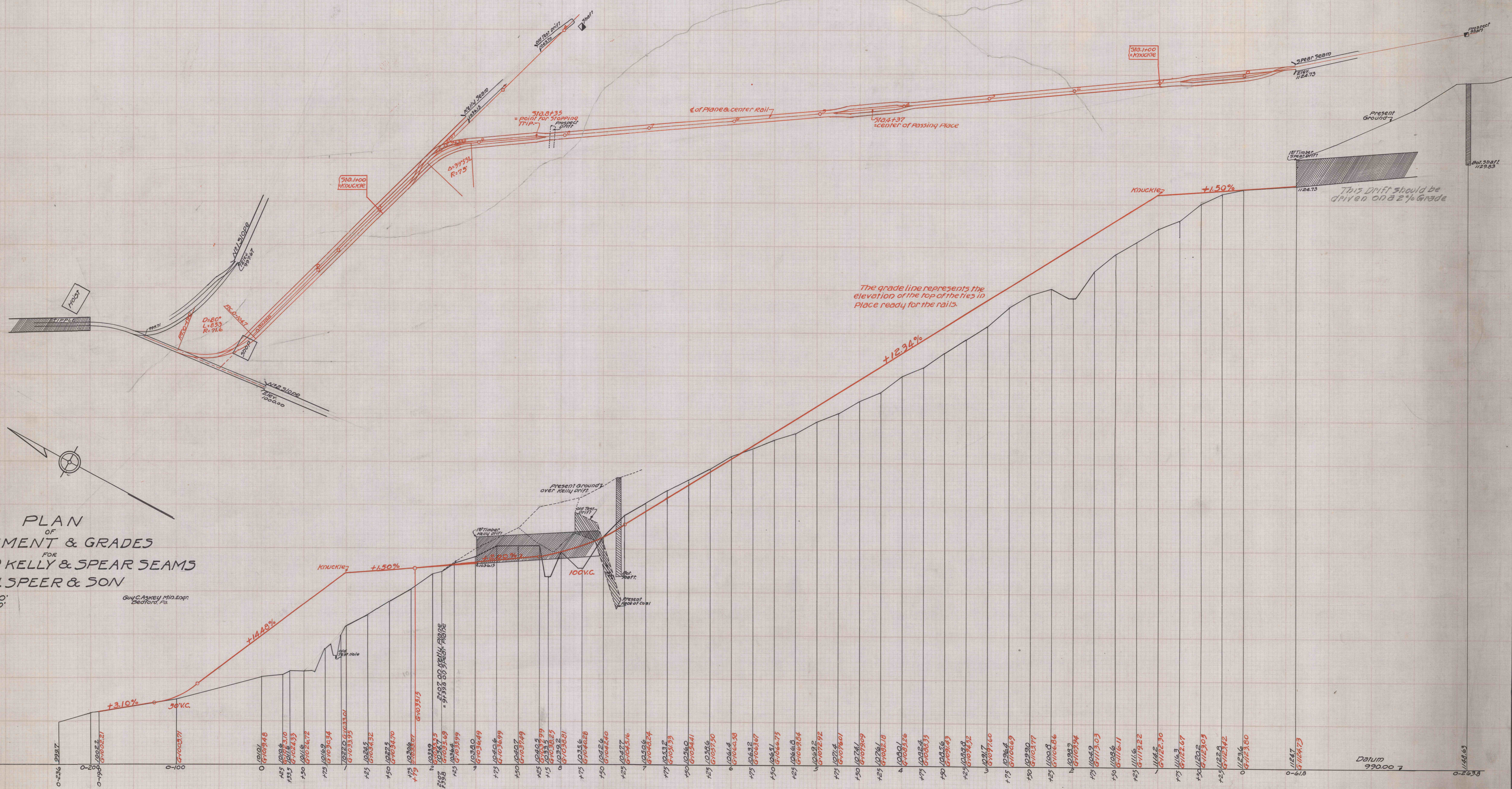


PLAN
OF
ALIGNMENT & GRADES
FOR
PLANES & KELLY & SPEAR SEAMS
W.H. SPEER & SON

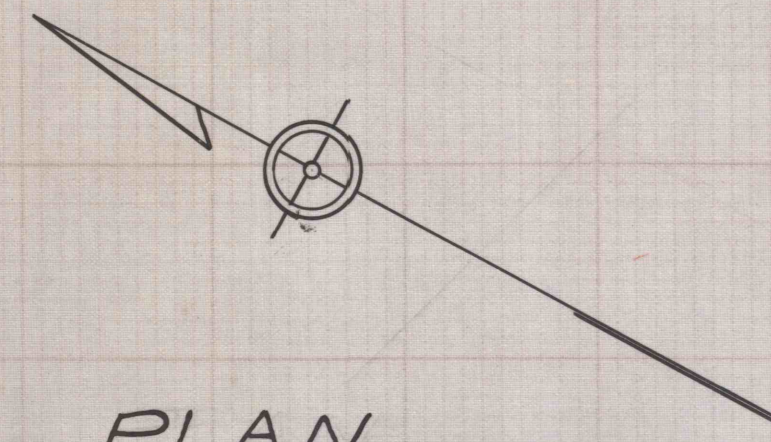
Scale- Hor. 1" = 50'
Ver. 1" = 10'

Guy C. Askey Min. Engr.
Des Moines, Ia.



The grade line represents the elevation of the top of the ties in place ready for the rails.

This drift should be driven on a 2% grade



Datum
990.00