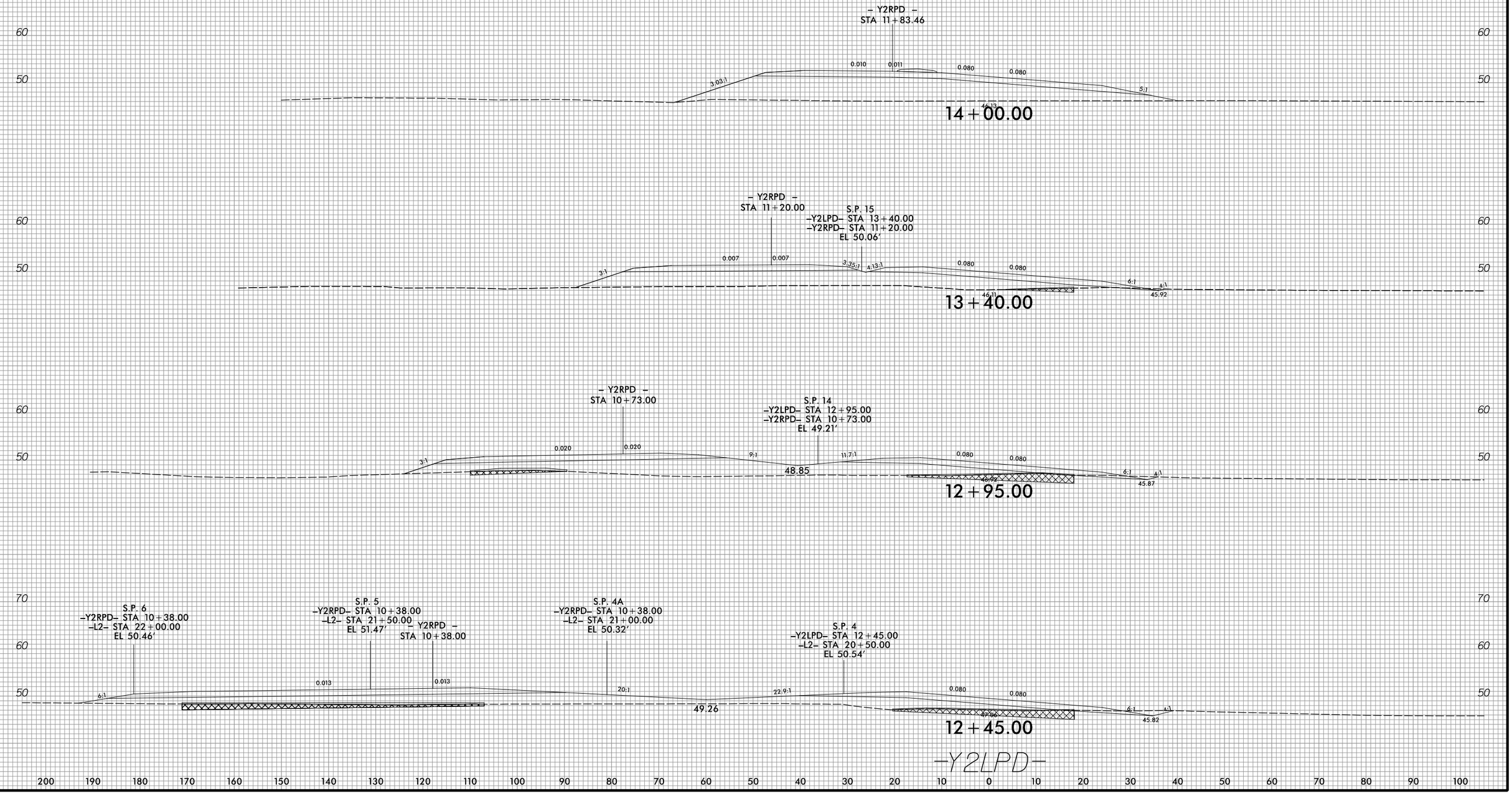
8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	R-5311A	X-54

200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100

UNDERCUT EXCAVATION



60 50 70

3/30/2017
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TGA ENGINEERING, INC.