

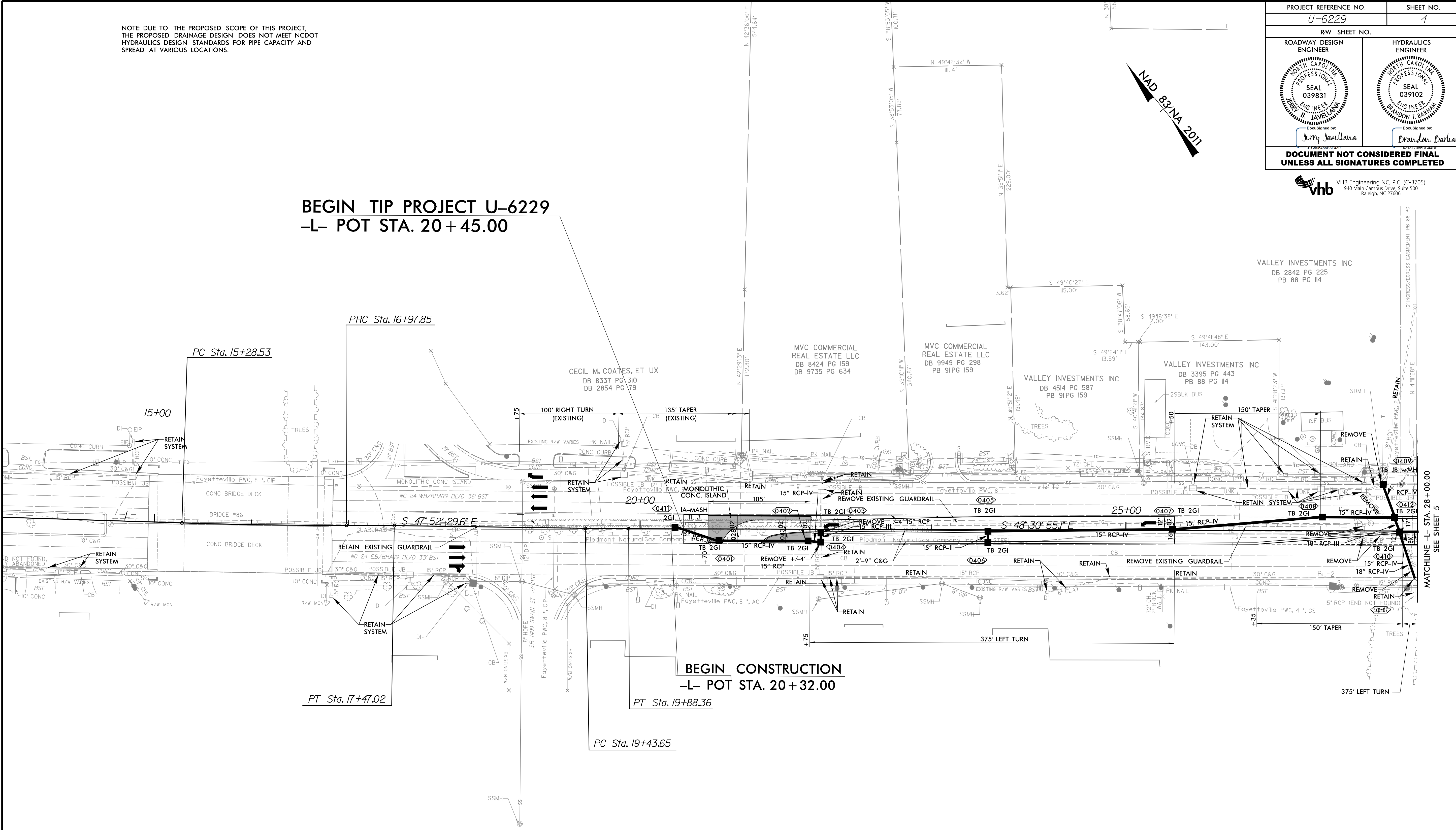
8/17/99

NOTE: DUE TO THE PROPOSED SCOPE OF THIS PROJECT, THE PROPOSED DRAINAGE DESIGN DOES NOT MEET NCDOT HYDRAULICS DESIGN STANDARDS FOR PIPE CAPACITY AND SPREAD AT VARIOUS LOCATIONS.

PROJECT REFERENCE NO. U-6229		SHEET NO. 4	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
DocuSigned by: Jerry Javellana		DocuSigned by: Brandon Barlow	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

vhb VHB Engineering NC, P.C. (C-3705)
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BEGIN TIP PROJECT U-6229
-L- POT STA. 20+45.00



BEGIN CONSTRUCTION
-L- POT STA. 20+32.00

FOR CONCRETE ISLAND DETAIL SEE SHEET 2B-1

-L- CURVE DATA

PI Sta 16+13.20 $\Delta = 1^{\circ}56'25.0"$ (LT) $D = 1^{\circ}08'45.3"$ $L = 169.32'$ $T = 84.67'$ $R = 5,000.00'$ $SE = NA$	PI Sta 17+22.44 $\Delta = 0^{\circ}56'20.6"$ (RT) $D = 1^{\circ}54'35.5"$ $L = 49.17'$ $T = 24.58'$ $R = 3,000.00'$ $SE = NA$	PI Sta 19+66.01 $\Delta = 0^{\circ}38'25.5"$ (LT) $D = 1^{\circ}25'56.6"$ $L = 44.71'$ $T = 22.36'$ $R = 4,000.00'$ $SE = NA$
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1/9/2023
U6229_rdy_pah04.dgn
-sawant

MATCHLINE -L- STA. 28+00.00
SEE SHEET 5