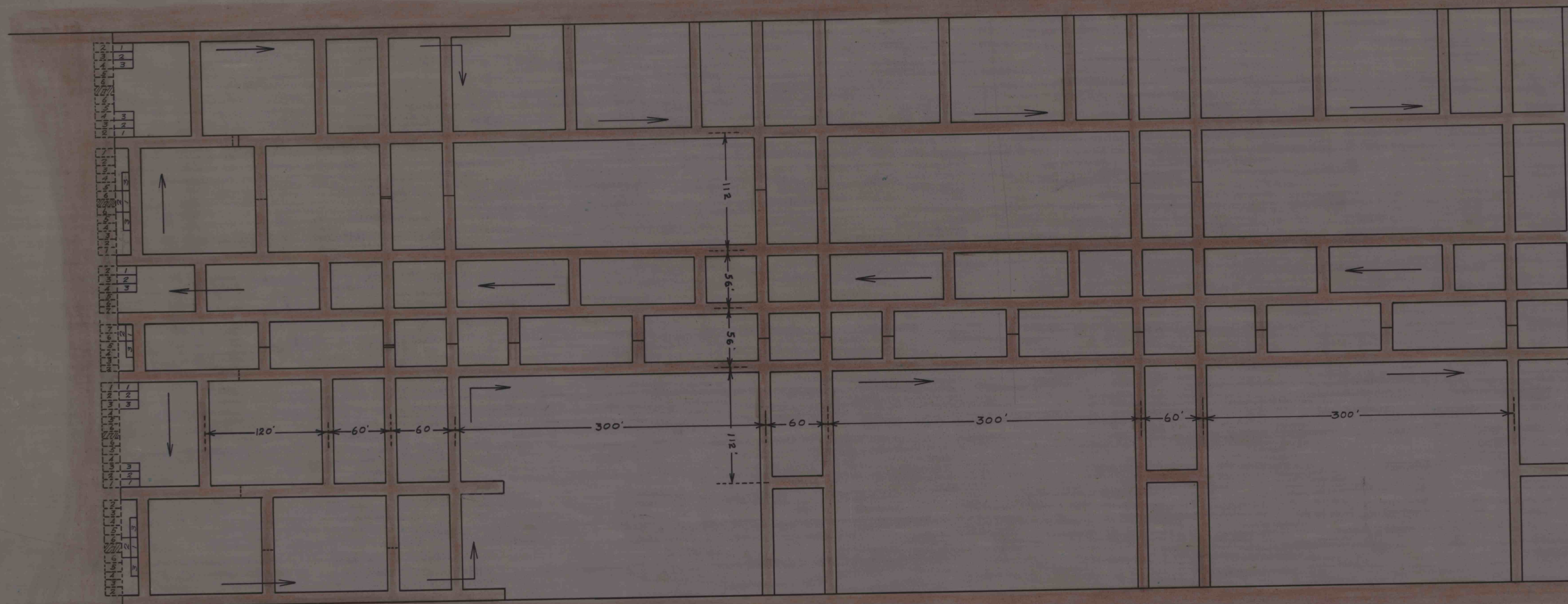


Open End Method of Mining
Straight Wall Fracture Line- Face or Butt Cutovers
for use in
Narrow Chain Pillars Between Gobs

Scale
100 50 0 100 200
Uniontown Office- Southern Division 48. Aug. 1932. T.26.

87-I-5A.
Open End.
Narrow Chain
Pillars.



Estimated Operating Data and Specifications

Size of large block of coal	102' x 110'
Size of small " " "	46' x 110'
Size of small " " "	46' x 50'
Width of Flats, butts, chutes and rooms	10'
Width of Open End Cutovers	18'
Length of Cutter bar	9'
Depth of Cuts	8'
Rate of Rib Extraction on face course	3'
Angle of Rib Line with face course	90°
Rib coal that can be undercut	100%
Estimated coal recovery for mineable height	97%
Total shifts to Extract large block of coal	41
" " " " small " " "	36
" " " " " " " "	18
Overlap	none
Mining height used	6 1/2 ft.
Recovery on development used	100%
" " Rib Extraction used	96%

The cuts are timed to make a fall in each block of coal on the same day, resulting in a straight fracture line.

87-I-5A.