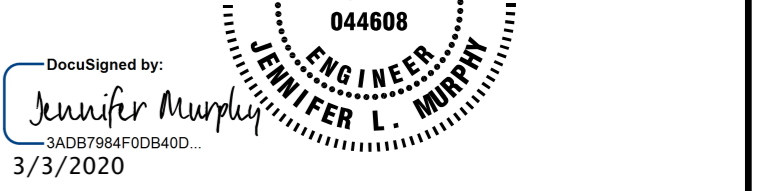


5/14/99

Kimley Horn
 421 FAYETTEVILLE STREET, SUITE 600
 RALEIGH, NC 27601

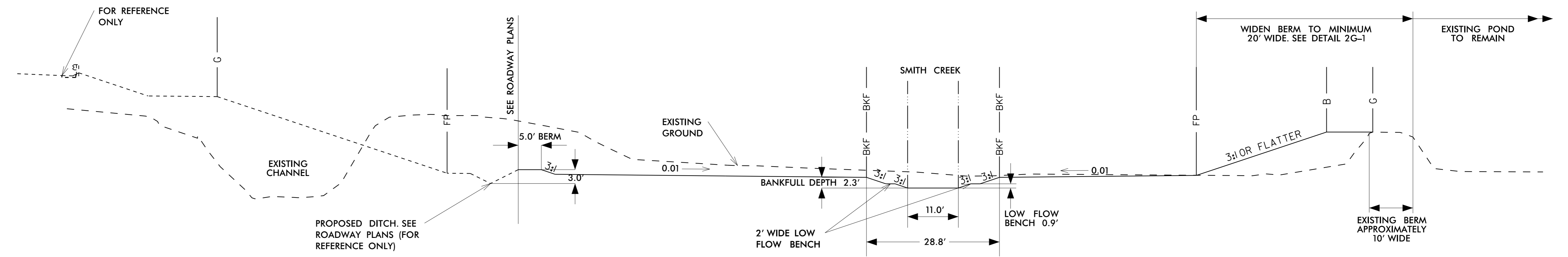
PROJECT REFERENCE NO. U-2579BA	SHEET NO. STREAM - 2A-5
HYDRAULICS ENGINEER	



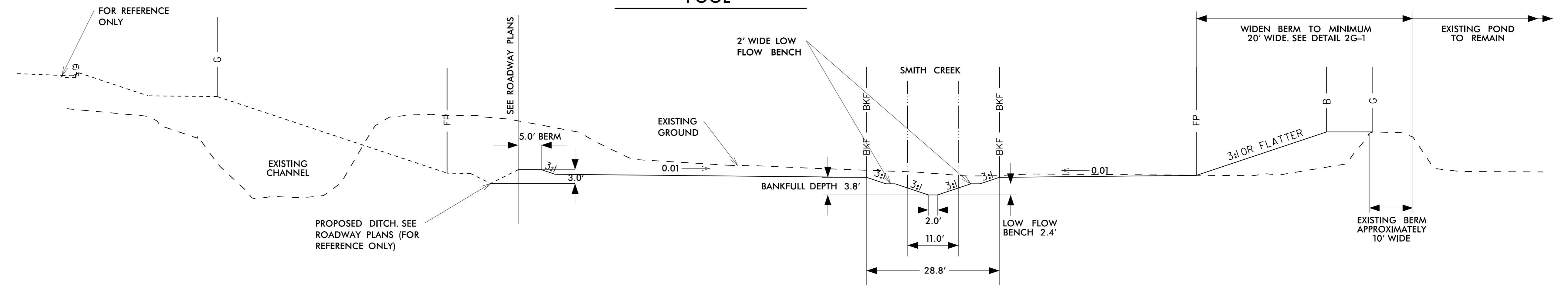
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

LEGEND	
	CHANNEL TOE
	BANKFULL
	GRADE BREAK POINT
	BACK OF FLOODPLAIN BENCH
	GRADING LIMITS
	TOP OF BERM

RIFFLE



POOL



STREAM TYPICAL SECTION NO. 5

DRAWING NOT TO SCALE

-SMITH CREEK- STA 23+44.00 TO 31+32.00

-Y4WB- STA 60+18.00 TO 67+52.00 RT

SEE STREAM-7 THRU STREAM-9 FOR RIFFLE AND POOL LOCATIONS

REVISIONS