Docusign Envelope ID: BB3CB117-9836-43B2-8E48-D183733BD6A1

PROJECT REFERENCE NO.	SHEET NO.
BP14.R006	EC-5/CONST-4

NV5 ENGINEERS & CONSULTANTS, INC.
7500 E. INDEPENDENCE BLVD, STE 100
CHARLOTTE, NC 28227
P: 704.537.7300 www.NV5.com
NC License # F-1333

NAD 83 95

REVISIONS 8/17/99

LAKE ADGER PROPERTY OWNERS ASSOCIATION, INC DB 383 PG 1925 CARD FILE D PG 975

THOMAS E. CATO MARTHA W. CATO DB 305 PG 1514 CARD FILE D PG 975

PARKWAY NORTH 60' R/W PER CARD FILE D PG 927 & CARD FILE D PG 975

LAKE ADGER DEVELOPERS, INC. DB 237 PG 1886 CARD FILE D PG 927

SYLVIA J. BELLAMY DB 363 PG 475 CARD FILE E PG 260

LAKE ADGER PROPERTY OWNERS ASSOCIATION, INC. DB 383 PG 1925 CARD FILE E PG 237

LEROY L. FLOCK ERIKA E. FLOCK DB 413 PG 2042 CARD FILE D PG 927

ROGER B. TAYLOR ALEXANDRA M. TAYLOR DB 330 PG 2009 CARD FILE E PG 260

BELLSOUTH DB 290 PG 979

-L- PC Sta. 6+75.00

-L- PRC Sta. 8+22.12

-L- PRC Sta. 9+05.16

-L- PRC Sta. 9+96.98

-DRI- POT Sta. 10+00.00 = -L- POC Sta.12+16.27

BEGIN SBG AT 11+00.00 (END GREU) END SBG AT 12+39.52 (BEGIN APPROACH SLAB)

BEGIN APPROACH SLAB STA. 12+51.66

CHANNEL CHANGE SEE SHEET 28-3, DETAIL 1

BEGIN BRIDGE STA. 12+63.68

END BRIDGE STA. 12+21.32 TAIL DITCH SEE DETAIL 5 REMOVE 26' EXISTING 18" RCP

END APPROACH SLAB STA. 13+33.30

3 TON CLASS B RIP RAP 10 SY OF GEOTEXTILE

-L- PT Sta. 13+95.77

S 83° 34' 50.5" E

-L- POT Sta. 14+82.71

BEGIN FDPS STA. 10+00.00 1 TON CLASS B RIP RAP, 5 SY OF GEOTEXTILE

BEGIN FDPS STA. 9+60.96

GRADE TO DRAIN

BEGIN CONSTRUCTION -L- POC Sta. 9+60.96

15" RCP-IV

15"CSP

2GI ◊402

BDO ◊405

BEGIN SBG STA. 10+18.64 (END GREU) END SBG STA. 10+50.00 (BEGIN WALL)

CONCRETE DITCH BEHIND RETAINING WALL SEE DETAIL 3

BEGIN RETAINING WALL AND SINGLE FACE BARRIER STA. 10+50.00 END STA. 11+70.00

SPECIAL 'V' DITCH SEE DETAIL 4

END FDPS STA. 12+25.81

-L- PRC Sta. 11+94.23

BEGIN FDPS STA. 12+25.80

PLACE MATTING FOR EROSION CONTROL IN DITCHLINE - 20 SY -L- STA. 11+70 TO 12+00 RT

S 16° 38' 20.4" W

-DRI- PC Sta. 10+24.14

-DRI- PRC Sta. 10+46.76

3 TON CLASS B RIP RAP 10 SY OF GEOTEXTILE

-DRI- PT Sta. 11+09.37

S 2° 03' 10.2" W

-DRI- POT Sta. 11+22.82

END FDPS STA. 14+25.47

BEGIN SBG STA. 13+25.47 (END APP. SLAB) END SBG STA. 13+40.00

15" RCP-IV 2GI ◊410

CHANNEL REALIGNMENT SEE DETAIL 1 END FDPS STA. 14+48.45

CLASS 2 RIP RAP

END CONSTRUCTION -DRI- STA.11+12.00

-L- PRC Sta. 16+55.39

-L- PCC Sta. 17+69.80

-L- PCC Sta. 15+83.04

END CONSTRUCTION -L- POC Sta.15+38.00

BEGIN RESURFACING -L- POT Sta.14+77.00

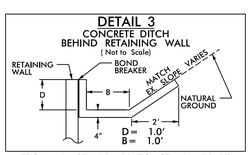
-L- PT Sta. 18+55.87

-L- PCC Sta. 17+04.75

BEGIN PROJECT BP14.R006
-L- POC Sta. 10+00.00

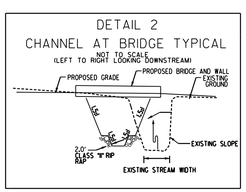
END PROJECT BP14.R006
-L- POT Sta. 14+77.00

DETAIL 3
CONCRETE DITCH BEHIND RETAINING WALL
(Not to Scale)

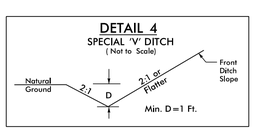


FROM -L- STA. 10+50 TO STA. 11+70 RT

DETAIL 2
CHANNEL AT BRIDGE TYPICAL
NOT TO SCALE
(LEFT TO RIGHT LOOKING DOWNSTREAM)

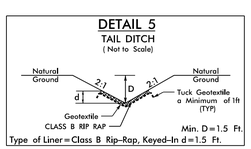


DETAIL 4
SPECIAL 'V' DITCH
(Not to Scale)



FROM -L- STA. 11+70 TO STA. 12+00 RT

DETAIL 5
TAIL DITCH
(Not to Scale)



Type of Liner=Class B Rip-Rap, Keyed-In d=1.5 Ft.

FROM -L- STA. 12+85 TO STA. 13+32 LT
DDE - 15 CY
CLASS B RIP RAP - 17 TONS GEOTEXTILE - 38 SY

-DRI-

PI Sta 10+38.79	PI Sta 10+84.00
Δ = 92° 34' 08.7" (LT)	Δ = 77° 58' 58.5" (RT)
D = 409° 15' 20.0"	D = 124° 33' 21.8"
L = 22.62'	L = 62.61'
T = 14.64'	T = 37.24'
R = 14.00'	R = 46.00'

-L-

PI Sta 7+48.63	PI Sta 8+63.76	PI Sta 9+51.16	PI Sta 10+95.66	PI Sta 12+97.19
Δ = 6° 01' 15.2" (LT)	Δ = 10° 41' 32.6" (RT)	Δ = 8° 46' 05.0" (LT)	Δ = 4° 31' 13.9" (RT)	Δ = 28° 52' 10.7" (LT)
D = 4° 05' 33.2"	D = 12° 52' 31.6"	D = 9° 32' 57.5"	D = 2° 17' 30.6"	D = 14° 19' 26.2"
L = 147.12'	L = 83.04'	L = 91.82'	L = 197.25'	L = 201.55'
T = 73.63'	T = 41.64'	T = 46.00'	T = 98.67'	T = 102.96'
R = 1,400.00'	R = 445.00'	R = 600.00'	R = 2,500.00'	R = 400.00'
SE = EX.	SE = EX.	SE = EX.	SE = NC	SE = 04
				V = 20 MPH

PI Sta 15+34.14	PI Sta 16+19.23	PI Sta 16+80.14	PI Sta 17+40.29	PI Sta 18+13.13
Δ = 31° 04' 25.3" (LT)	Δ = 3° 34' 24.2" (LT)	Δ = 10° 52' 37.2" (RT)	Δ = 57° 20' 27.6" (RT)	Δ = 16° 26' 18.3" (RT)
D = 30° 58' 14.5"	D = 4° 56' 21.4"	D = 22° 02' 12.6"	D = 88° 08' 50.5"	D = 19° 05' 54.9"
L = 100.33'	L = 72.35'	L = 49.36'	L = 65.05'	L = 86.07'
T = 51.43'	T = 36.18'	T = 24.75'	T = 35.54'	T = 43.33'
R = 185.00'	R = 1,160.00'	R = 260.00'	R = 65.00'	R = 300.00'
SE = EX.	SE = EX.	SE = EX.	SE = EX.	SE = EX.

FOR -L- PROFILE SEE SHT. 5
FOR -DRI- PROFILE SEE SHT. 5

10/14/2025
R:\Environmental\Design\R193_EC_PSH_05_FINAL.dgn
jlwalker.dgn