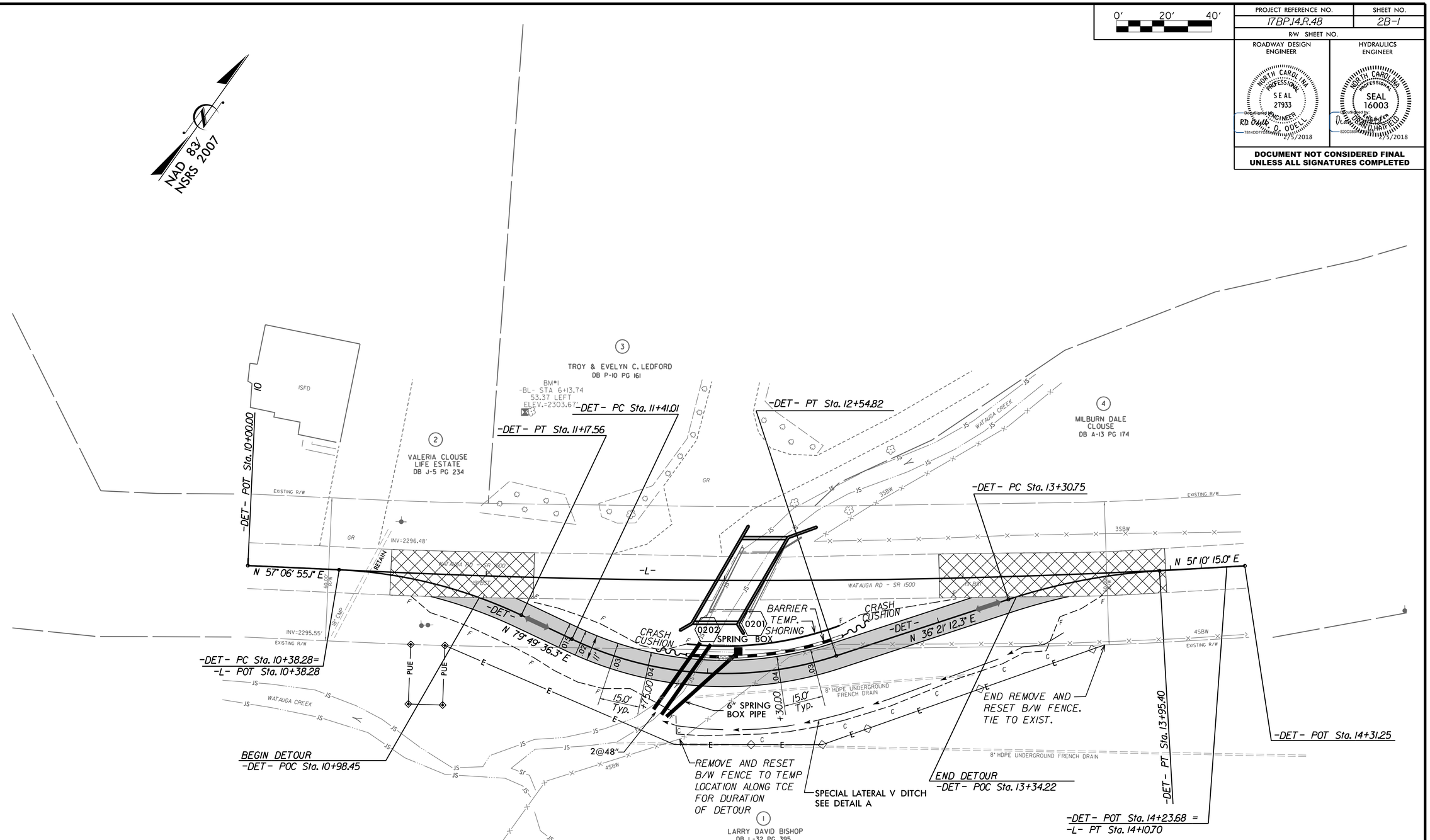
DocuSign Envelope ID: 14C389DA-0793-445A-B520-89B857D23BA6

PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.48	2B-1
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 27933 ENGINEER R. D. ODELL — DocuSigned by: RD Odell — 7814DD7... — 2/5/2018

HYDRAULICS ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 16003 ENGINEER D. HAYES HEATH — DocuSigned by: D. Hayes Heath — 820D38... — 2/5/2018

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



NOTES:

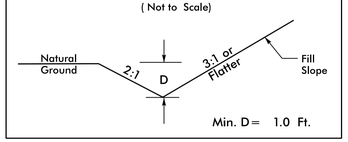
THE EXISTING FRENCH DRAIN SYSTEM THAT MAY BE DAMAGED DURING CONSTRUCTION ACTIVITIES WILL NEED TO BE REPAIRED ONCE THE DETOUR IS REMOVED.

CONTRACTOR SHALL INSTALL UNDERDRAINS PER DIRECTION OF ENGINEER.

CURVE DATA FOR -DET-

PI Sta 10+78.45	PI Sta 12+00.81	PI Sta 13+63.25
Δ = 22° 42' 41.3" (RT)	Δ = 43° 28' 24.0" (LT)	Δ = 14° 49' 02.7" (RT)
D = 28° 38' 52.4"	D = 38° 11' 49.9"	D = 22° 55' 05.9"
L = 79.28'	L = 113.81'	L = 64.65'
T = 40.17'	T = 59.80'	T = 32.51'
R = 200.00'	R = 150.00'	R = 250.00'
SE = .015	SE = .04	SE = .03
RO = 22.5'	RO = 60'	RO = 45'

DETAIL A
SPECIAL LATERAL 'V' DITCH
(Not to Scale)



FROM -DET- STA. 11+83 TO STA. 13+50 -RT-

SEE SHEET 4 FOR PLAN
SEE SHEET 2B-2 FOR PROFILE

LOUIS BERGER
1001 Wade Avenue, Suite 400
Raleigh, NC 27605-3322
License No.: F-0840

ROADWAY PLANS

1/25/2018 1:00:31 PM
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