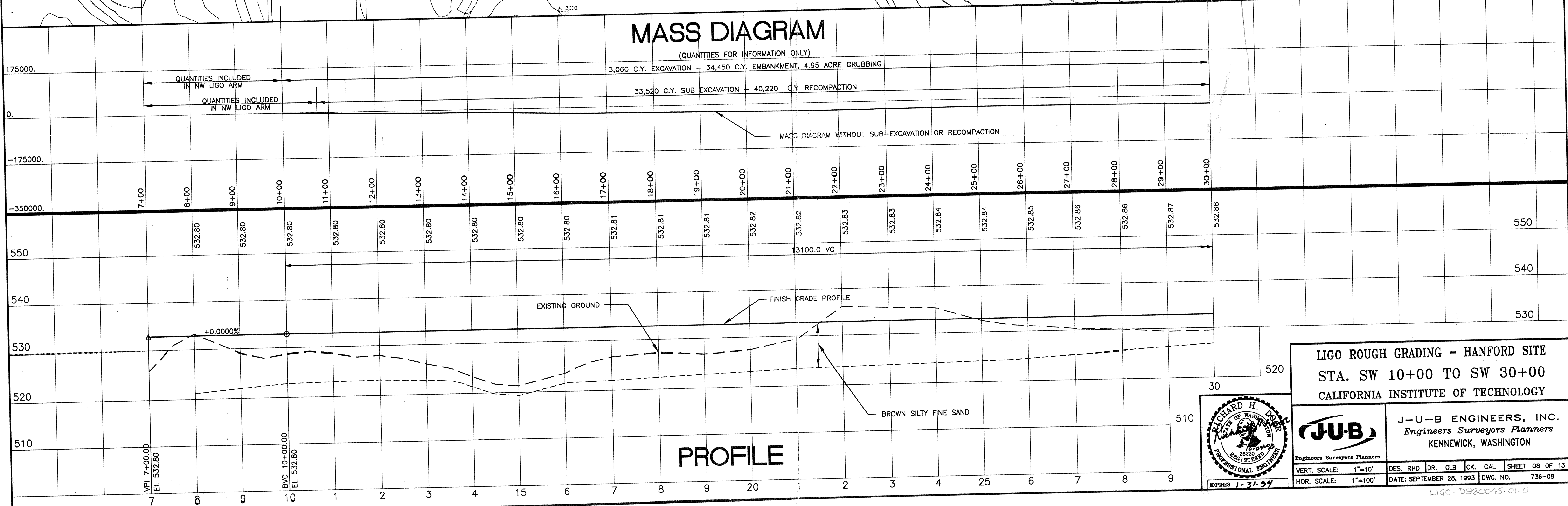


CURVE TABLE				
CURVE	DELTA	RADIUS	LENGTH	TANGENT
C-33	48°19'27"	75.000'	63.256'	33.647'
C-34	48°19'27"	50.000'	42.171'	22.431'

RECORD DRAWING 5.19.95
 BY Richard H. Dorr

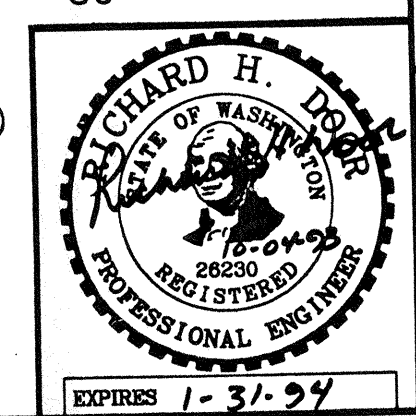


MASS DIAGRAM

(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		

127361735-08 Tue Oct 5 08:16:23 1993

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