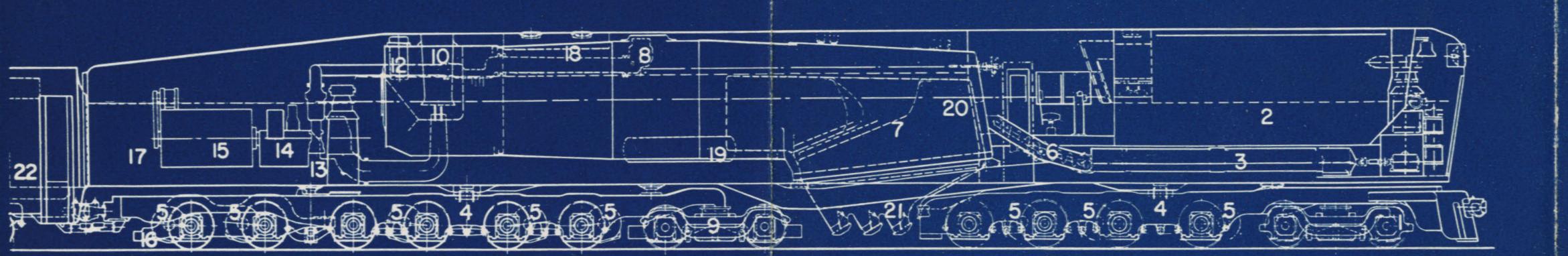
FACTS ABOUT THE C&O "500"



PRINCIPAL PARTS

- 1. Engine truck
- 2. Coal bunker
- 3. Stoker conveyor
- 4. Center pins (2) (Main frames)
- 5. Traction motors (8)
- 6. Stoker elevator pipe
- 7. Boiler
- 8. Steam shut-off valve and handle
- 9. Intermediate truck
- 10. Exhaust stack
- 11. Exhaust nozzle
- 12. Feedwater heater
- 13. Main turbine
- 14. Reduction gearing
- 15. Generators (2)
- 16. Trailing truck
- 17. Control compartment
- 18. Sand box (2)
- 19. Smoke consumer turbine
- 20. Smoke consumers
- 21. Ash pan
- 22. Tender

GENERAL SPECIFICATIONS

Rated horsepower 6000

Working steam pressure . . 310 lbs. sq. in.

Driving wheels 40 in. dia.

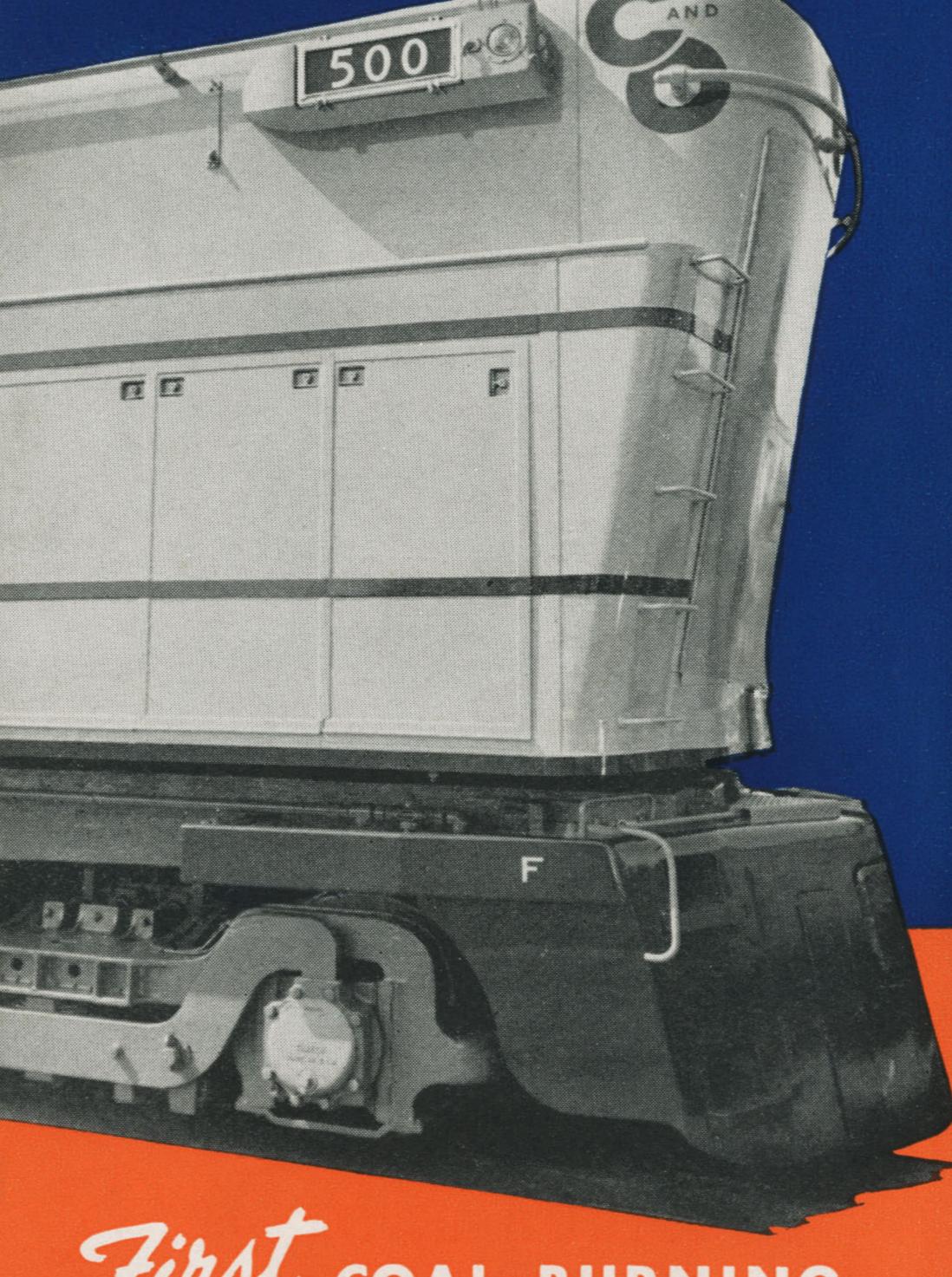
Overall length, engine and tender 140'-33/4"

Weight, total engine . . . 823,000 lbs.

Tank capacity (water) . . 25,000 U. S. gal.

Total pairs of wheels under engine . . 20

Chesapeake and Thio Zailway PRESENTS THE "500"



First COAL-BURNING
STEAM TURBINE-ELECTRIC

LOCOMOTIVE ON EXHIBITION CHICAGO RAILROAD FAIR

