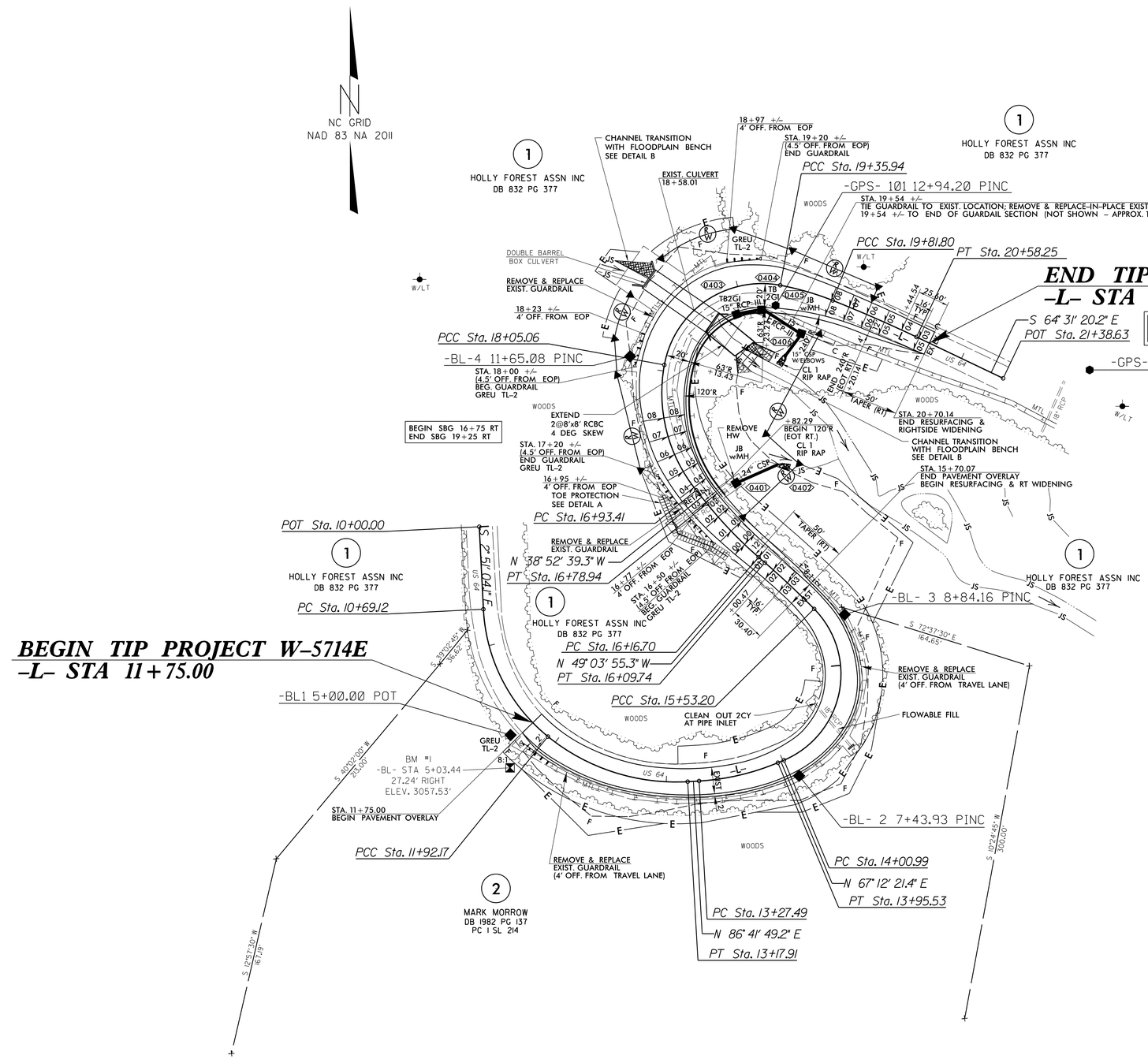
DocuSign Envelope ID: 5A957BDF-DAA9-4B4A-9594-5ABA6DFB4CA0

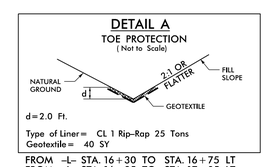
ms consultants, inc.
5444 Wade Park Blvd.
Suite 160
Raleigh, NC 27607
NC License Number : C-3239

PROJECT REFERENCE NO.	SHEET NO.
W-5714E	4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 041453 ENGINEER M. TRAVIS POTTS	NORTH CAROLINA PROFESSIONAL SEAL 27876 ENGINEER RAINA STANSELL
DocuSigned by: M. Travis Potts 4/20/2022	DocuSigned by: Raina Stansell 4/20/2022

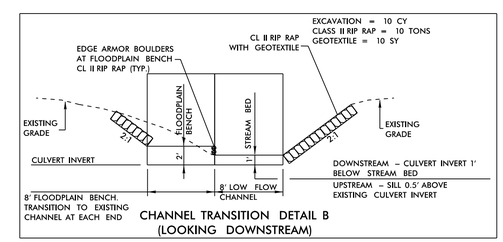
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



-L-			
PI Sta 11+34.53 Δ = 48° 04' 23.2" (LT) D = 39° 04' 01.5" L = 123.05' T = 65.41' R = 146.66'	PI Sta 12+58.07 Δ = 42° 22' 43.5" (LT) D = 33° 42' 12.2" L = 125.74' T = 65.90' R = 170.00'	PI Sta 13+61.85 Δ = 19° 29' 27.8" (LT) D = 28° 38' 52.4" L = 68.04' T = 34.35' R = 200.00'	PI Sta 15+16.21 Δ = 111° 48' 08.1" (LT) D = 73° 27' 22.1" L = 152.20' T = 115.21' R = 78.00'
PI Sta 15+81.49 Δ = 4° 28' 08.6" (LT) D = 7° 54' 11.7" L = 56.55' T = 28.29' R = 724.97' SE = SEE PLANS RO = SEE PLANS	PI Sta 16+47.90 Δ = 10° 11' 16.0" (RT) D = 16° 22' 12.8" L = 62.23' T = 31.20' R = 350.00' SE = SEE PLANS RO = SEE PLANS	PI Sta 17+52.94 Δ = 49° 12' 24.8" (RT) D = 44° 04' 25.2" L = 111.65' T = 59.53' R = 130.00' SE = SEE PLANS RO = SEE PLANS	PI Sta 18+88.57 Δ = 90° 20' 54.3" (RT) D = 69° 01' 51.8" L = 130.88' T = 83.51' R = 83.00' SE = SEE PLANS RO = SEE PLANS
	PI Sta 19+58.94 Δ = 10° 56' 56.7" (RT) D = 23° 52' 23.7" L = 45.86' T = 23.00' R = 240.00' SE = SEE PLANS RO = SEE PLANS	PI Sta 20+20.04 Δ = 3° 51' 03.3" (RT) D = 5° 02' 15.7" L = 76.44' T = 38.24' R = 1,137.34' SE = SEE PLANS RO = SEE PLANS	



FROM -L- STA. 16+30 TO STA. 16+75 LT
FROM -L- STA. 16+85 TO STA. 17+05 LT



CHANNEL TRANSITION DETAIL B
(LOOKING DOWNSTREAM)

SEE SHEET 4A FOR RIGHT-OF-WAY
SEE SHEET 5 FOR PROFILE
SEE SHEETS C-1 THRU C-9 FOR CULVERT PLANS

5/14/99
04-APR-2022 17:46
W-5714E_rdy_psh_04.dgn
$$$$USERNAME$$$$