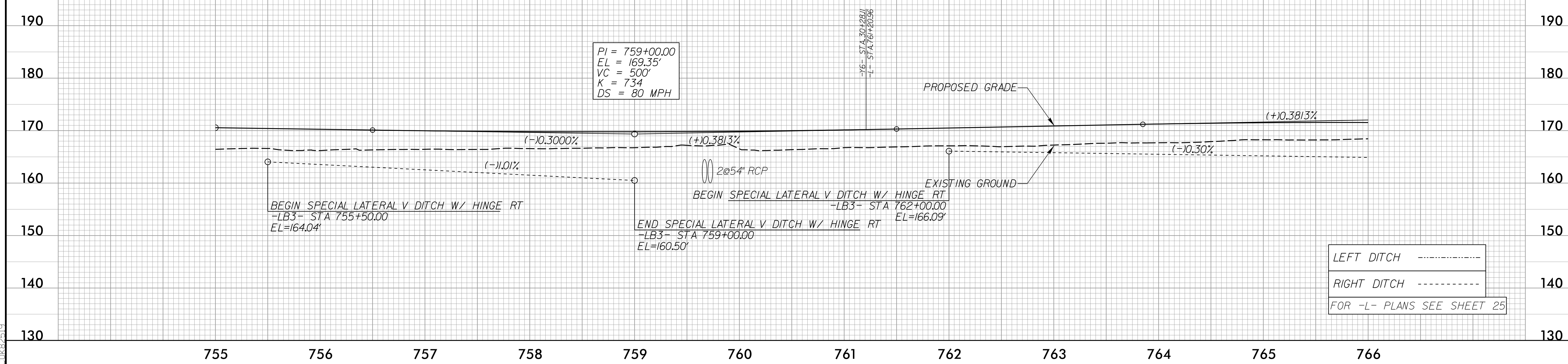
PI = 759+00.00
EL = 169.35'
VC = 500'
K = 734
DS = 80 MPH

-L_SB-



FOR -L- PLANS SEE SHEET 25

-L_NB-



LEFT DITCH -----
RIGHT DITCH -----
FOR -L- PLANS SEE SHEET 25

4/16/2002
 C:\Program Files\AutoCAD\Projects\1-5987B\rdj_psh_70_pfl.dgn
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