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8/17/99

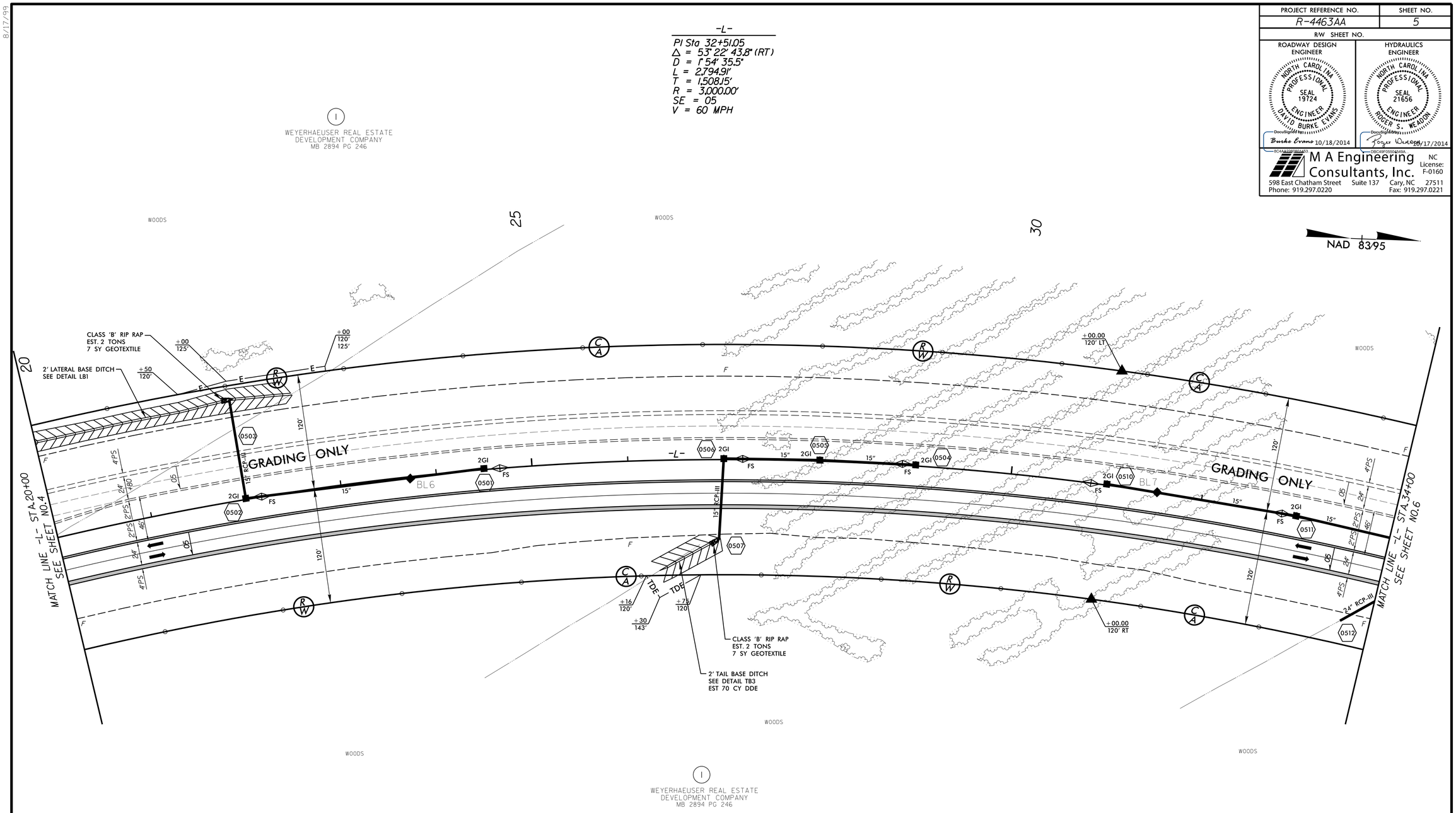
PROJECT REFERENCE NO.	SHEET NO.
R-4463AA	5
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 19724 ENGINEER DAVID BURKE EVANS
DocuSigned by: Burke Evans 10/18/2014
8CAF4F3E2B0A4B3...

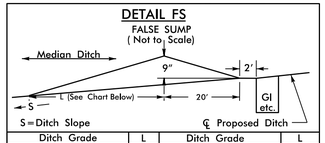
HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 21656 ENGINEER ROGER S. WEADON
DocuSigned by: Roger Weadon 10/17/2014
DBD49F0550A54BA...

M A Engineering Consultants, Inc.
NC License: F-0160
598 East Chatham Street Suite 137 Cary, NC 27511
Phone: 919.297.0220 Fax: 919.297.0221

-L-
PI Sta 32+51.05
Δ = 53° 22' 43.8" (RT)
D = 1° 54' 35.5"
L = 2,794.91'
T = 1,508.15'
R = 3,000.00'
SE = 05
V = 60 MPH



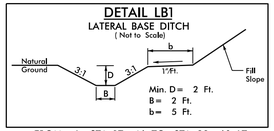
DETAIL FS
FALSE SUMP
(Not to Scale)



Ditch Grade	L	Ditch Grade	L
0.0% To 2.0%	20'	Over 4.0% To 6.0%	40'
Over 2.0% To 4.0%	30'	Over 6.0%	50'

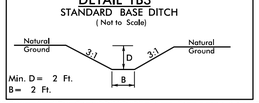
FROM -L- STA. 22+04 TO STA. 22+44
FROM -L- STA. 24+54 TO STA. 24+94
FROM -L- STA. 27+04 TO STA. 27+44
FROM -L- STA. 28+56 TO STA. 28+96
FROM -L- STA. 30+56 TO STA. 30+96
FROM -L- STA. 32+56 TO STA. 32+96

DETAIL LB1
LATERAL BASE DITCH
(Not to Scale)



FROM -L- STA. 17+46 TO STA. 22+63 LT

DETAIL TB3
STANDARD BASE DITCH
(Not to Scale)



FROM -L- STA. 26+30(115' RT) TO STA. 26+95(82' RT)

SEE SHEET 9 FOR -L- PROFILE

9/26/2014
C:\pwworking\proj\R4463AA_rdy_psh05.dgn
5:08:24 PM