

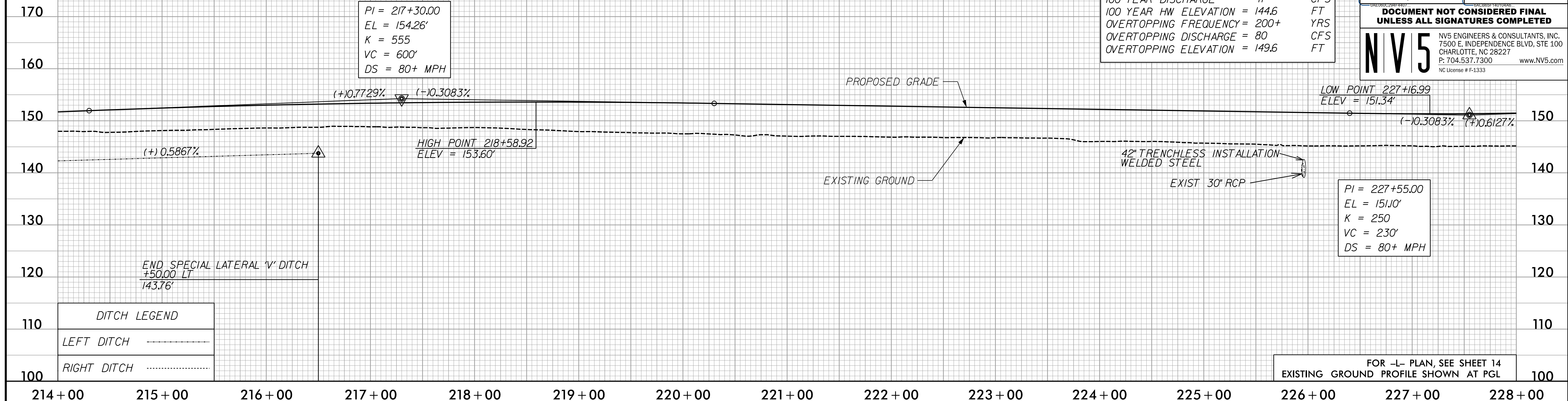
5/28/2022

-L- SB

PIPE HYDRAULIC DATA
 42" TRENCHLESS INSTALLATION WELDED STEEL
 -L- Sta. 225+96

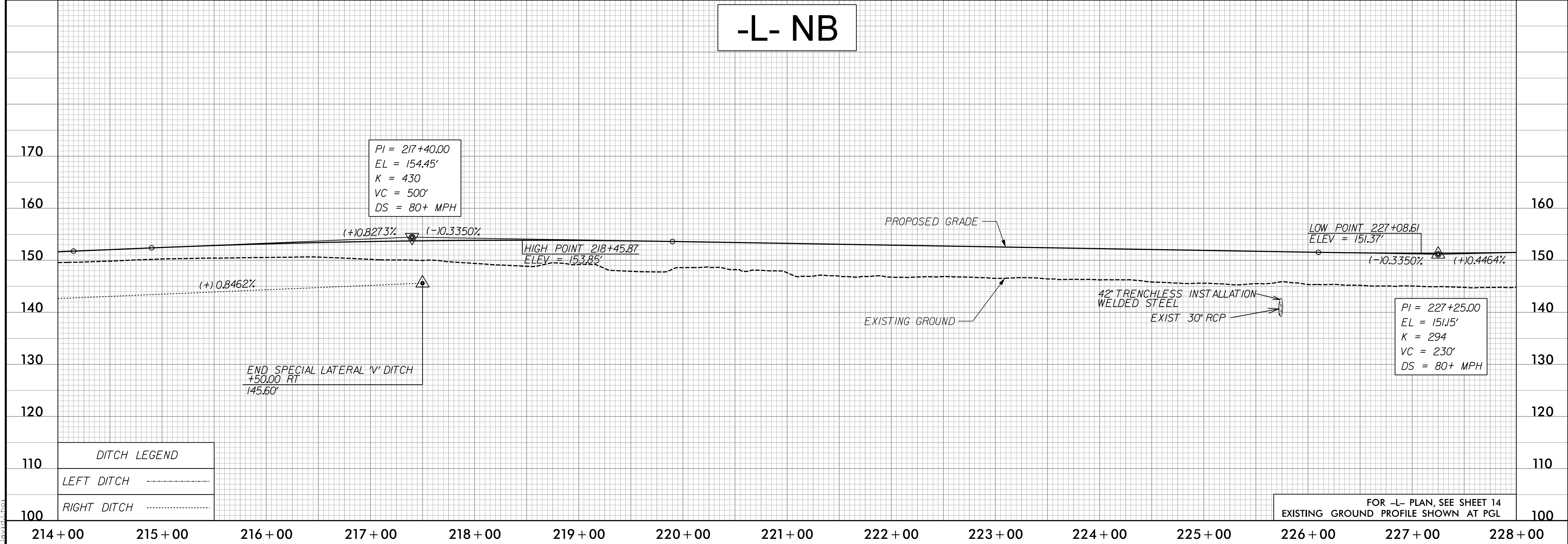
DRAINAGE AREA	= 20	AC
DESIGN FREQUENCY	= 100	YRS
DESIGN DISCHARGE	= 47	CFS
DESIGN HW ELEVATION	= 144.6	FT
100 YEAR DISCHARGE	= 47	CFS
100 YEAR HW ELEVATION	= 144.6	FT
OVERTOPPING FREQUENCY	= 200+	YRS
OVERTOPPING DISCHARGE	= 80	CFS
OVERTOPPING ELEVATION	= 149.6	FT

PROJECT REFERENCE NO.	1-5987A	SHEET NO.	51
ROADWAY DESIGN ENGINEER	5/18/2022	HYDRAULICS ENGINEER	5/19/2022
DocuSigned by: Steve Anthony Duan		DocuSigned by: Will Weatherstone	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
NV5			
NV5 ENGINEERS & CONSULTANTS, INC. 7500 E. INDEPENDENCE BLVD, STE 100 CHARLOTTE, NC 28227 P: 704.537.7300 www.NV5.com NC License # F-1333			



-L- NB

Vertical Curve Data:
 PI = 227+55.00
 EL = 151.10'
 K = 250
 VC = 230'
 DS = 80+ MPH



Vertical Curve Data:
 PI = 227+25.00
 EL = 151.15'
 K = 294
 VC = 230'
 DS = 80+ MPH

3/30/2022
P:\Projects\15987A_RDY_PSH_PFL_51.dgn
David Johnson

FOR -L- PLAN, SEE SHEET 14
EXISTING GROUND PROFILE SHOWN AT PGL