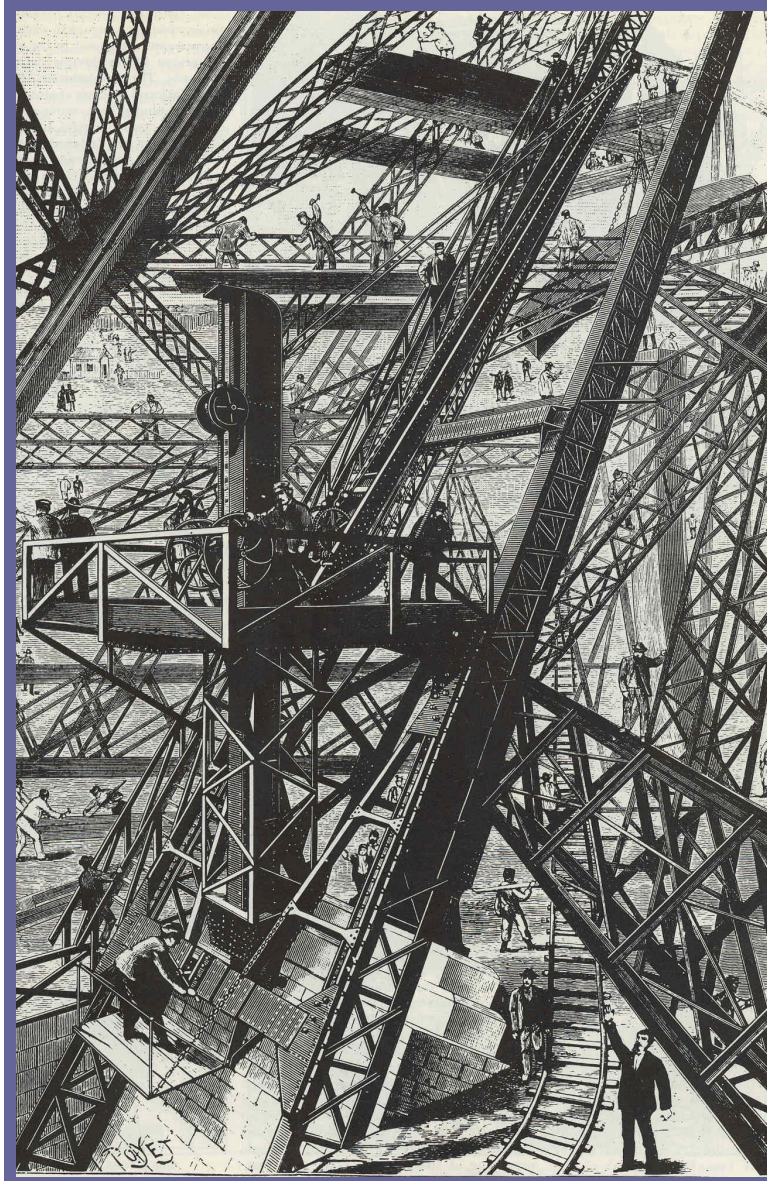


HYDRAULIC LIFTS AT THE EIFFEL TOWER



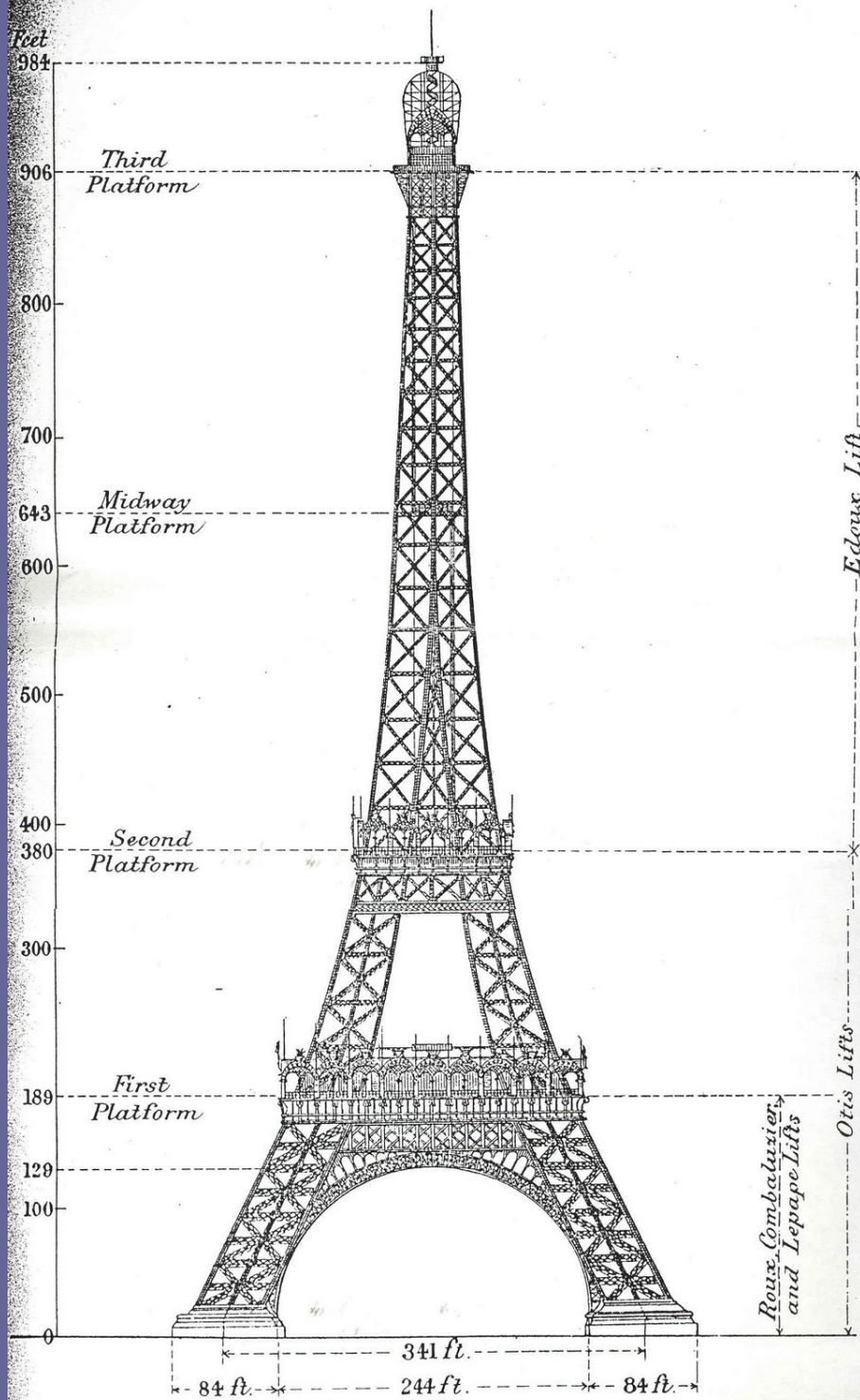
The Tower under construction, completed in 1889
“Victorian Inventions,” Leonard de Vries, 1971
(CIBSE Heritage Group Collection)

Two Otis hydraulic lift systems serve the 1st & 2nd level platforms using double-deck cars ascending the lower slope of the tower. Two hydraulic lifts using the Roux, Combaluzier & Lepape system operate from the ground to the 1st platform. An Edoux hydraulic lift carries visitors from the 2nd platform to the top of the tower.

EIFFEL TOWER LIFTS.

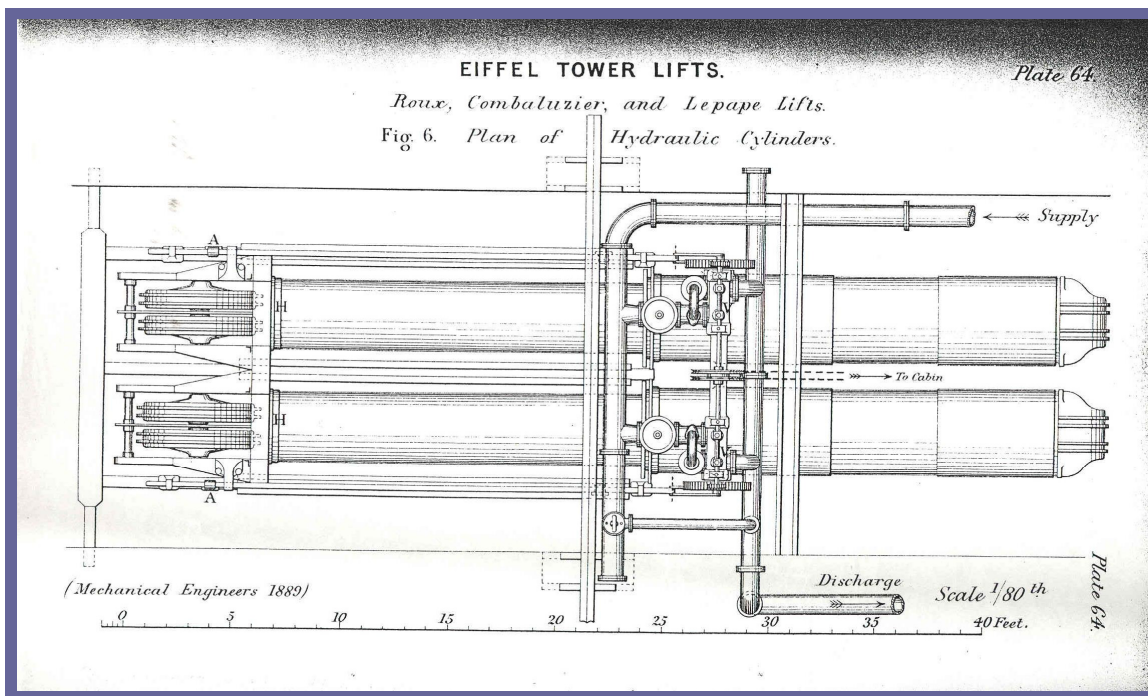
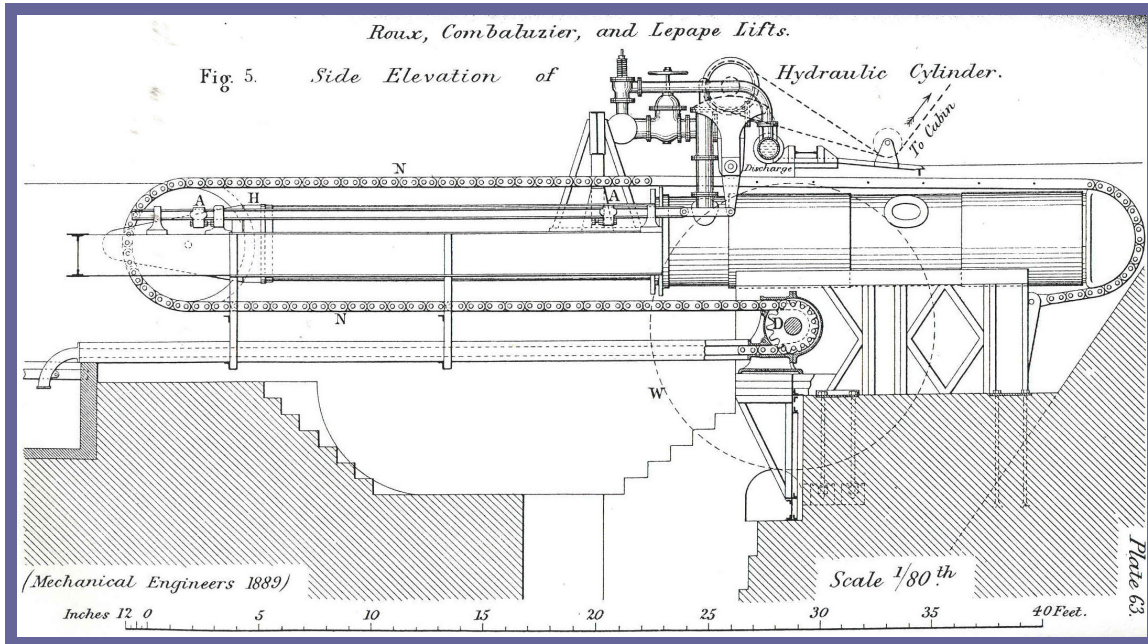
Plate 61.

Fig. 1. Elevation of Eiffel Tower.



(Mechanical Engineers 1889)

Scale $1/2000^{\text{th}}$

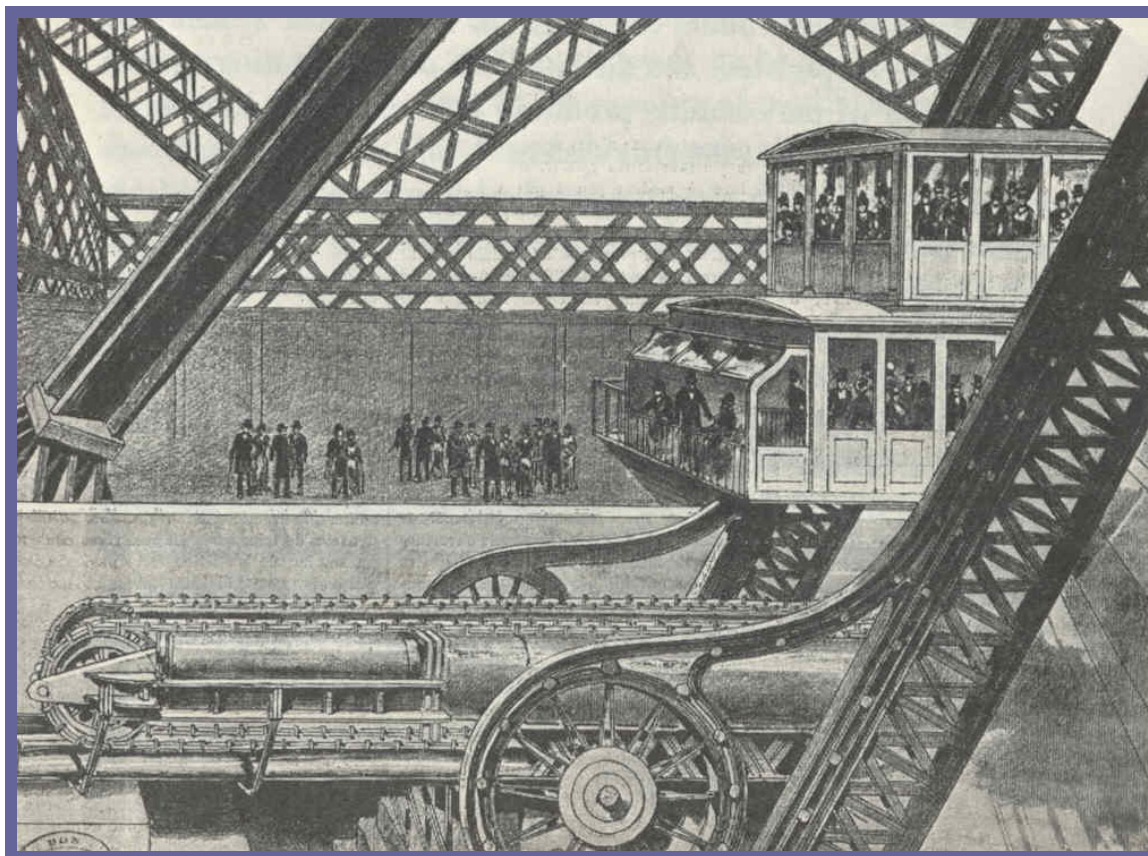
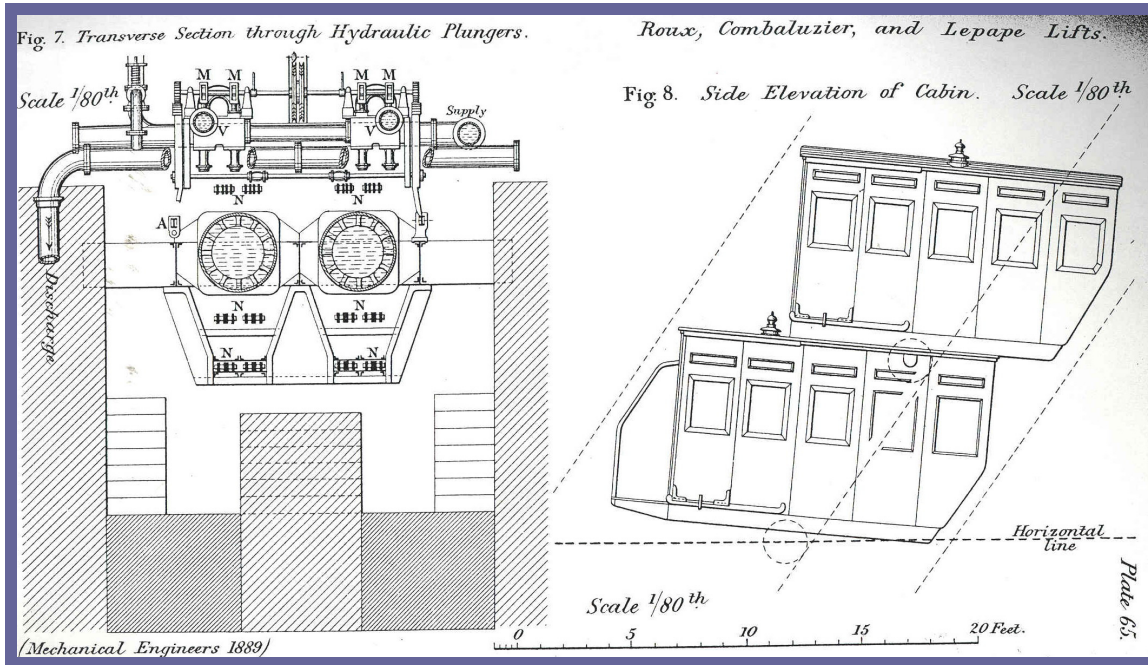


The Roux, Combaluzier & Lepape lifts

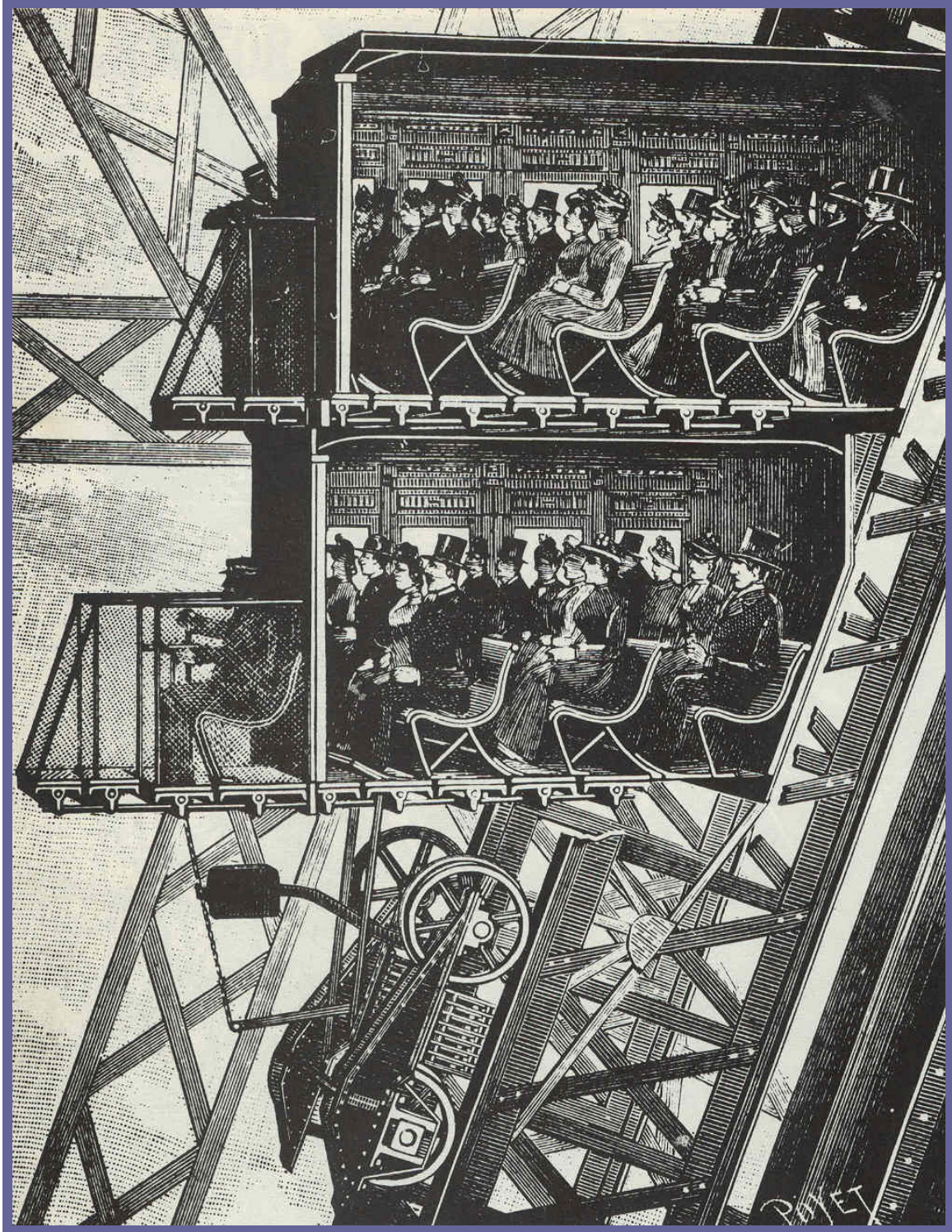
**Diagram Plates from “Description of the Lifts in the Eiffel Tower,”
A Ansaloni, *I Meche*, July 1889
(CIBSE Heritage Group Collection)**

**A complete version of this paper and details of other lifts and escalators is
available elsewhere on this website**

http://www.hevac-heritage.org/electronic_books/lifts/lifts.htm



**The Roux, Combaluzier & Lepape hydraulic lift
 “The Eiffel Tower: Symbol of an Age,” Joseph Harris, 1976
 (CIBSE Heritage Group Collection)**



**A Double-Deck Otis Hydraulic Lift
“Victorian Inventions”**