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LOUIS BERGER
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Raleigh, North Carolina 27605
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PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.48	5

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 27933 ENGINEER R. D. ODELL
DocuSigned by: RD Odell
7814D077D4A4A4...
1/9/2018

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 16003 ENGINEER D. R. HATFIELD
DocuSigned by: Dennis Hatfield
B20C3D8...
2/5/2018

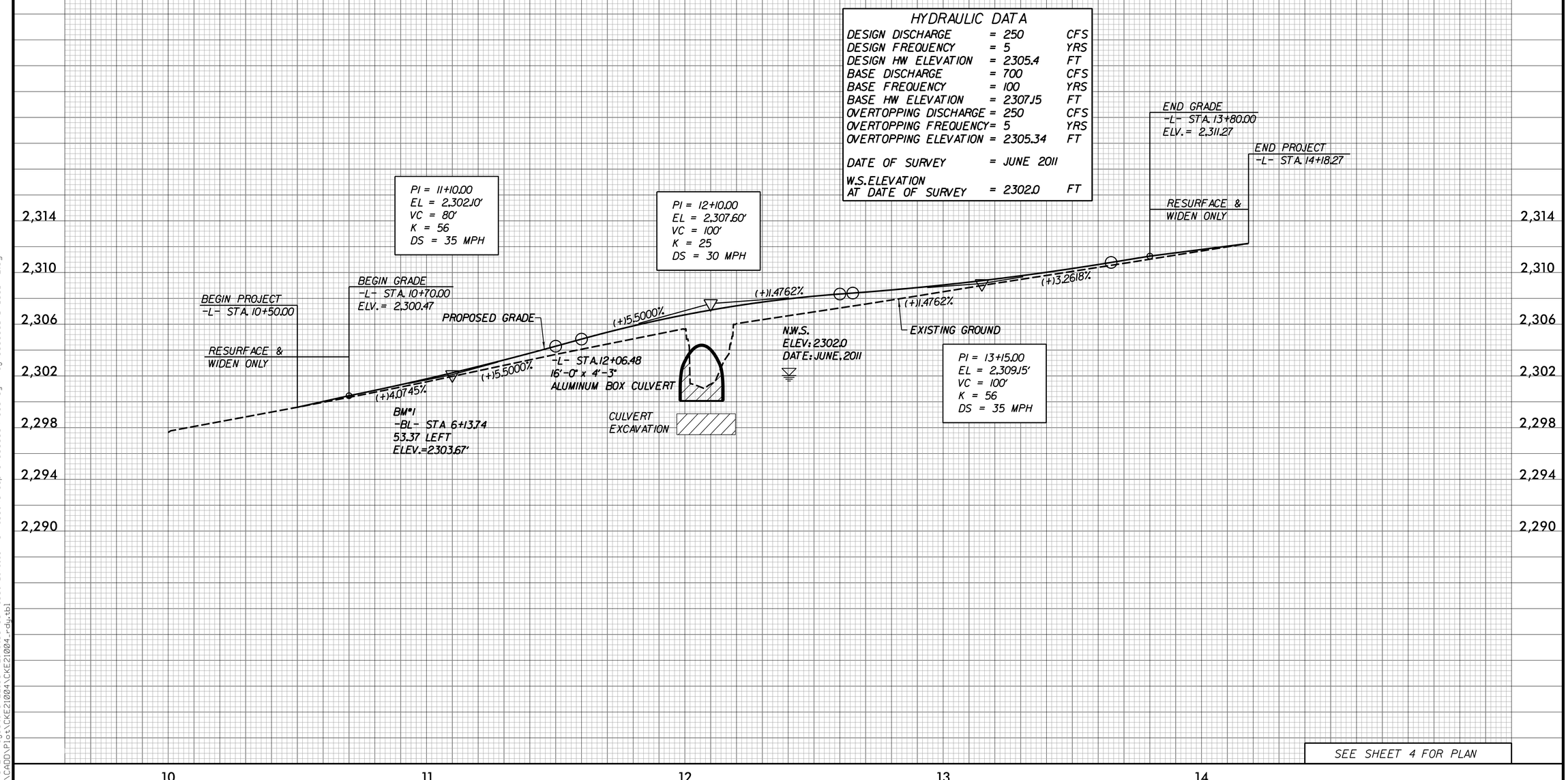
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-L-

0 20 40 HORIZONTAL
0 4 8 VERTICAL

HYDRAULIC DATA

DESIGN DISCHARGE	=	250	CFS
DESIGN FREQUENCY	=	5	YRS
DESIGN HW ELEVATION	=	2305.4	FT
BASE DISCHARGE	=	700	CFS
BASE FREQUENCY	=	100	YRS
BASE HW ELEVATION	=	2307.15	FT
OVERTOPPING DISCHARGE	=	250	CFS
OVERTOPPING FREQUENCY	=	5	YRS
OVERTOPPING ELEVATION	=	2305.34	FT
DATE OF SURVEY	=	JUNE 2011	
W.S. ELEVATION AT DATE OF SURVEY	=	2302.0	FT



SEE SHEET 4 FOR PLAN

1/25/2018 2:05:50 PM
G:\CKE Projects\CKE21004 Limited Services Division Offices\Group 3\550308\Roadway\Proj\550308_RDY_05_PFL.dgn
G:\CADD\Plot\CKE21004\CKE21004_rdy.tbl