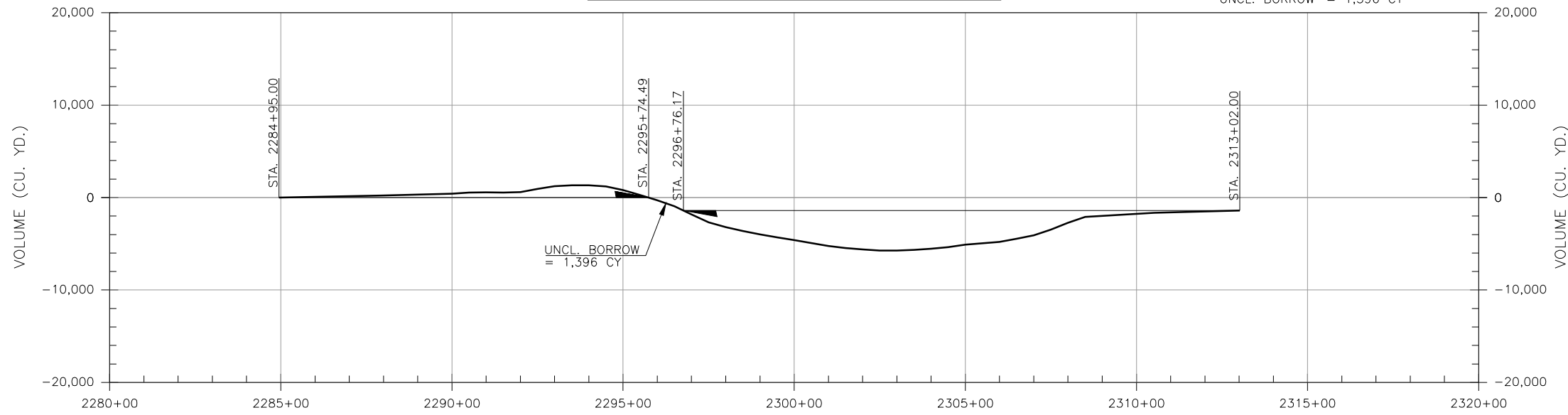


DESCRIPTION	REVISIONS	DATE

**MASS DIAGRAM
PHASE 1 (DETOUR) TOTAL VOLUME**

PHASE 1 (DETOUR) EARTHWORK ESTIMATE
STA. 2284+95.00 TO STA. 2313+02.00

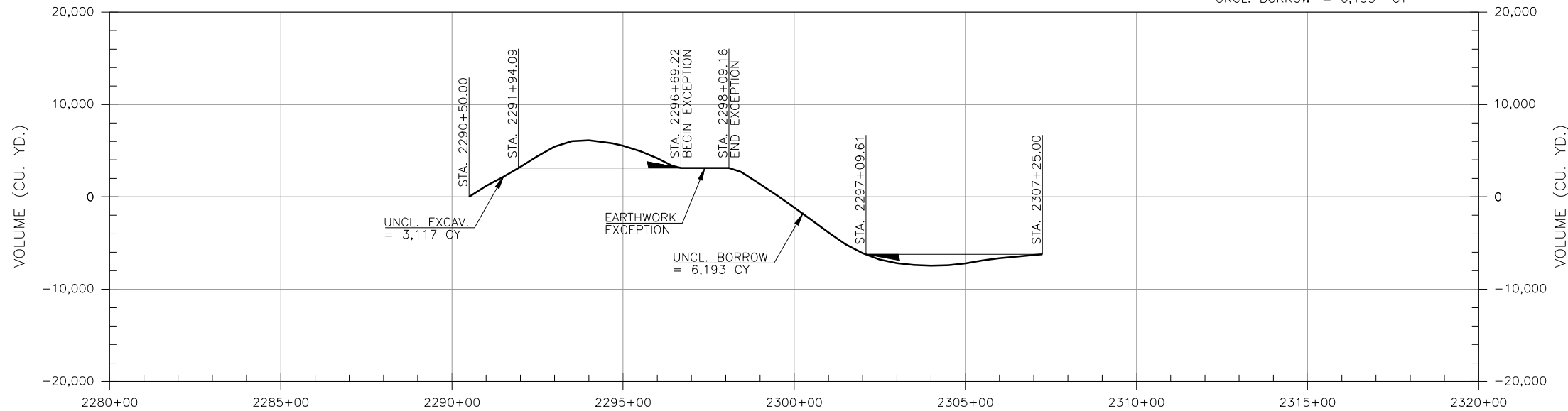
UNCL. EXCAV. = 8,230 CY
EMB. + 15% = 9,626 CY
UNCL. BORROW = 1,396 CY



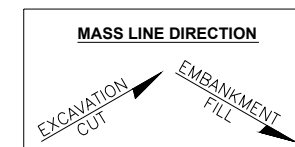
**MASS DIAGRAM
PHASE 2 (MAINLINE) TOTAL VOLUME**

PHASE 2 (MAINLINE) EARTHWORK ESTIMATE
STA. 2290+50.00 TO STA. 2307+25.00

UNCL. EXCAV. = 8,524 CY
EMB. + 15% = 14,717 CY
UNCL. BORROW = 6,193 CY



MASS DIAGRAM PROVIDED FOR BIDDING PURPOSES ONLY. ACTUAL BALANCE POINTS TO BE DETERMINED BY CONTRACTOR AND VOLUME OF MATERIAL ENCOUNTERED DURING GRADING OPERATIONS. WHENEVER POSSIBLE, THE CONTRACTOR SHALL SEQUENCE EARTHWORK OPERATIONS IN ORDER TO OBTAIN THE MATERIAL FROM THE CUT SECTION FOR USE AS FILL RATHER THAN OBTAINING UNCLASSIFIED BORROW. MATERIAL DEPICTED AS WASTE SHALL ONLY BE CONSIDERED WASTE ONCE ALL EARTHWORK OPERATIONS HAVE BEEN COMPLETED. THIS MATERIAL SHALL BE USED TO REDUCE THE NEED FOR UNCLASSIFIED BORROW AT ANY LOCATION AND TIME THROUGH THE DURATION OF THE PROJECT.



FILENAME: 7 MASS DIAGRAM SHEET.DWG

DESIGN		SH-34 OVER S. PERSIMMON CREEK	WOODWARD COUNTY
DRAWN		MASS DIAGRAM (SHEET 1 OF 2)	
CHECKED			
CEC		STATE JOB NO. <u>28825(04)</u>	SHEET NO. <u>7</u>