

**GENERAL DATA.**

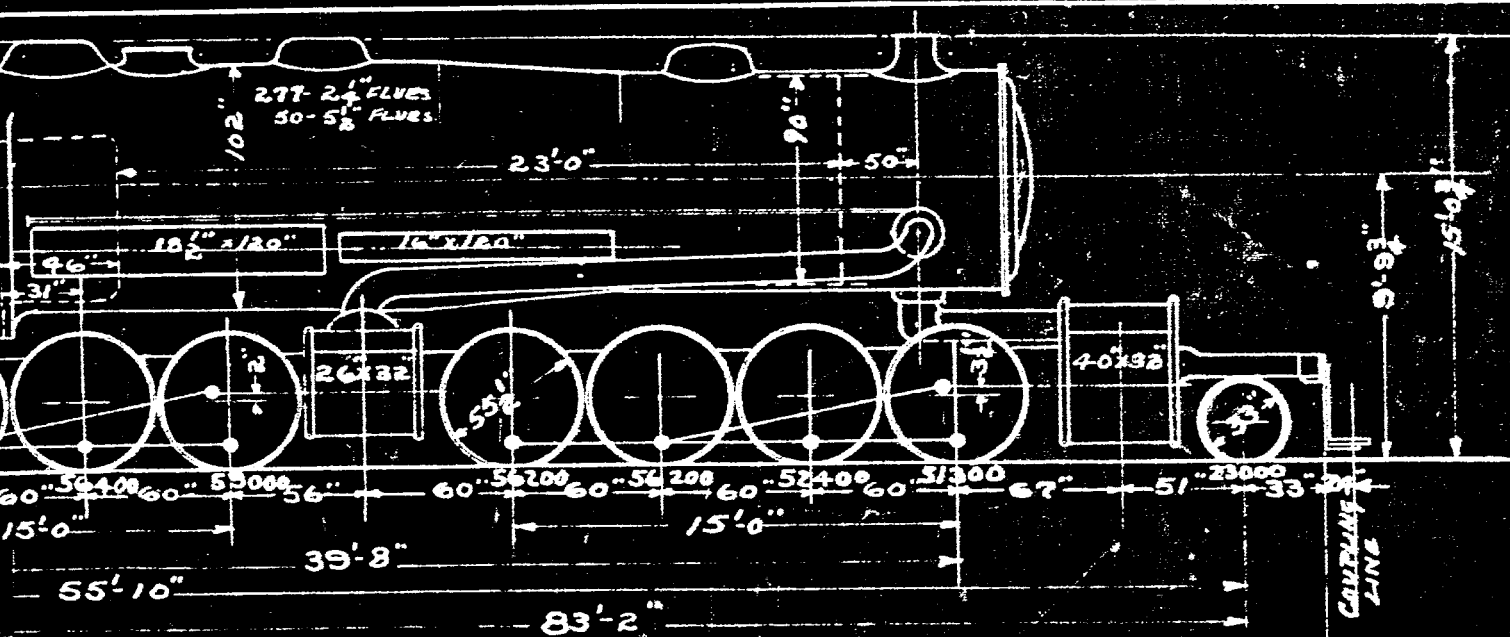
WORKING PRESSURE.	210 LBS. SQ. IN.
TRACTIVE POWER.	98400 LBS.
DRIVING JOURNALS.	11" X 13"
FIRE BOX TYPE.	RADIAL STAYS.
VALVE MOTION.	WALSCHAERT.
TRUCK JOURNALS.	7" X 11"
SUPERHEATER TYPE.	SCHMIDT.
STOKER	DUPLEX

**WEIGHTS IN WORKING ORDER.**

TRUCK.	23,000 LBS.
DRIVERS.	435,500 LBS.
TRAILER.	20,000 LBS.
TOTAL ENGINE.	478,500 LBS.
TOTAL ENGINE AND TENDER.	648,500 LBS.
FACTOR OF ADHESION.	4.42

**88' 4 1/2" OVER BUMPER FA  
HEATING**

FIREBOX.
FLUES.
FLUES.
COMBUSTION CHAMBER.
TOTAL HEATING SURFACE.
GRATE AREA.
SUPERHEATER.
RATIO GRATE TO



" OVER BUMPER FACES.

**HEATING SURFACE.**

FIREBOX.	262 SQ. FT.
FLUES.	2 1/2" DIA. 3735 SQ. FT.
FLUES.	5 1/2" DIA. 1659 SQ. FT.
COMBUSTION CHAMBER.	92 SQ. FT.
TOTAL HEATING SURFACE	5743 SQ. FT.
GRATE AREA.	108 SQ. FT.
SUPERHEATER	1450 SQ. FT.
RATIO GRATE TO HEAT. SURFACE.	1 TO 53.

**TENDER.**

WATER CAPACITY.	8500 GALS.
FUEL CAPACITY.	15.50 TONS.
TANK TYPE.	WATER BOTTOM.
JOURNALS.	6" X 11"
DRAFT GEAR.	FARLOW-GOULD-FRICTION.
WEIGHT LOADED.	17000 LBS.