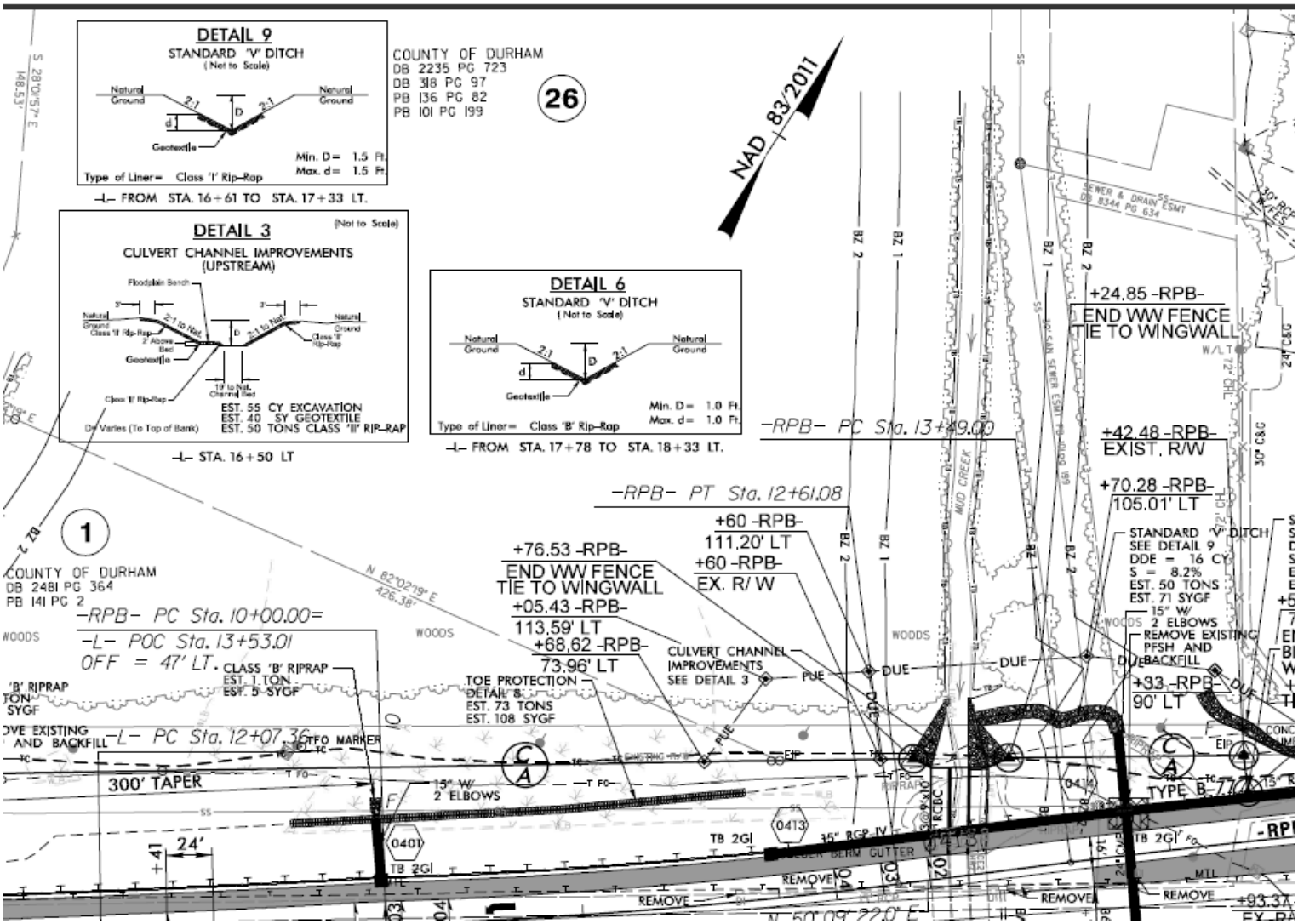
DETAIL 9
STANDARD 'V' DITCH
(Not to Scale)
Natural Ground
2:1
D
d
Geotextile
Min. D = 1.5 Ft.
Max. d = 1.5 Ft.
Type of Liner = Class 'I' Rip-Rap
-L- FROM STA. 16+61 TO STA. 17+33 LT.
COUNTY OF DURHAM
DB 2235 PG 723
DB 318 PG 97
PB 136 PG 82
PB 101 PG 199
26
NAD 83/2011
DETAIL 3
(Not to Scale)
CULVERT CHANNEL IMPROVEMENTS
(UPSTREAM)
Floodplain Bench
Class 'B' Rip-Rap
Geotextile
EST. 55 CY EXCAVATION
EST. 40 SY GEOTEXTILE
EST. 50 TONS CLASS 'III' RIP-RAP
D= Varies (To Top of Bank)
-L- STA. 16+50 LT
DETAIL 6
STANDARD 'V' DITCH
(Not to Scale)
Min. D = 1.0 Ft.
Max. d = 1.0 Ft.
Type of Liner = Class 'B' Rip-Rap
-L- FROM STA. 17+78 TO STA. 18+33 LT.
-RPB- PC Sta. 13+49.00
+24.85 -RPB-
END WW FENCE
TIE TO WINGWALL
+42.48 -RPB-
EXIST. R/W
+70.28 -RPB-
105.01' LT
-RPB- PT Sta. 12+61.08
+60 -RPB-
111.20' LT
+60 -RPB-
EX. R/W
+76.53 -RPB-
END WW FENCE
TIE TO WINGWALL
+05.43 -RPB-
113.59' LT
+68.62 -RPB-
73.96' LT
STANDARD 'V' DITCH
SEE DETAIL 9
DDE = 16 CY
S = 8.2%
EST. 50 TONS
EST. 71 SYGF
15" W/
2 ELBOWS
REMOVE EXISTING
PFSH AND
BACKFILL
+33 -RPB-
90' LT
1
COUNTY OF DURHAM
DB 2481 PG 364
PB 141 PG 2
-RPB- PC Sta. 10+00.00=
-L- POC Sta. 13+53.01
OFF = 47' LT.
CLASS 'B' RIPRAP
EST. 1 TON
EST. 5 SYGF
TOE PROTECTION
DETAIL 8
EST. 73 TONS
EST. 108 SYGF
CULVERT CHANNEL
IMPROVEMENTS
SEE DETAIL 3
-L- PC Sta. 12+07.36
300' TAPER
15" W/
2 ELBOWS
24'
TYPE B-7.01
REMOVE
WOODS
MUD CREEK
N 82°02'19" E
426.38'
S 28°01'57" E
148.53'
N 50°09'22" E