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5/28/99

HNTB HNTB NORTH CAROLINA, P.C.
4000 Center at North Hills St
Suite 500
Raleigh, North Carolina 27609
NC License No: C-1554

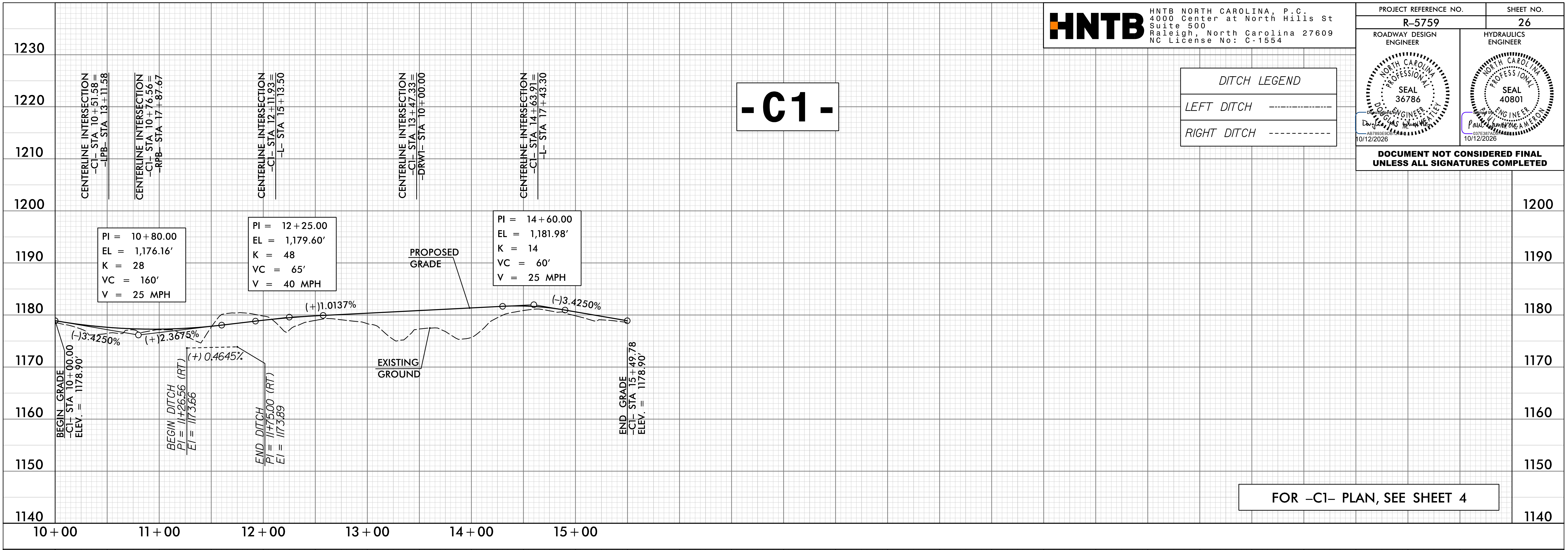
PROJECT REFERENCE NO.	SHEET NO.
R-5759	26

ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
SEAL 36786 DOUGLAS M. WHEATLEY DocuSigned by: Douglas M. Wheatley AB7893E9DB 10/12/2026	SEAL 40801 PAUL CAMERON Signed by: Paul Cameron 037E387AD9 10/12/2026

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

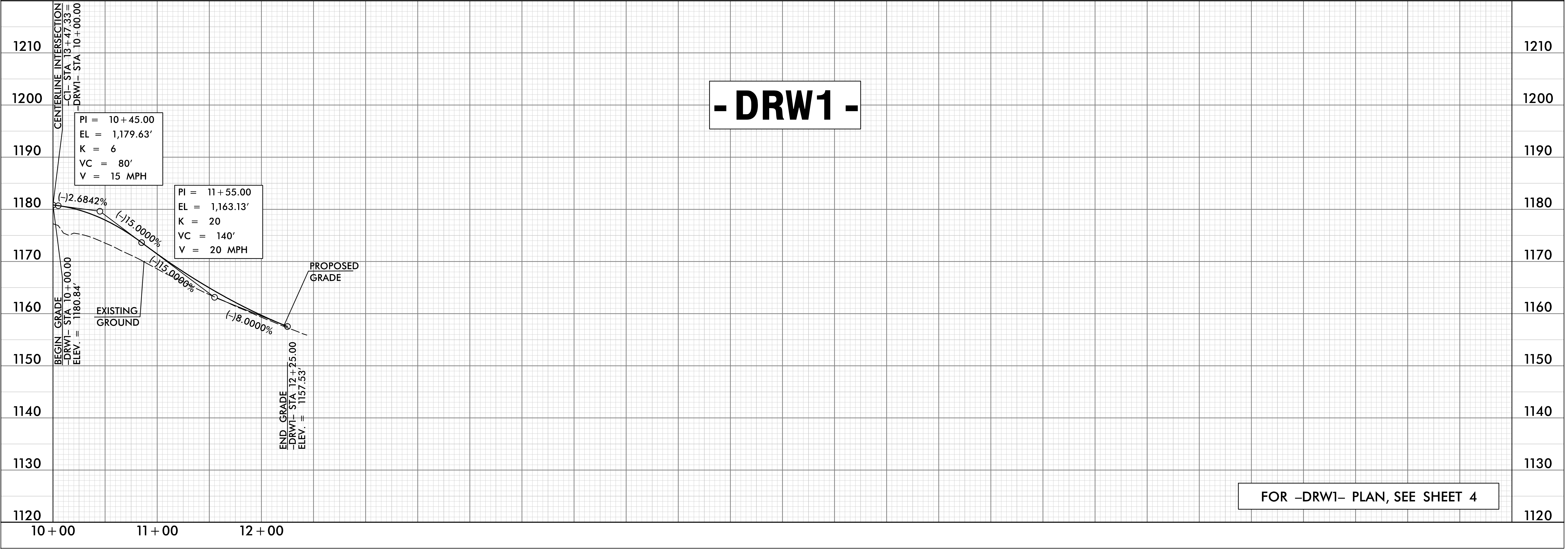
-C1-



1230
1220
1210
1200
1190
1180
1170
1160
1150
1140
CENTERLINE INTERSECTION -C1- STA 10+51.58= -LPB- STA 13+11.58
CENTERLINE INTERSECTION -C1- STA 10+76.56= -RPB- STA 17+87.67
CENTERLINE INTERSECTION -C1- STA 12+11.93= -L- STA 15+13.50
CENTERLINE INTERSECTION -C1- STA 13+47.33= -DRW1- STA 10+00.00
CENTERLINE INTERSECTION -C1- STA 14+63.91= -L- STA 17+43.30
PI = 10+80.00
EL = 1,176.16′
K = 28
VC = 160′
V = 25 MPH
PI = 12+25.00
EL = 1,179.60′
K = 48
VC = 65′
V = 40 MPH
PI = 14+60.00
EL = 1,181.98′
K = 14
VC = 60′
V = 25 MPH
PROPOSED GRADE
(+)1.0137%
(–)3.4250%
(–)3.4250%
(+)2.3675%
(+) 0.4645%
EXISTING GROUND
BEGIN GRADE -C1- STA 10+00.00 ELEV. = 1178.90′
BEGIN DITCH PI = 11+26.56 (RT) EI = 1173.66
END DITCH PI = 11+75.00 (RT) EI = 1173.89
END GRADE -C1- STA 15+49.78 ELEV. = 1178.90′
10+00
11+00
12+00
13+00
14+00
15+00

FOR –C1– PLAN, SEE SHEET 4

-DRW1-



1210
1200
1190
1180
1170
1160
1150
1140
1130
1120
CENTERLINE INTERSECTION -C1- STA 13+47.33= -DRW1- STA 10+00.00
PI = 10+45.00
EL = 1,179.63′
K = 6
VC = 80′
V = 15 MPH
PI = 11+55.00
EL = 1,163.13′
K = 20
VC = 140′
V = 20 MPH
(–)2.6842%
(–)15.0000%
(–)15.0000%
(–)8.0000%
PROPOSED GRADE
EXISTING GROUND
BEGIN GRADE -DRW1- STA 10+00.00 ELEV. = 1180.84′
END GRADE -DRW1- STA 12+25.00 ELEV. = 1157.53′
10+00
11+00
12+00

FOR –DRW1– PLAN, SEE SHEET 4

07-AUG-2026 09:40
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