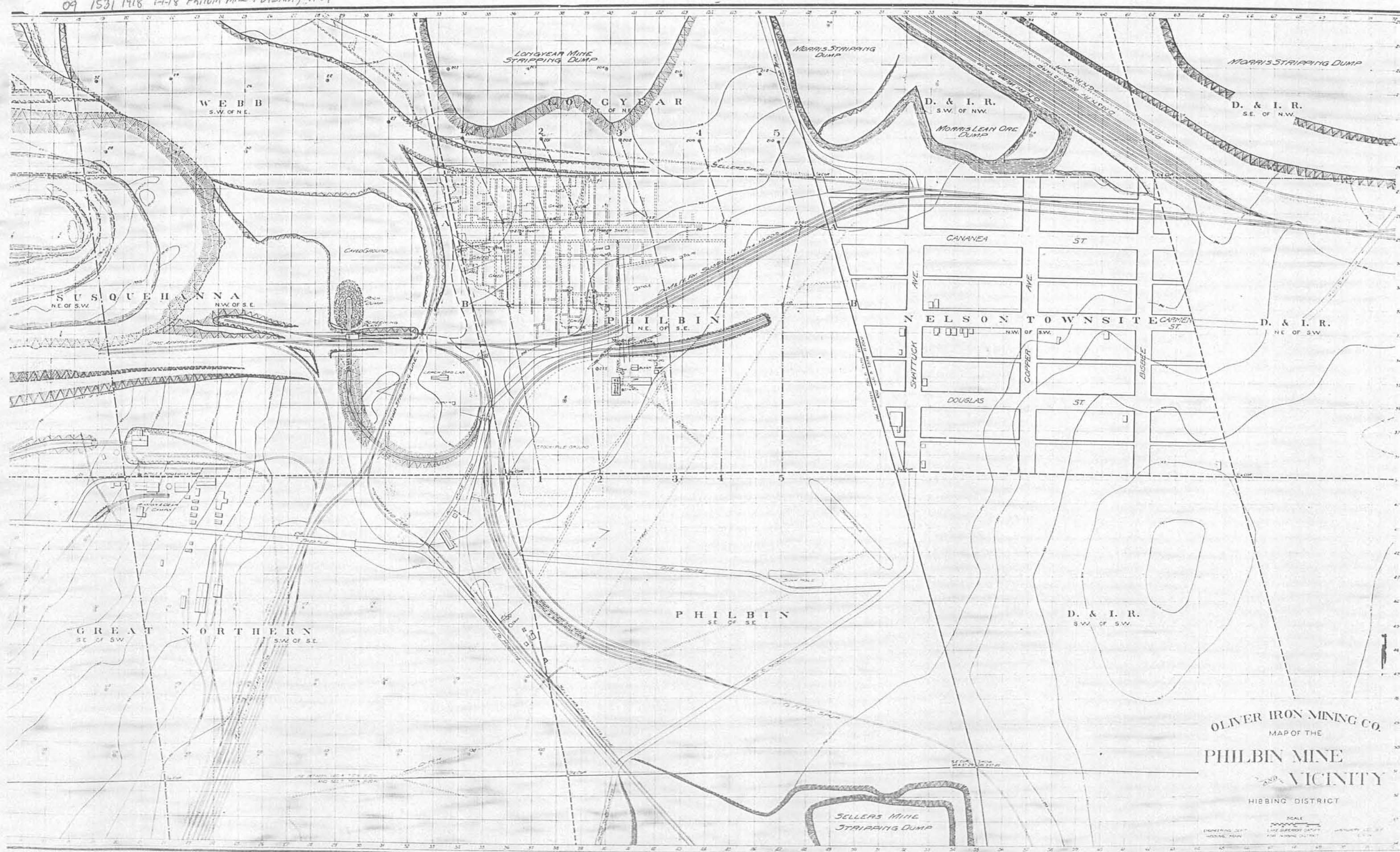
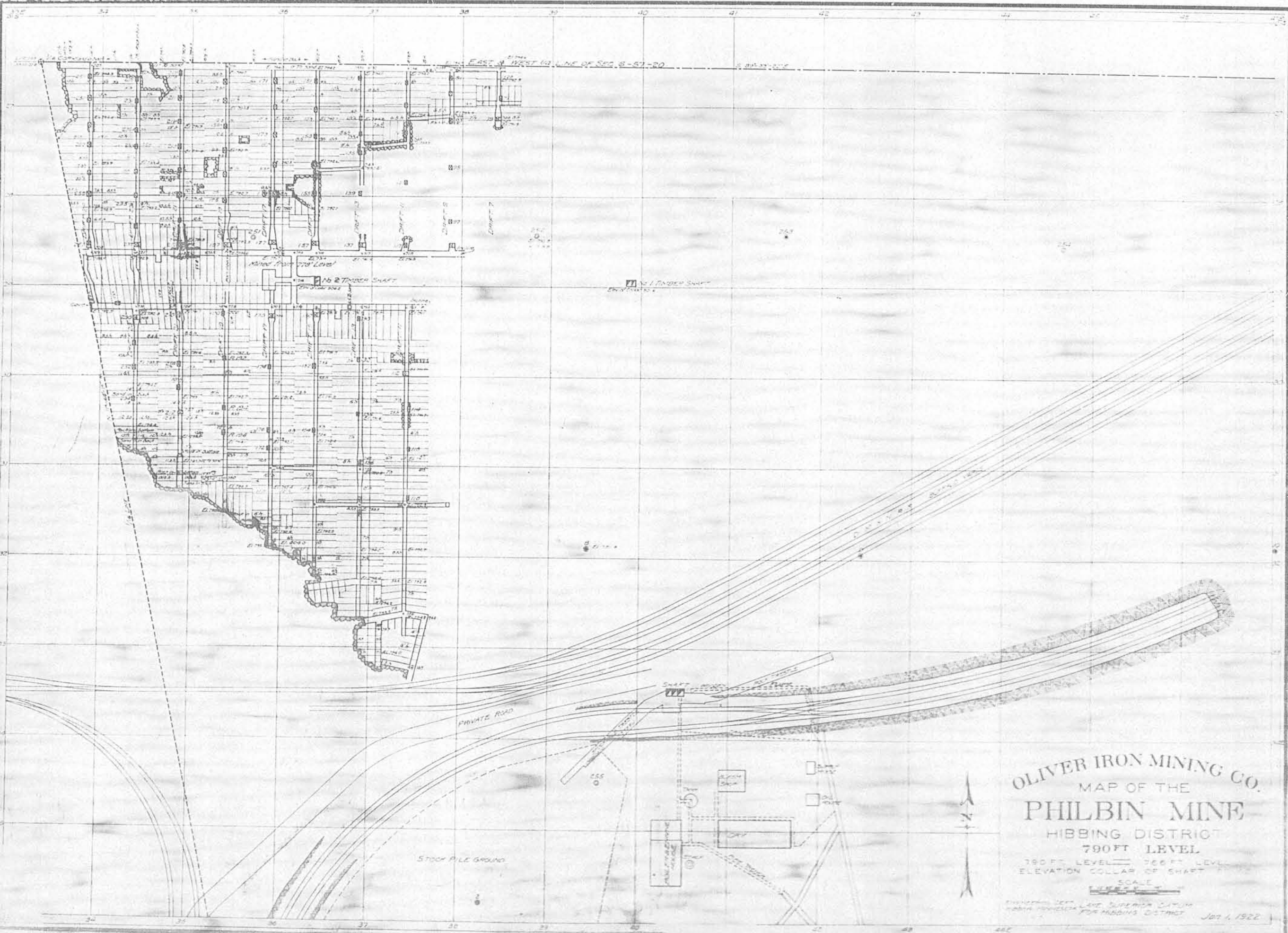


A-39

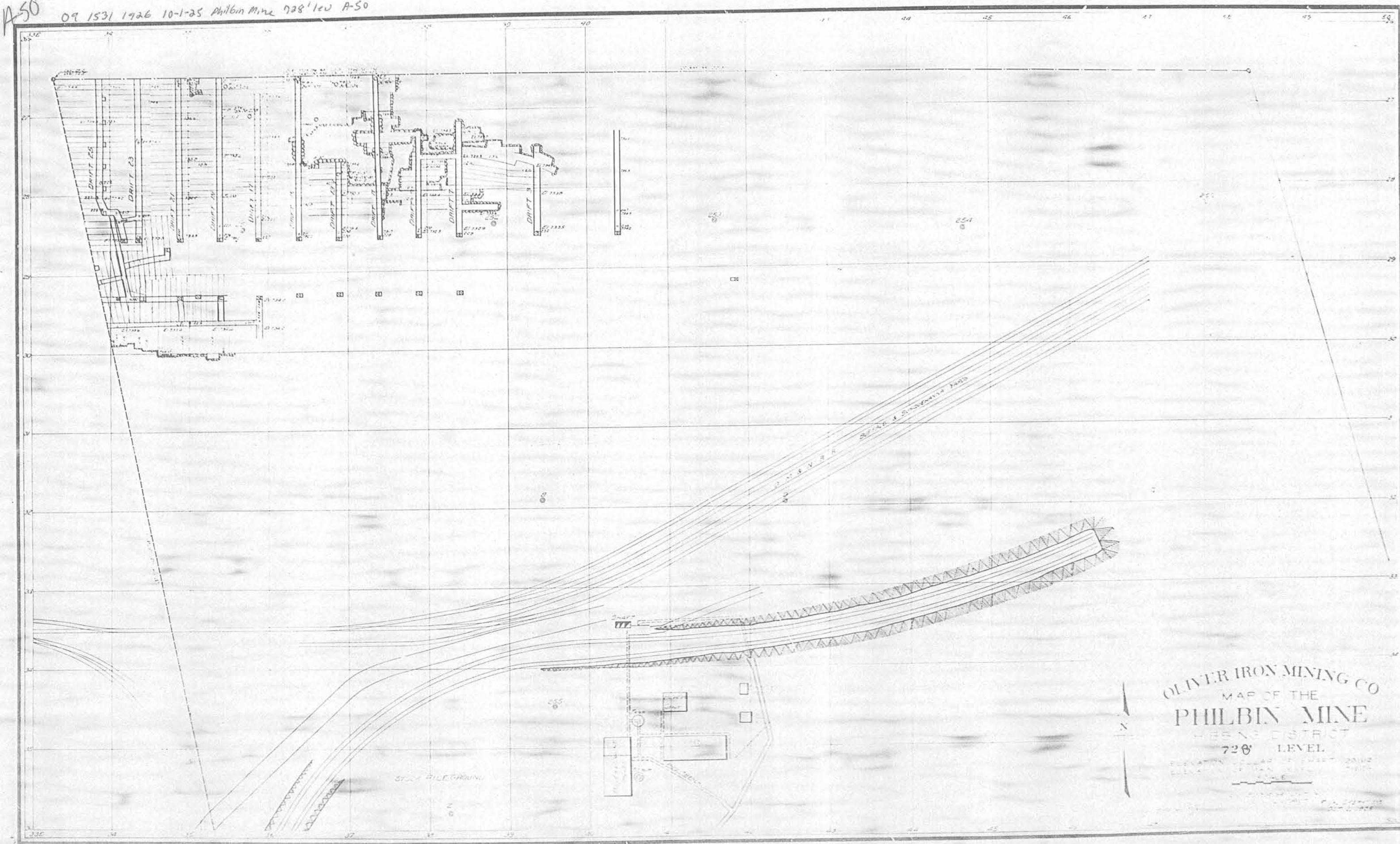


09 1531 1924 1-1-22 Philbin Mine 790' 140' A-48



A-50

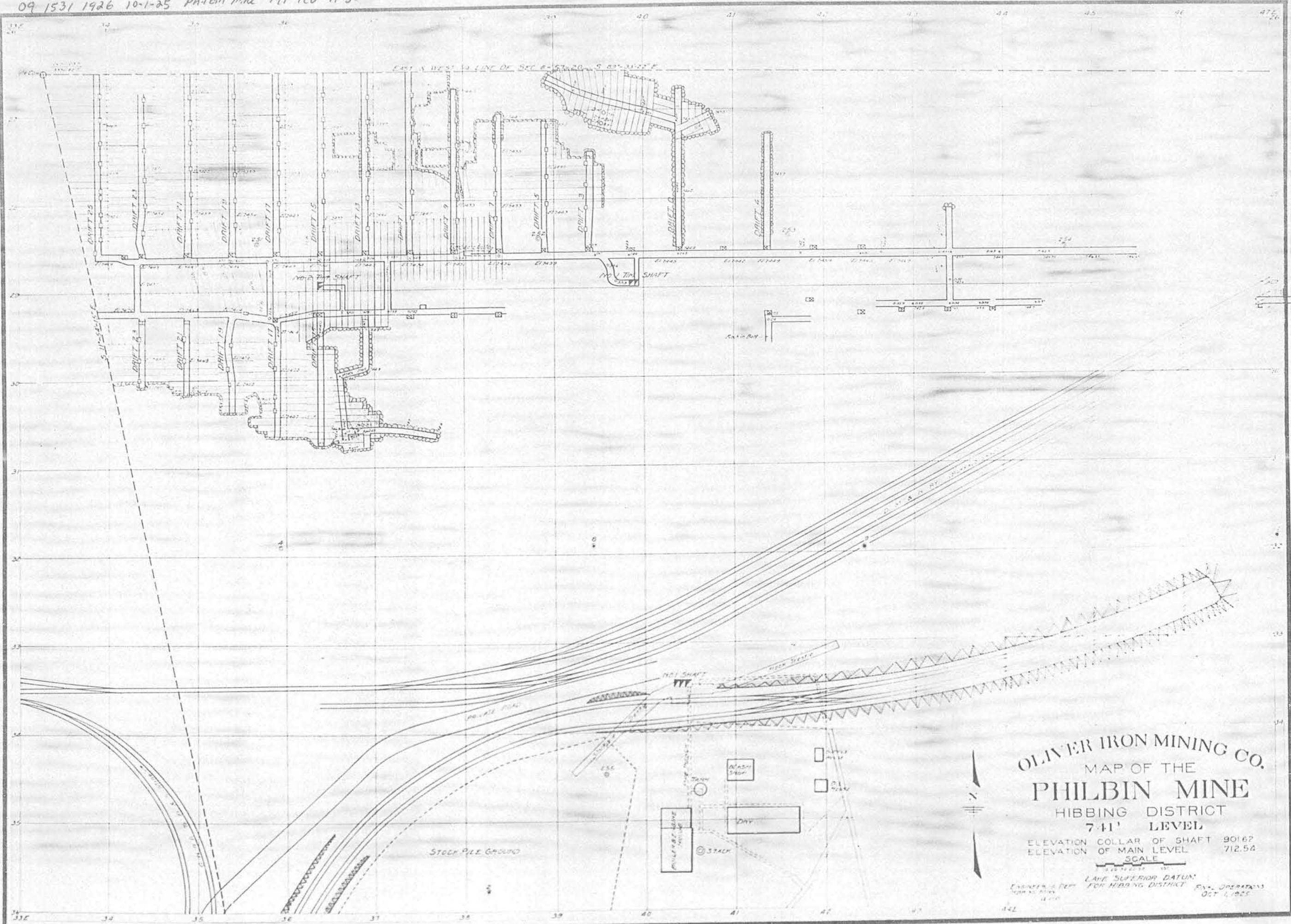
09 1531 1926 10-1-25 Philbin Mine 728' lev A-50



OLIVER IRON MINING CO
MAP OF THE
PHILBIN MINE
HEBING DISTRICT
728' LEVEL

ELEVATION OF ROAD AT POINT 25102
ELEVATION OF ROAD AT POINT 25102
SCALE
1" = 100'

09 1531 1926 10-1-25 Philbin Mne 741' lev A-50

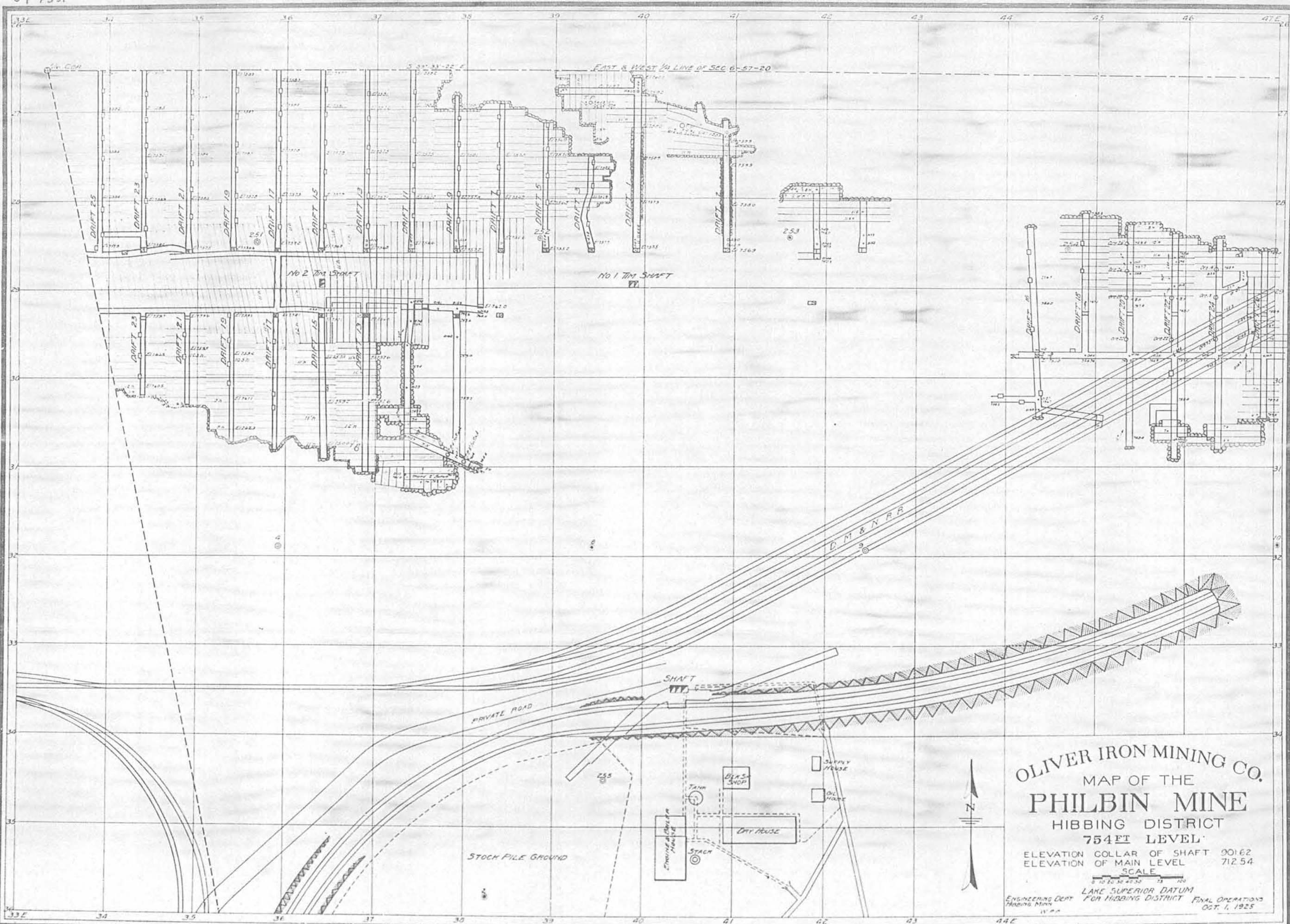


OLIVER IRON MINING CO.
MAP OF THE
PHILBIN MINE
HIBBING DISTRICT
741' LEVEL

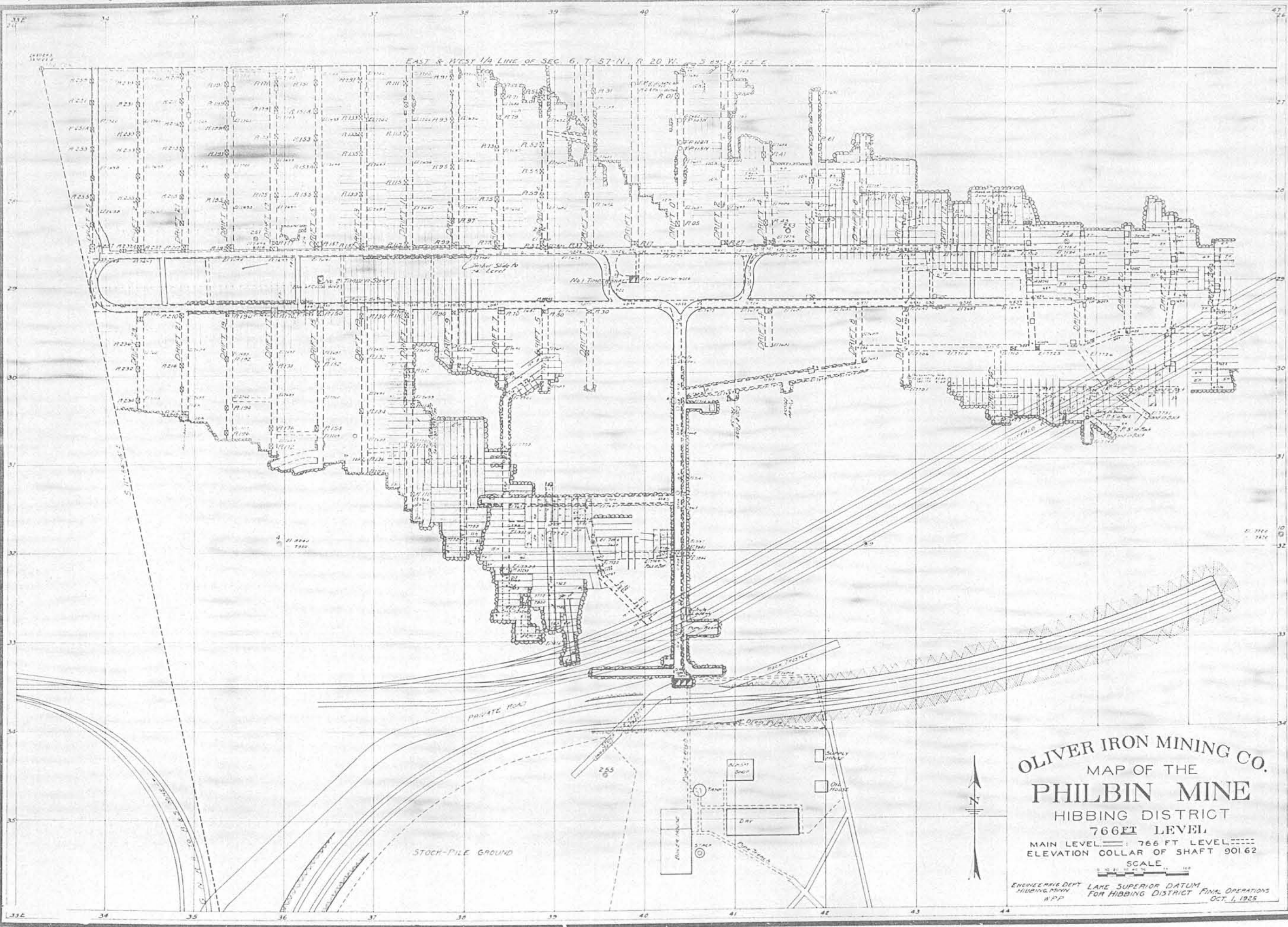
ELEVATION COLLAR OF SHAFT 901.62
ELEVATION OF MAIN LEVEL 712.54

SCALE
1" = 100'

LAKE SUPERIOR DATUM
FOR HIBBING DISTRICT
OCT. 1, 1925

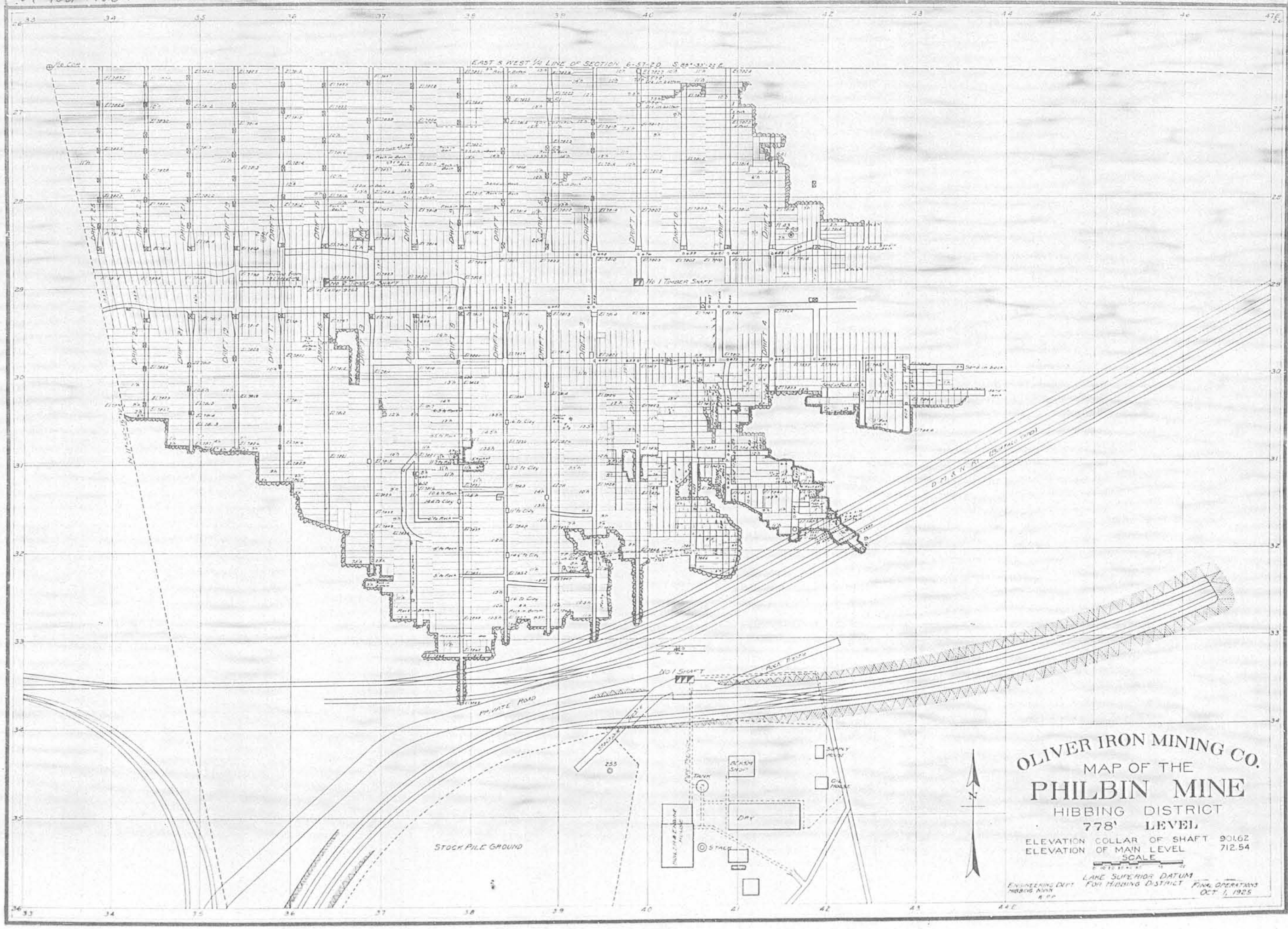


OLIVER IRON MINING CO.
 MAP OF THE
PHILBIN MINE
 HIBBING DISTRICT
 754' LEVEL
 ELEVATION COLLAR OF SHAFT 901.62
 ELEVATION OF MAIN LEVEL 712.54
 SCALE
 0 10 20 30 40 50 60 70 80 90 100
 LAKE SUPERIOR DATUM
 FOR HIBBING DISTRICT
 FINAL OPERATIONS
 OCT. 1, 1925
 ENGINEERING DEPT.
 MINING DIV.
 W. P. A.



OLIVER IRON MINING CO.
 MAP OF THE
PHILBIN MINE
 HIBBING DISTRICT
 766 FT LEVEL
 MAIN LEVEL — 766 FT LEVEL
 ELEVATION COLLAR OF SHAFT 901.62
 SCALE
 0 10 20 30 40 50 60 70 80 90 100
 ENGINEER PAUL DEPT
 HIBBING MINN
 R.P.P.
 LAKE SUPERIOR DATUM
 FOR HIBBING DISTRICT FINAL OPERATIONS
 OCT. 1, 1925

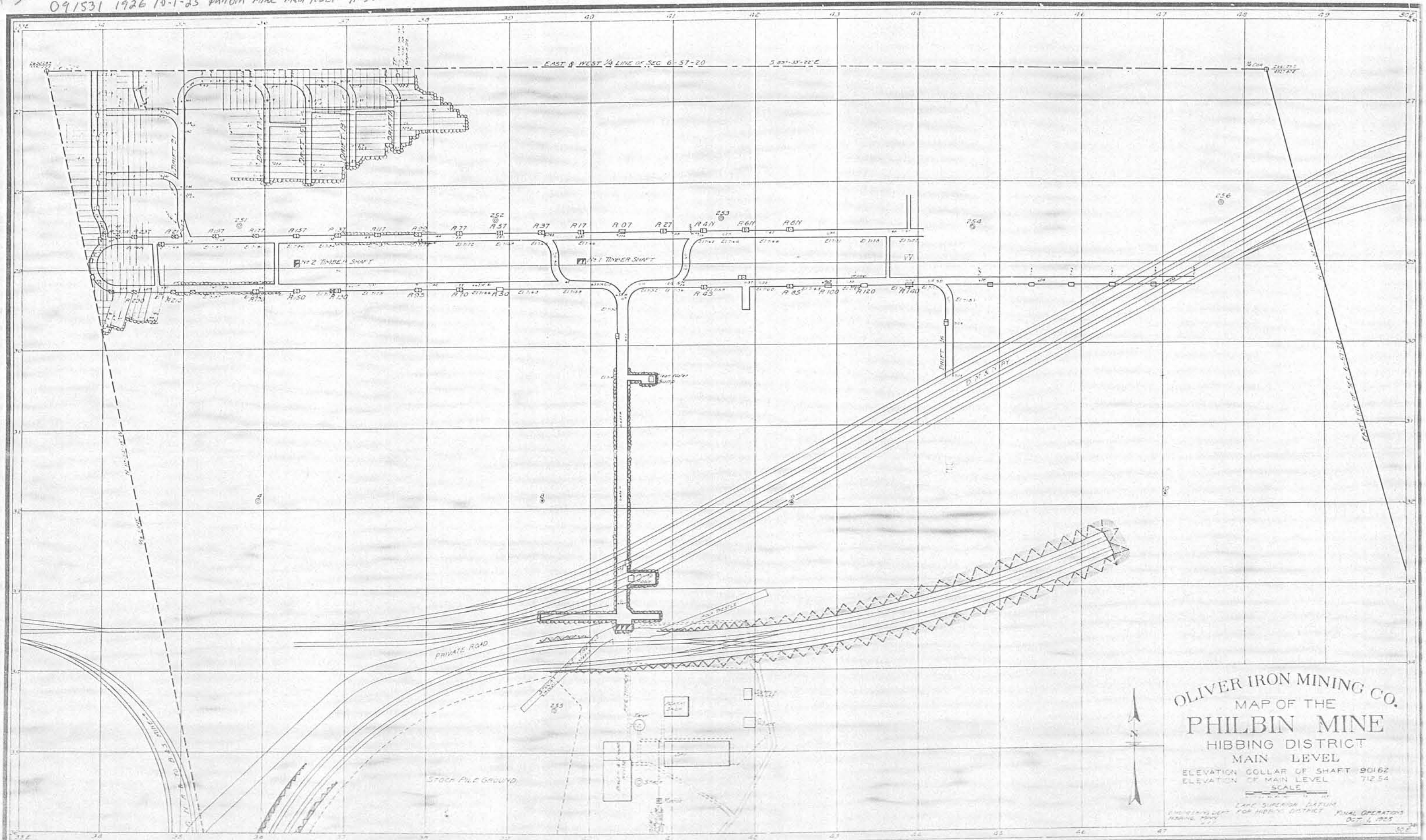
09 1531 1926 10-1-25 Philbin Mac 176 120 11 50



OLIVER IRON MINING CO.
MAP OF THE
PHILBIN MINE
HIBBING DISTRICT
778' LEVEL
ELEVATION COLLAR OF SHAFT 901.62
ELEVATION OF MAIN LEVEL 712.54
SCALE
LANE SUPERIOR DATUM
ENGINEERING DEPT. HIBBING MINES
OCT. 1, 1925

A-50

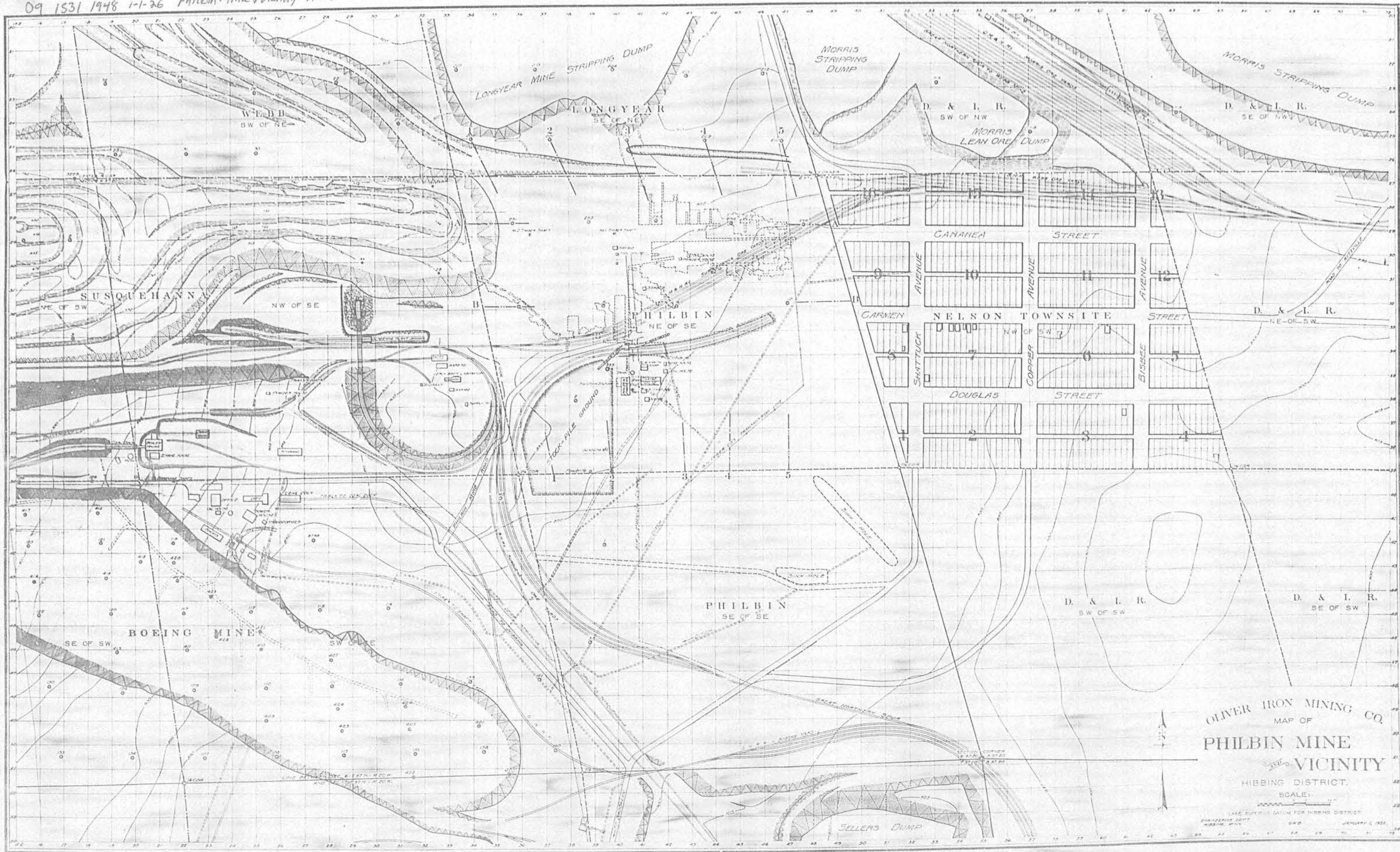
091531 1926 10-1-25 Philbin Mine Main level A-50



OLIVER IRON MINING CO.
MAP OF THE
PHILBIN MINE
HIBBING DISTRICT
MAIN LEVEL
ELEVATION COLLAR OF SHAFT 90162
ELEVATION OF MAIN LEVEL 71254
SCALE
LAKES SUPERIOR DATUM
ENGINEERING DEPT. FOR HIBBING DISTRICT
DRAWING NO. 211
FINAL OPERATORS
OCT. 4, 1925

89

09 1531 1948 1-1-26 Philbin Mine vicinity A-89



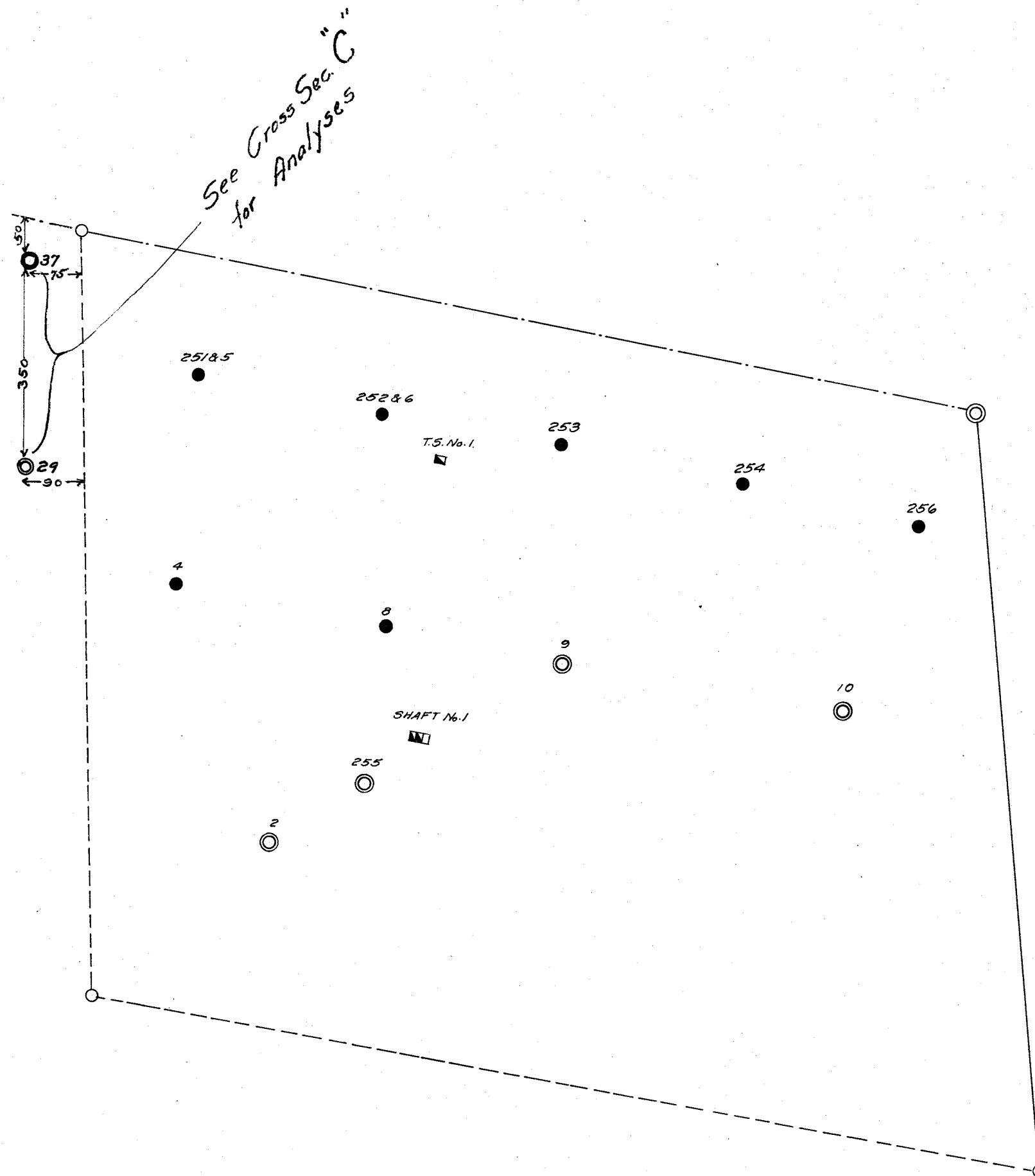
PHILBIN MINE

NE $\frac{1}{4}$ -SE $\frac{1}{4}$ 6-57-20

Origin of Co-ordinates C $\frac{1}{16}$ SE $\frac{1}{4}$ 6-57-20

C $\frac{1}{16}$ SE $\frac{1}{4}$	0.0N	0.0E
N $\frac{1}{16}$ SE $\frac{1}{4}$	1259.85N	0.0E
E $\frac{1}{16}$ SE $\frac{1}{4}$	310.625	1543.01E
E $\frac{1}{4}$ SE $\frac{1}{4}$	939.69N	1462.97E

Scale of Plat 1" = 200'
Scale of Hole 1" = 40'



Drawn by C.A. Aura.
Checked by E. Dwyer.