

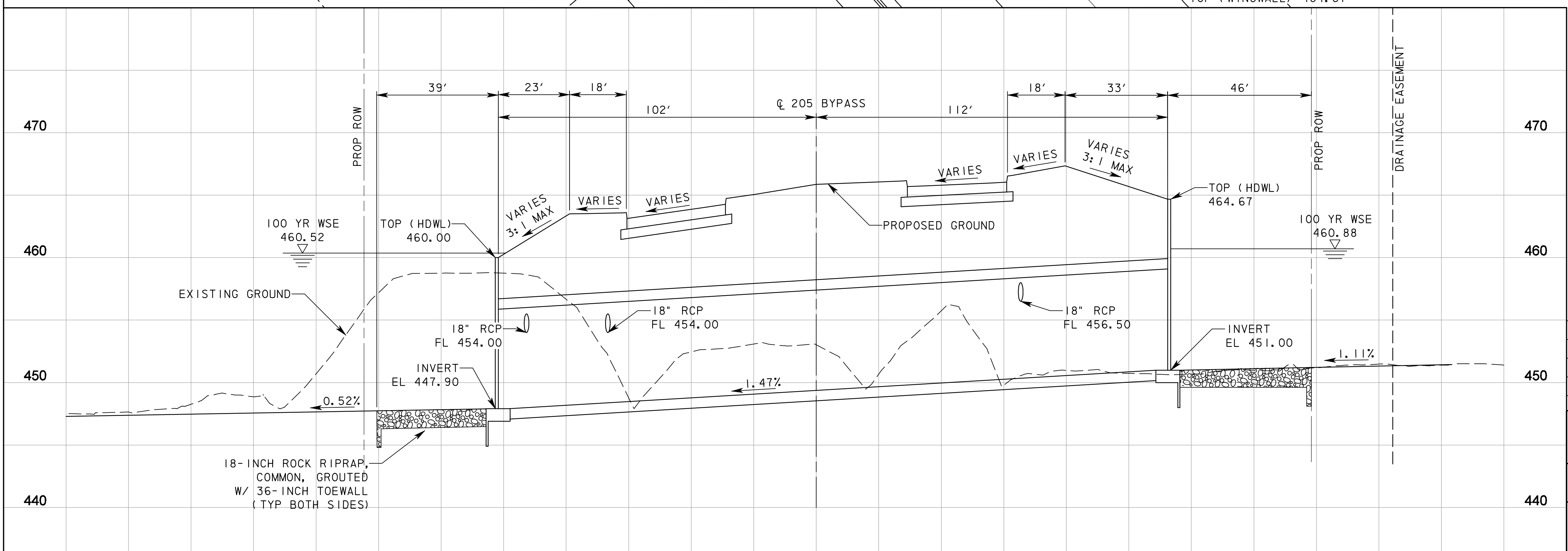
END 4-10' x 8' CULVERT
 @ 205 BYPASS STA 254+92.25, 78.04' LT
 CONSTRUCT PARALLEL WINGWALL,
 (TXDOT STD PW, HDWL HT = 12.1')

END 4-10' x 8' CULVERT
 @ 205 BYPASS STA 253+50.13, 85.44' RT
 CONSTRUCT PARALLEL WINGWALL,
 (TXDOT STD PW, HDWL HT = 13.67')

- NOTES:
1. REFERENCE GRADING PLAN AT STA 254+37 FOR GRADING DETAILS.
 2. 40.8' IS CULVERT SKEW "V" USED TO CALCULATE HEADWALL DIMENSIONS AS SHOWN ON TXDOT STANDARD PW.

RECORD DRAWING
 This drawing is a compilation of the original sealed engineering drawing and information furnished by the contractor. Information shown that was provided by the contractor and others not associated with the design engineer cannot be verified for accuracy or completeness. Original sealed drawing is on file at the office of AECOM USA Group, Inc., TBPE REG. NO. F-3082

ORIGINAL DRAWING SEALED & SIGNED BY
 Matthew L. Abbe, P.E.
 TX NO. 92715



CULVERT
 @ 205 BYPASS STA 254+26.33
 216 LF (4) 10' x 8' MBC CULVERT
 2-PW

	Q** (cfs)	TW	KE	MATERIAL	MANNING'S N VALUE	INLET TYPE	HW	VEL (ft/s)	OVERTOP ROAD
25 YR	749	459.99	0.50	CONCRETE	0.012	PW	460.22	2.93	NO
50 YR	865	460.32	0.50	CONCRETE	0.012	PW	460.62	3.38	NO
100 YR	948	460.52	0.50	CONCRETE	0.012	PW	460.88	3.70	NO

NO.	REVISION	BY	DATE
205 BYPASS PHASE 6			
CULVERT PLAN & PROFILE AT STA 254+26.33			
1 OF 2			
		<small>TCB INC. WWW.TCB.AECOM.COM 17300 DALLAS PARKWAY, SUITE 1010 DALLAS, TEXAS 75248</small>	
Unit	PW-DAL-FW	Scale	Horz: AS SHOWN Vert: AS SHOWN
Designed	R1/US	Checked	TCB
Drawn	FG	Approved	TCB
Date	11/24/2009	Project No.	60004153
Sheet	84	of	216

** DISCHARGES OBTAINED FROM PRELIMINARY DRAFT OF MASTER DRAINAGE STUDY BY NWRS, MAY 2006

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 11/24/2009