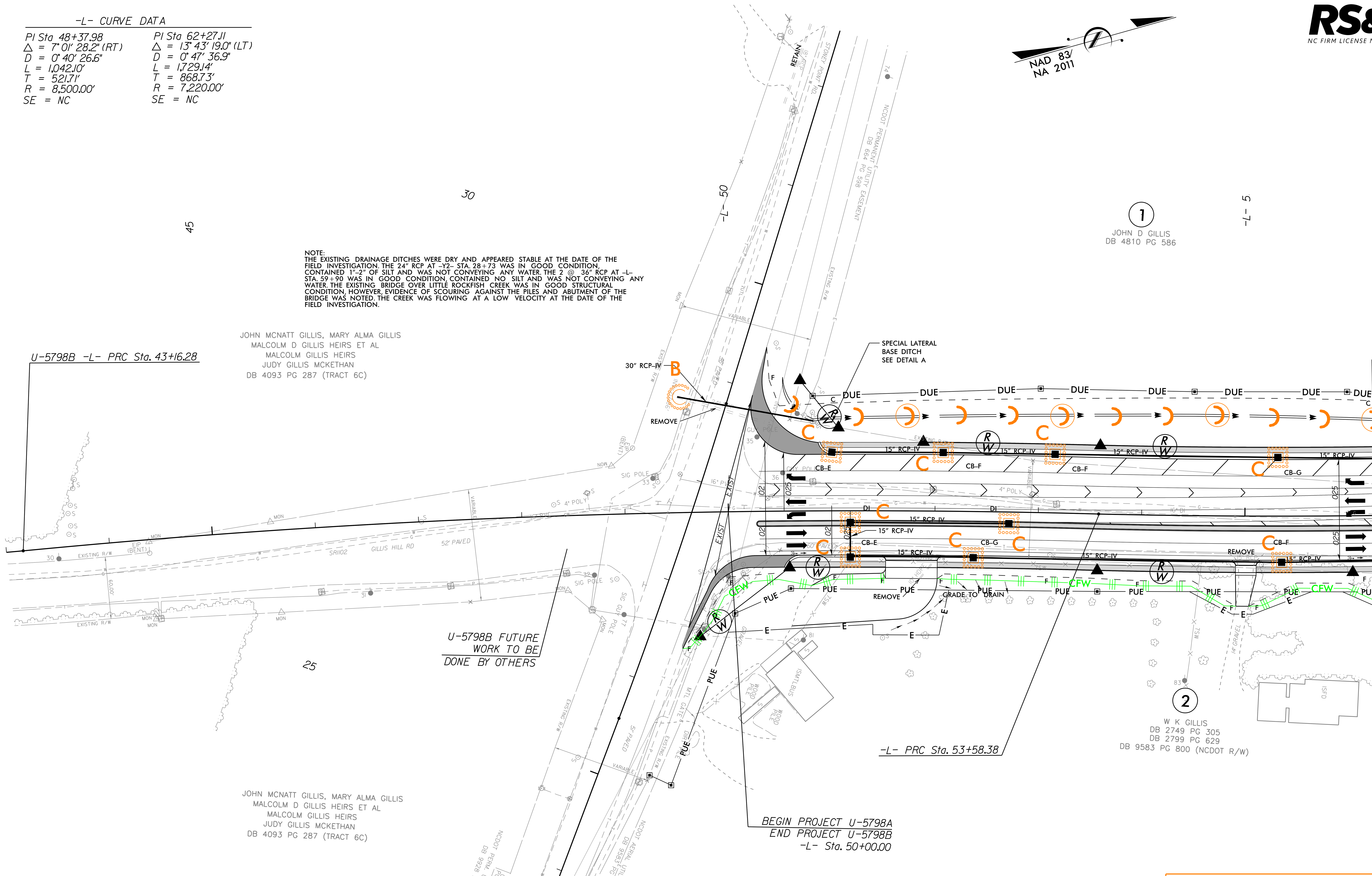
PROJECT REFERENCE NO.	SHEET NO.
U-5798A	EC-10/CONST.4

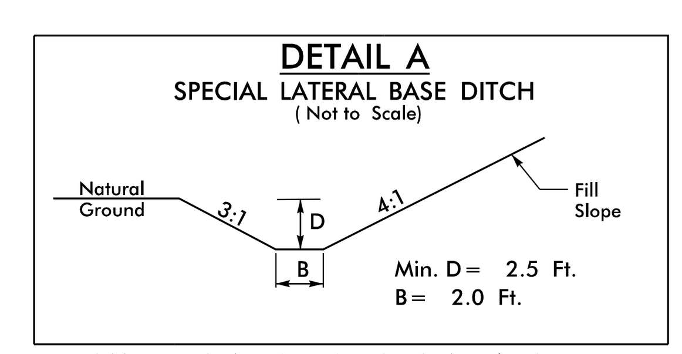
RS&H
NC FIRM LICENSE No: F-0493

-L- CURVE DATA

PI Sta 48+37.98	PI Sta 62+27.11
Δ = 7° 01' 28.2" (RT)	Δ = 13° 43' 19.0" (LT)
D = 0° 40' 26.6"	D = 0° 47' 36.9"
L = 1,042.10'	L = 1,729.14'
T = 521.71'	T = 868.73'
R = 8,500.00'	R = 7,220.00'
SE = NC	SE = NC

NOTE:
THE EXISTING DRAINAGE DITCHES WERE DRY AND APPEARED STABLE AT THE DATE OF THE FIELD INVESTIGATION. THE 24" RCP AT -Y2- STA. 28+73 WAS IN GOOD CONDITION, CONTAINED 1"-2" OF SILT AND WAS NOT CONVEYING ANY WATER. THE 2 @ 36" RCP AT -L- STA. 59+90 WAS IN GOOD CONDITION, CONTAINED NO SILT AND WAS NOT CONVEYING ANY WATER. THE EXISTING BRIDGE OVER LITTLE ROCKFISH CREEK WAS IN GOOD STRUCTURAL CONDITION, HOWEVER, EVIDENCE OF SCOURING AGAINST THE PILES AND ABUTMENT OF THE BRIDGE WAS NOTED. THE CREEK WAS FLOWING AT A LOW VELOCITY AT THE DATE OF THE FIELD INVESTIGATION.





NOTE:
UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF ROCK INLET SEDIMENT TRAPS, TYPE-C AS DIRECTED TO AVOID IMPOUNDMENT OF RUNOFF IN ROADWAY OPEN TO TRAFFIC.

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.

8/17/99

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