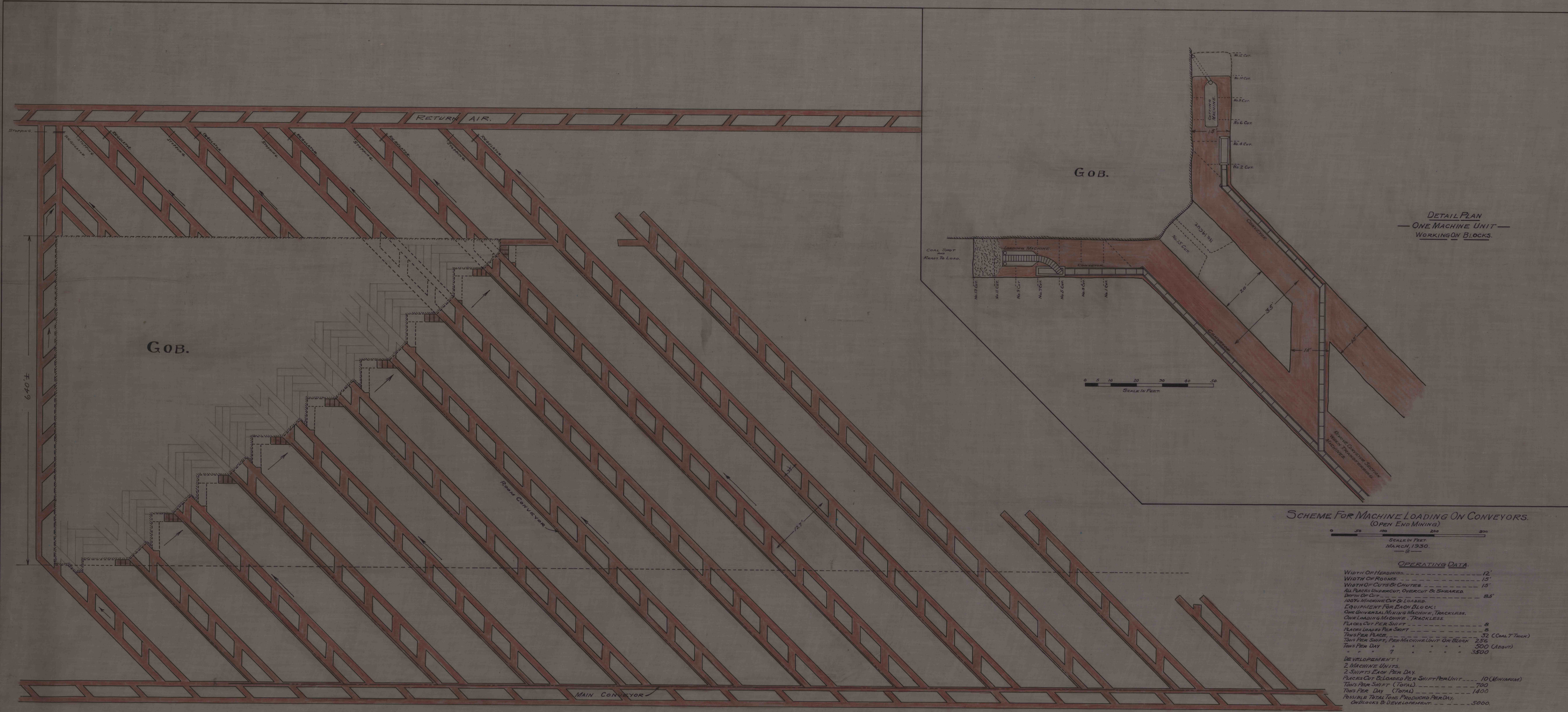




SCHEME FOR MACHINE LOADING ON CONVEYORS.
(OPEN END MINING)

SCALE IN FEET.
MARCH, 1930.

OPERATING DATA.

WIDTH OF HEADINGS	12'
WIDTH OF ROOMS	15'
WIDTH OF CUTS & CHUTES	15'
ALL RAILS UNDERCUT, OVERCUT & SHEARED	
DEPTH OF CUT	8.5'
100% MACHINE CUT & LOADED	
EQUIPMENT FOR EACH BLOCK	
ONE UNIVERSAL MINING MACHINE, TRACKLESS	
ONE LOADING MACHINE, TRACKLESS	
PLACES CUT PER SHIFT	8
PLACES LOADED PER SHIFT	8
TONS PER PLACE	32 (COAL 7' THICK)
TONS PER SHIFT, PER MACHINE UNIT OR BLOCK	256
TONS PER DAY	500 (ABOUT)
	3500
DEVELOPMENT:	
2 MACHINE UNITS	
2 SHIFTS EACH PER DAY	
PLACES CUT & LOADED PER SHIFT PER UNIT	10 (MINIMUM)
TONS PER SHIFT (TOTAL)	700
TONS PER DAY (TOTAL)	1400
POSSIBLE TOTAL TONS PRODUCED PER DAY, ON BLOCKS & DEVELOPMENT	5000

ENGINEERING DEPARTMENT
H. C. FRICK COKE CO.
SCOTTDALE, PA.

87-I-7.
45° system
for machine
loading.

87-II-7.