

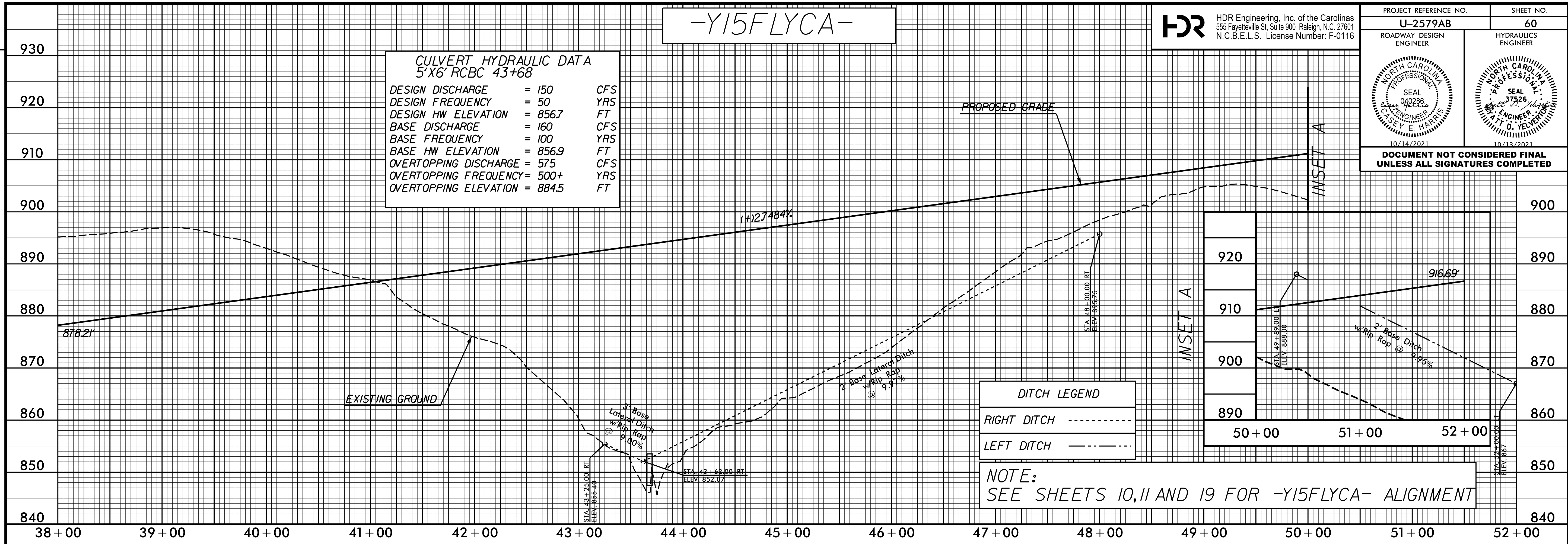
# -Y15FLYCA-

**HDR** HDR Engineering, Inc. of the Carolinas  
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N.C.B.E.L.S. License Number: F-0116

PROJECT REFERENCE NO. <b>U-2579AB</b>	SHEET NO. <b>60</b>
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

**CULVERT HYDRAULIC DATA**  
5'X6' RCBC 43+68

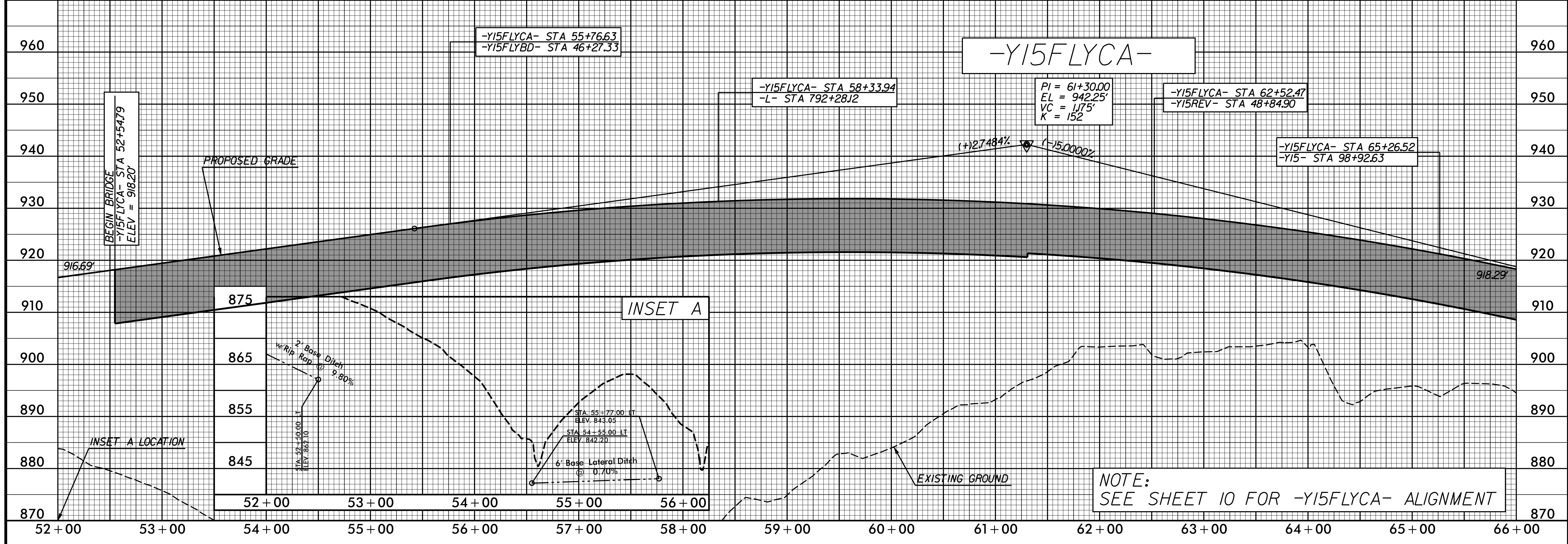
DESIGN DISCHARGE	= 150	CFS
DESIGN FREQUENCY	= 50	YRS
DESIGN HW ELEVATION	= 856.7	FT
BASE DISCHARGE	= 160	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 856.9	FT
OVERTOPPING DISCHARGE	= 575	CFS
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING ELEVATION	= 884.5	FT



**DITCH LEGEND**

RIGHT DITCH	-----
LEFT DITCH	-----

NOTE:  
SEE SHEETS 10, 11 AND 19 FOR -Y15FLYCA- ALIGNMENT



NOTE:  
SEE SHEET 10 FOR -Y15FLYCA- ALIGNMENT

REVISIONS

PLOT DRIVER: NCDOT\_pdf\_color\_eng\_50.plt  
 USER: CHARRIS  
 DATE: 7/13/2021  
 TIME: 3:25:19 PM  
 FILE: NCDOT\NCDOT-U2579AB\6.0.CAD.BTM\6.2.Work\In\_Progress\U-2579AB\Roadway\Prj\U2579ab\_rdy\_psh.plt.60.dgn