PROJECT REFERENCE NO.	SHEET NO.
17BP.5.R.88	5

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 034407 ENGINEER ANDREW P. YOUNG
DocuSigned by: Andrew P. Young 3/11/2022

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 20147 ENGINEER FRANK F. FLEMING
DocuSigned by: Frank Fleming 3/11/2022

STEWART
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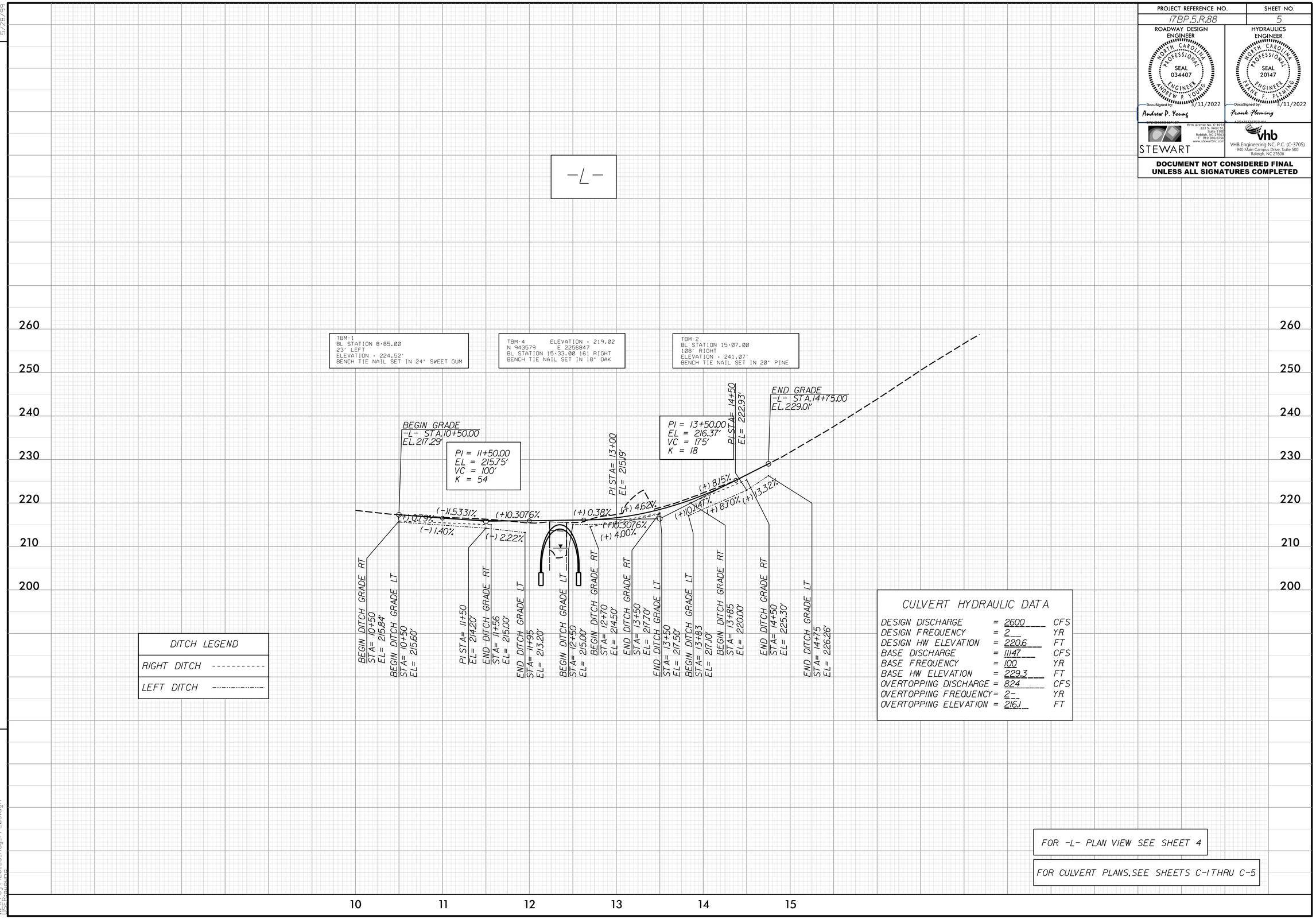
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



DITCH LEGEND

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

CULVERT HYDRAULIC DATA

DESIGN DISCHARGE	=	2600	CFS
DESIGN FREQUENCY	=	2	YR
DESIGN HW ELEVATION	=	220.6	FT
BASE DISCHARGE	=	11147	CFS
BASE FREQUENCY	=	100	YR
BASE HW ELEVATION	=	229.3	FT
OVERTOPPING DISCHARGE	=	824	CFS
OVERTOPPING FREQUENCY	=	2	YR
OVERTOPPING ELEVATION	=	216.1	FT

FOR -L- PLAN VIEW SEE SHEET 4

FOR CULVERT PLANS, SEE SHEETS C-1 THRU C-5

5/28/99
3/11/2022
jkroll
USER:jkroll
pw:\\pwdevpw\proj\4702\Projects\17BP.5.R.88_R-5820_Rdy_Hydraulics\Design\Roadway\Sheets\Culvert\17BP5R88_Culvert_Sheet.dgn