

PROJECT REFERENCE NO. B-3186 / B-5898	SHEET NO. 2B-11
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

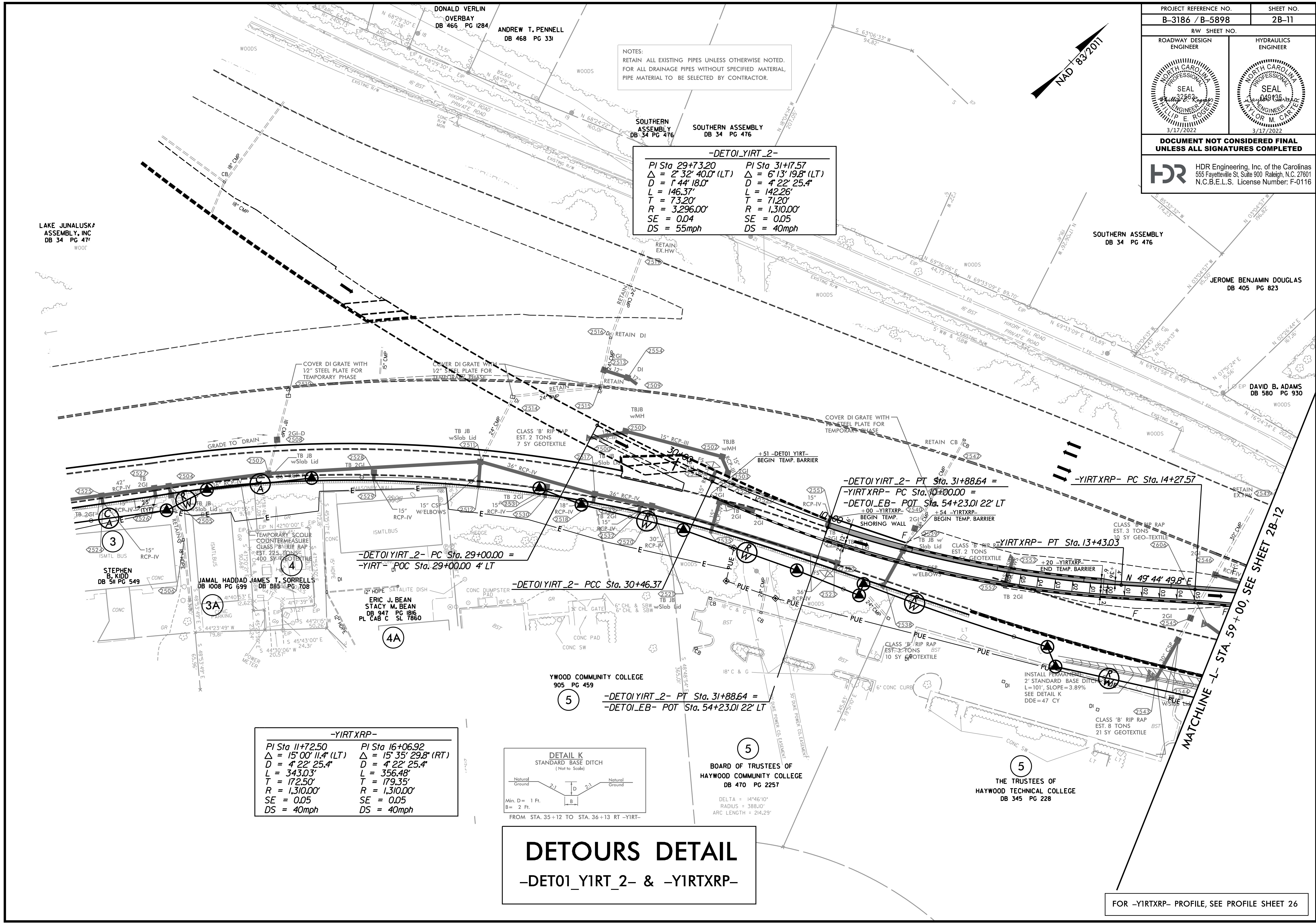
HDR HDR Engineering, Inc. of the Carolinas
555 Fayetteville St. Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-01116

NOTES:
RETAIN ALL EXISTING PIPES UNLESS OTHERWISE NOTED.
FOR ALL DRAINAGE PIPES WITHOUT SPECIFIED MATERIAL,
PIPE MATERIAL TO BE SELECTED BY CONTRACTOR.

-DETOI_YIRT_2-

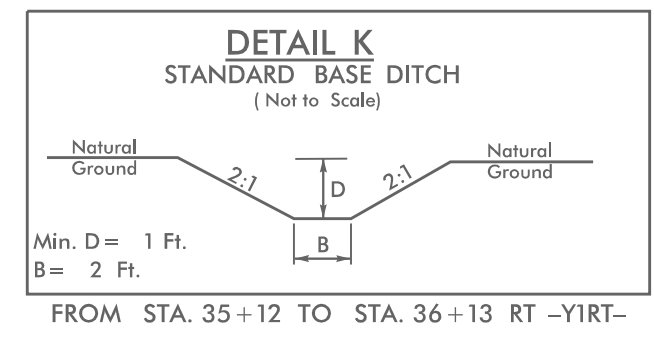
PI Sta 29+73.20	PI Sta 31+17.57
$\Delta = 2' 32" 40.0" (LT)$	$\Delta = 6' 13" 19.8" (LT)$
$D = 1' 44" 18.0"$	$D = 4' 22" 25.4"$
$L = 146.37'$	$L = 142.26'$
$T = 73.20'$	$T = 71.20'$
$R = 3,296.00'$	$R = 1,310.00'$
$SE = 0.04$	$SE = 0.05$
$DS = 55\text{mph}$	$DS = 40\text{mph}$

LAKE JUNALUSKA ASSEMBLY, INC
DB 34 PG 47



-YIRTXRP-

PI Sta 11+72.50	PI Sta 16+06.92
$\Delta = 15' 00" 11.4" (LT)$	$\Delta = 15' 35" 29.8" (RT)$
$D = 4' 22" 25.4"$	$D = 4' 22" 25.4"$
$L = 343.03'$	$L = 356.48'$
$T = 172.50'$	$T = 179.35'$
$R = 1,310.00'$	$R = 1,310.00'$
$SE = 0.05$	$SE = 0.05$
$DS = 40\text{mph}$	$DS = 40\text{mph}$



DETOURS DETAIL

-DETOI_YIRT_2- & -YIRTXRP-

FOR -YIRTXRP- PROFILE, SEE PROFILE SHEET 26

PLOT DRIVER: NCDOT_color_eng_50.plt
USER: HBARE
DATE: 1/13/2022
TIME: 6:56:07 AM
PENTABLE: B-3186 B-5898 NCDOT_pshp.plt