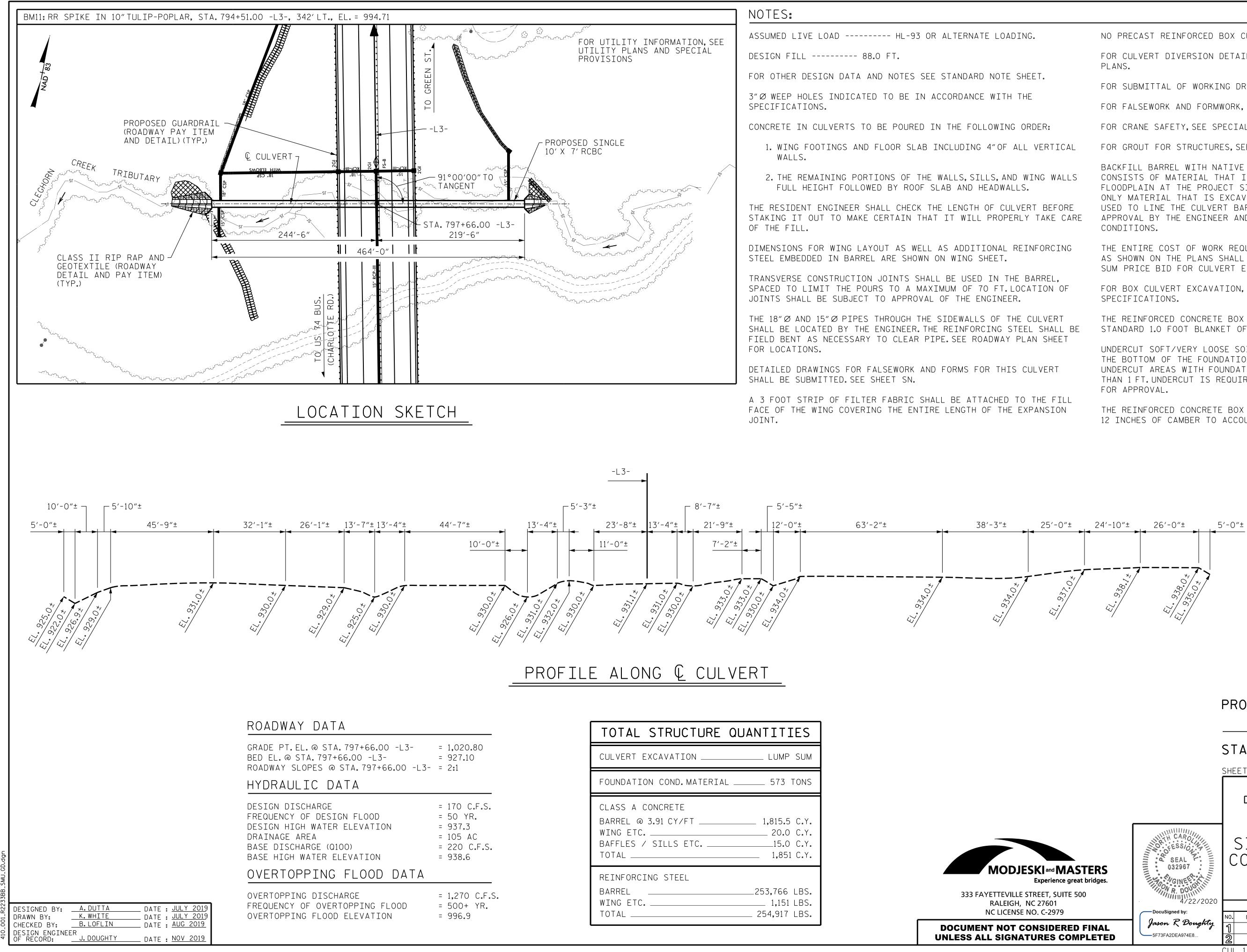
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TOTAL STRUCTURE QUA	ANTITIES
CULVERT EXCAVATION	LUMP_SUM
FOUNDATION COND.MATERIAL	573 TONS
CLASS A CONCRETE BARREL @ 3.91 CY/FT WING ETC BAFFLES / SILLS ETC TOTAL	20.0 C.Y. 15.0 C.Y.
REINFORCING STEEL BARREL WING ETC TOTAL	

NO PRECAST REINFORCED BOX CULVERT OPTION WILL BE ALLOWED. FOR CULVERT DIVERSION DETAILS AND PAY ITEM, SEE EROSION CONTROL

- FOR SUBMITTAL OF WORKING DRAWINGS, SEE SPECIAL PROVISIONS.
- FOR FALSEWORK AND FORMWORK, SEE SPECIAL PROVISIONS.
- FOR CRANE SAFETY, SEE SPECIAL PROVISIONS.
- FOR GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.
- BACKFILL BARREL WITH NATIVE BED MATERIAL.NATIVE BED MATERIAL CONSISTS OF MATERIAL THAT IS EXCAVATED FROM THE STREAM BED OR FLOODPLAIN AT THE PROJECT SITE DURING CULVERT CONSTRUCTION. ONLY MATERIAL THAT IS EXCAVATED FROM THE STREAM BED MAY BE USED TO LINE THE CULVERT BARREL.NATIVE MATERIAL IS SUBJECT TO APPROVAL BY THE ENGINEER AND MAY BE SUBJECT TO PERMIT
- THE ENTIRE COST OF WORK REQUIRED TO PLACE NATIVE BED MATERIAL AS SHOWN ON THE PLANS SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE BID FOR CULVERT EXCAVATION.
- FOR BOX CULVERT EXCAVATION. SEE SECTION 414 OF THE STANDARD
- THE REINFORCED CONCRETE BOX CULVERT SHALL BE PLACED ON THE STANDARD 1.0 FOOT BLANKET OF FOUNDATION CONDITIONING MATERIAL.

UNDERCUT SOFT/VERY LOOSE SOILS THAT MAY BE ENCOUNTERED BENEATH THE BOTTOM OF THE FOUNDATION CONDITIONING MATERIAL. BACKFILL UNDERCUT AREAS WITH FOUNDATION CONDITIONING MATERIAL. IF MORE THAN 1 FT. UNDERCUT IS REQUIRED, CONTACT THE OPERATIONS ENGINEER

THE REINFORCED CONCRETE BOX CULVERT SHALL BE CONSTRUCTED WITH 12 INCHES OF CAMBER TO ACCOUNT FOR ANTICIPATED SETTLEMENT.

	PROJECT NO. <u>R-2233BB</u> RUTHERFORD COUNTY STATION: 797+66.00 -L3-			
	STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH			
SEAL 032967	SINGLE 10 FT.X 7 FT. CONCRETE BOX CULVERT 91°-00'-00" SKEW			
4/22/2020	REVISIONS SHEET NO. NO. BY: DATE: NO. BY: DATE: C1-1			

TOTAL SHEETS

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