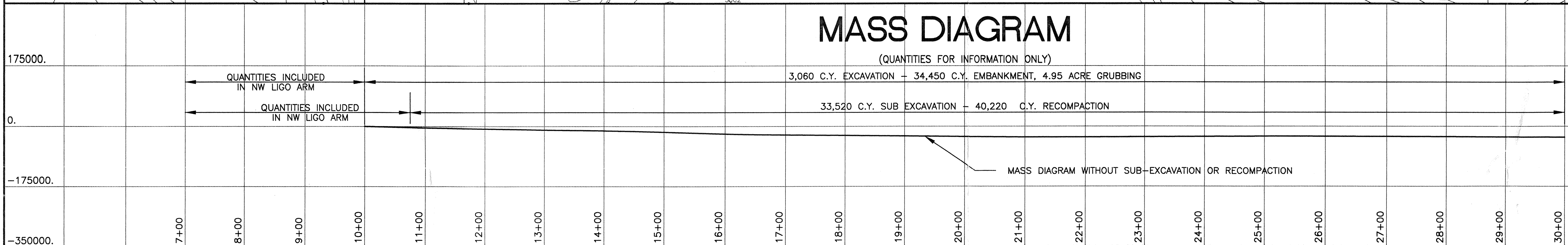


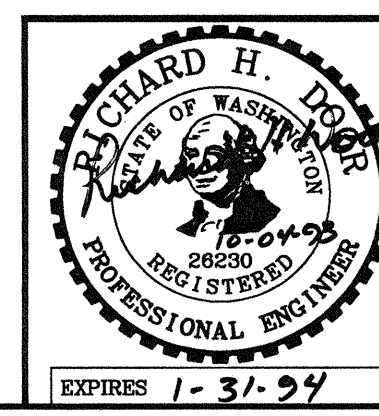
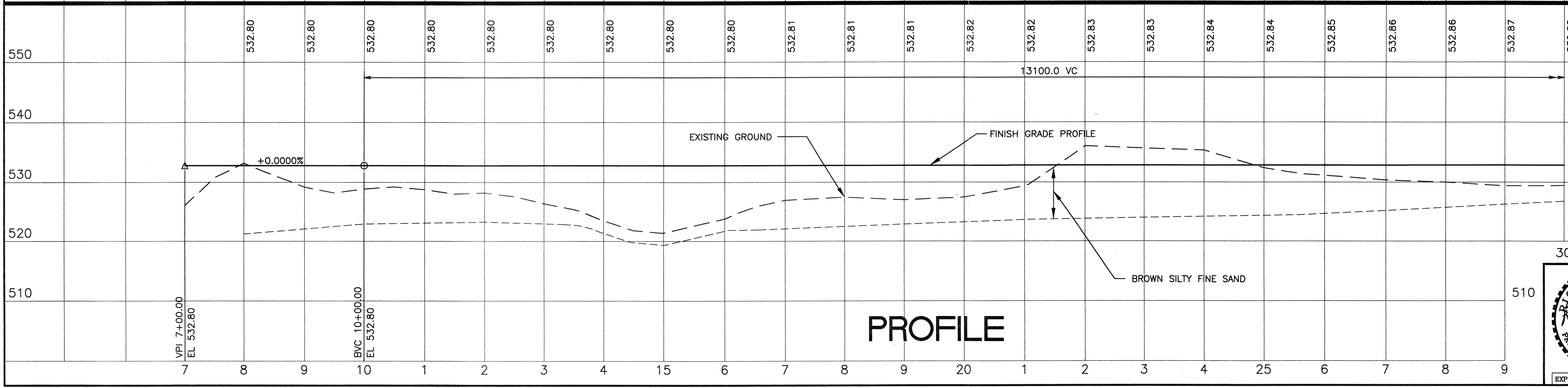
CURVE TABLE				
CURVE	DELTA	RADIUS	LENGTH	TANGENT
C-33	48°19'27"	75.000'	63.256'	33.647'
C-34	48°19'27"	50.000'	42.171'	22.431'

### MASS DIAGRAM

(QUANTITIES FOR INFORMATION ONLY)  
 3,060 C.Y. EXCAVATION - 34,450 C.Y. EMBANKMENT, 4.95 ACRE GRUBBING  
 33,520 C.Y. SUB EXCAVATION - 40,220 C.Y. RECOMPACTION



### PROFILE



LIGO ROUGH GRADING - HANFORD SITE  
 STA. SW 10+00 TO SW 30+00  
 CALIFORNIA INSTITUTE OF TECHNOLOGY

**JUB**  
 Engineers Surveyors Planners

J-U-B ENGINEERS, INC.  
 Engineers Surveyors Planners  
 KENNEWICK, WASHINGTON

VERT. SCALE: 1"=10'	DES. RHD	DR. GLB	CK. CAL	SHEET 08 OF 13
HOR. SCALE: 1"=100'	DATE: SEPTEMBER 28, 1993	DWG. NO. 736-08		

C:\12736\736-08 Tue Oct 5 09:16:23 1993