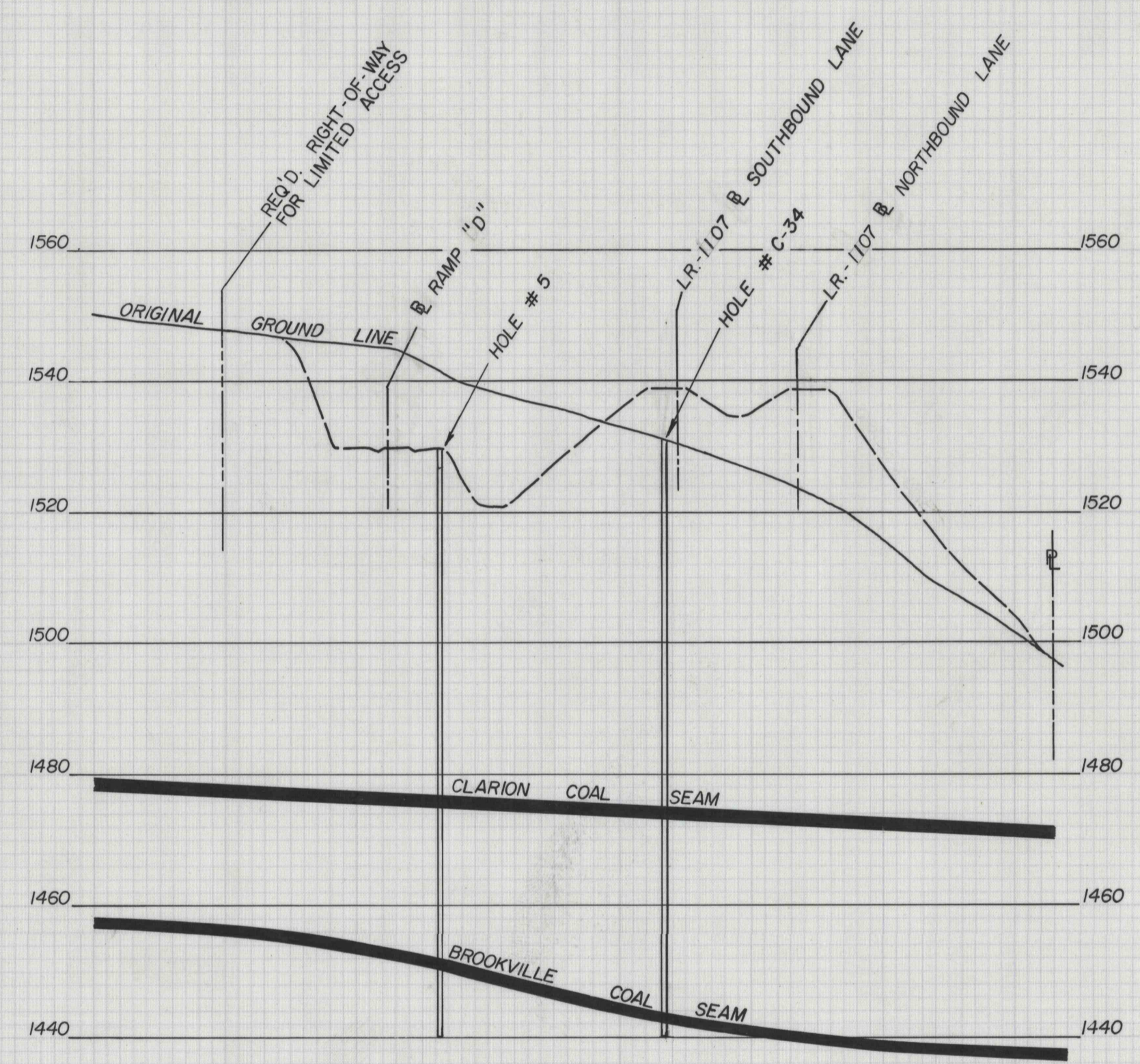
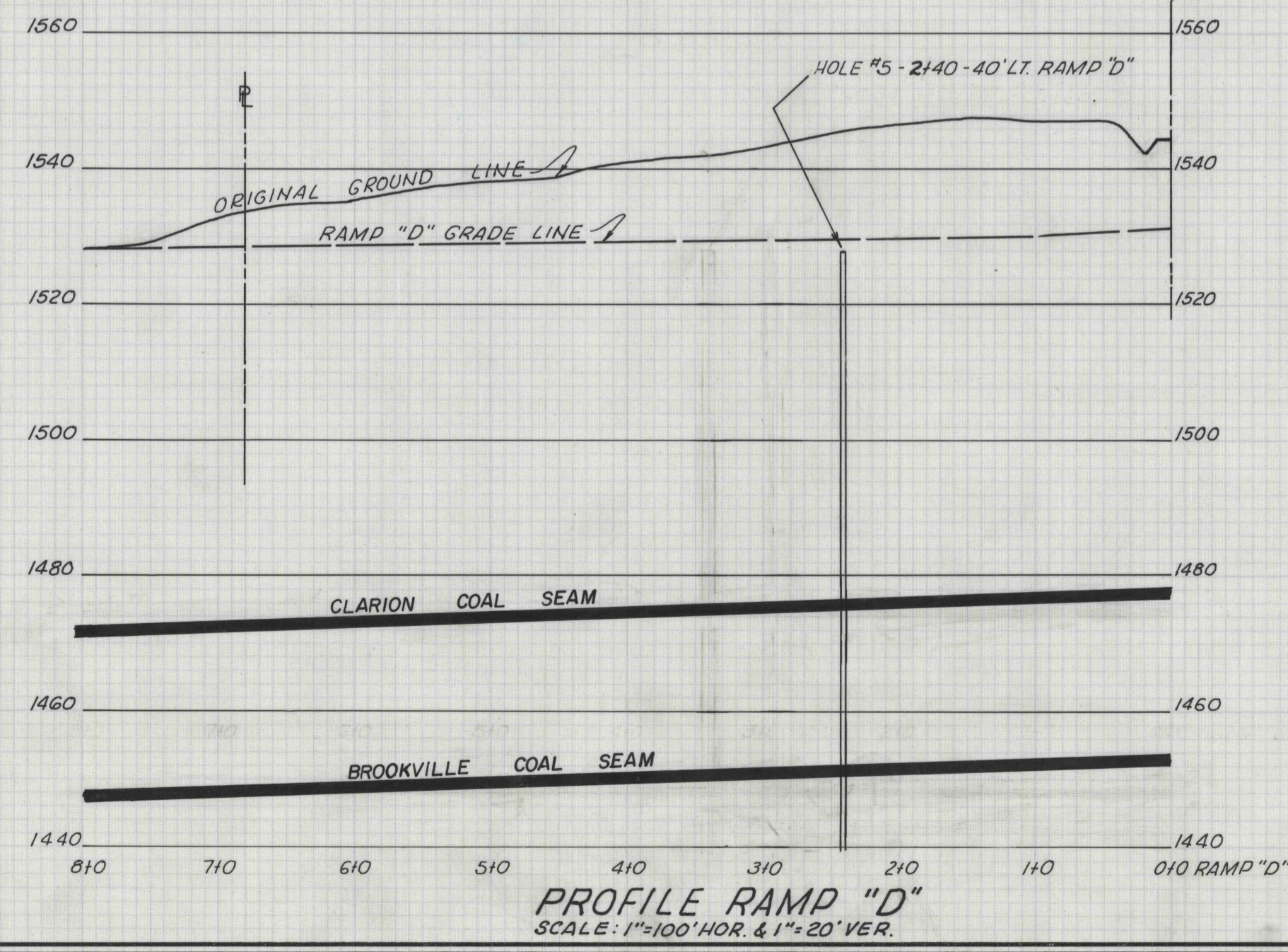
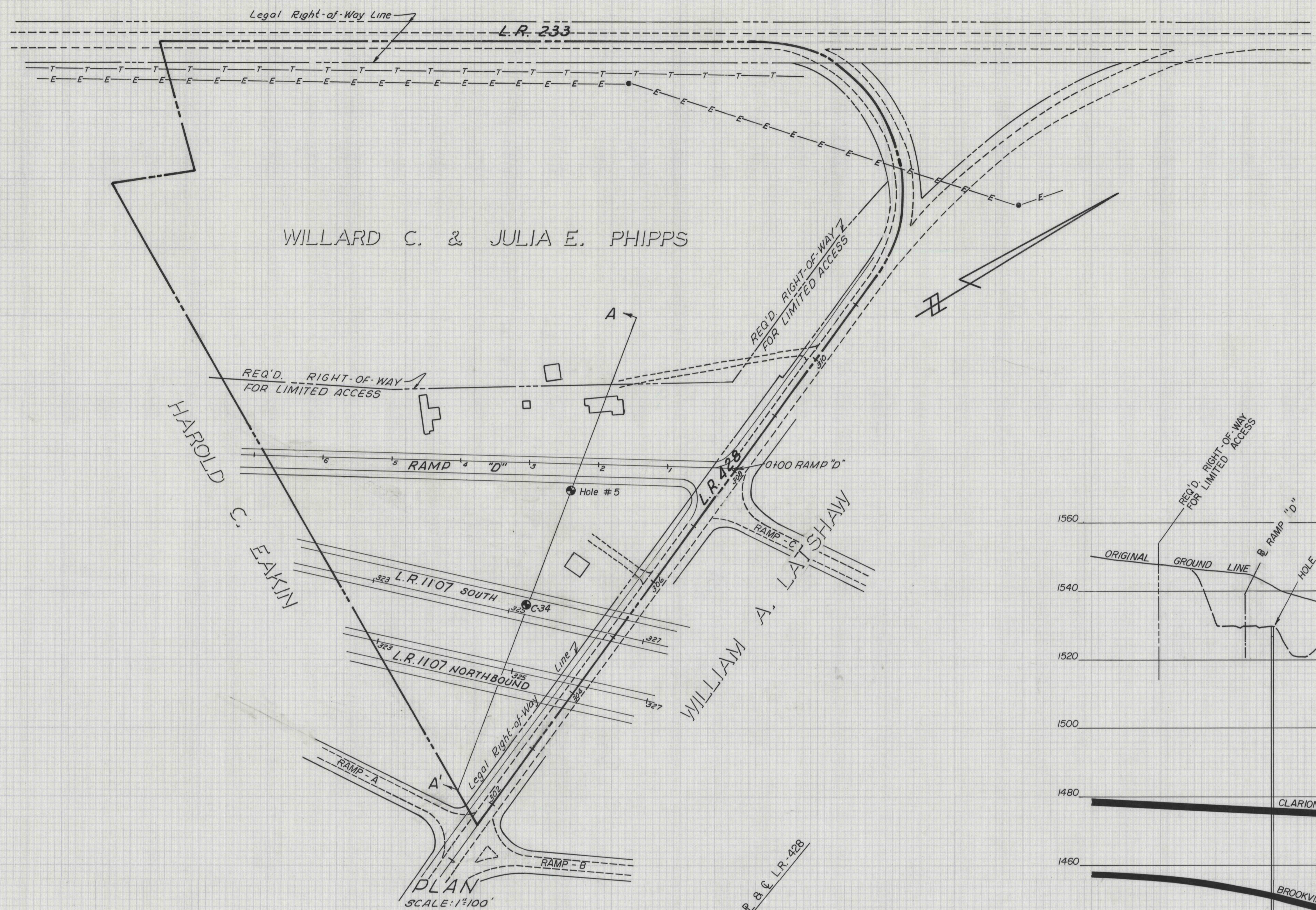


COLUMNAR SECTIONS
SCALE: 1" = 20'



5.8 Acres - Required Support Coal Area

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION
COAL SUPPORT PLAN
WILLARD C. & JULIA E. PHIPPS
COAL CLAIM NO 6002465
L.R. 1107-3
IRWIN TWP., VENANGO CO., PA.

SCALE	GWIN, DOBSON & FOREMAN, INC.	DATE
1" = 100' HOR.	CONSULTING ENGINEERS	February
1" = 20' VER.	ALTOONA, PENNSYLVANIA	1982