

5/28/2019

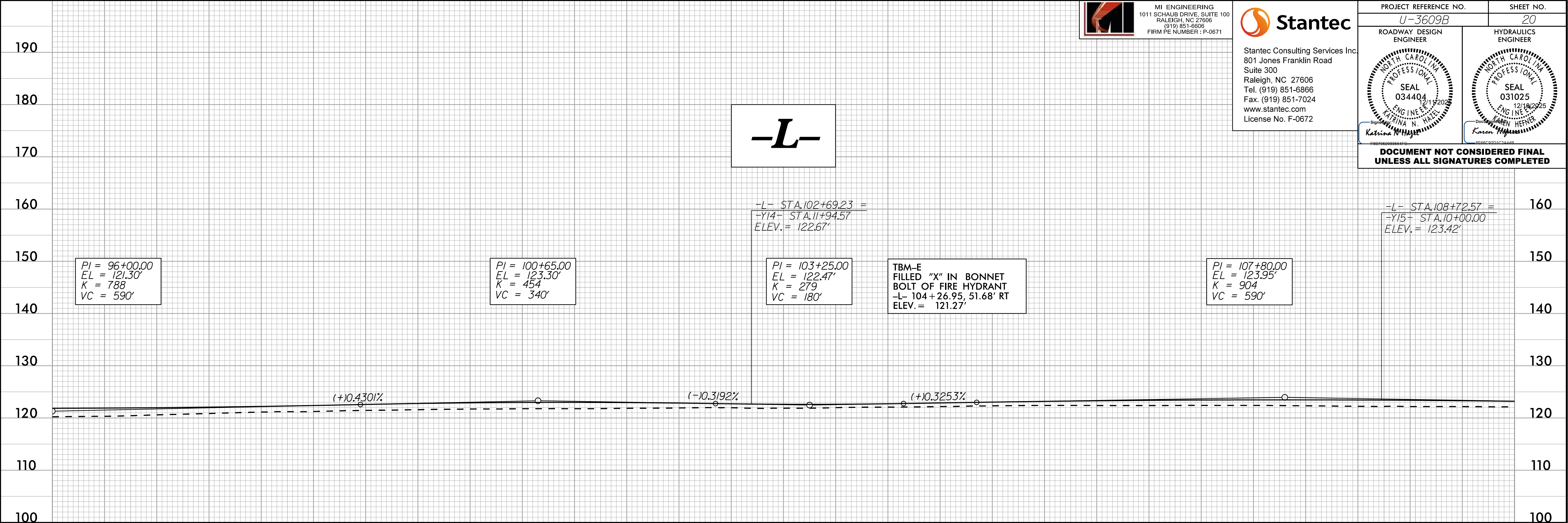


MI ENGINEERING
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FIRM PE NUMBER : P-0671



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PROJECT REFERENCE NO.		SHEET NO.
U-3609B		20
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		



11/25/2025
U:\Projects\2025\113609B\rdy_PSH.pfl.dgn
dlg

-L-

PIPE HYDRAULIC DATA		
42" RCP -L- Sta.116+85		
DRAINAGE AREA	= 50.4	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 78	CFS
DESIGN HW ELEVATION	= 120.47	FT
100 YEAR DISCHARGE	= 84	CFS
100 YEAR HW ELEVATION	= 120.78	FT
OVERTOPPING FREQUENCY	= +500	YRS
OVERTOPPING DISCHARGE	= 112	CFS
OVERTOPPING ELEVATION	= 122.55	FT

PI = 115+50.00
EL = 121.43'
K = 1243
VC = 950'

TBM-F
TOP OF GROUNDING
ROD IN CONCRETE BASE
-L- 121+59.42, 109.92' RT
ELEV.= 123.34'

PI = 122+75.00
EL = 124.60'
K = 92
VC = 200'
DS = 45 MPH

SEE PLAN SHEETS 10, 11, & 12 FOR -L- PLAN

