

TONNAGE CLASS..81

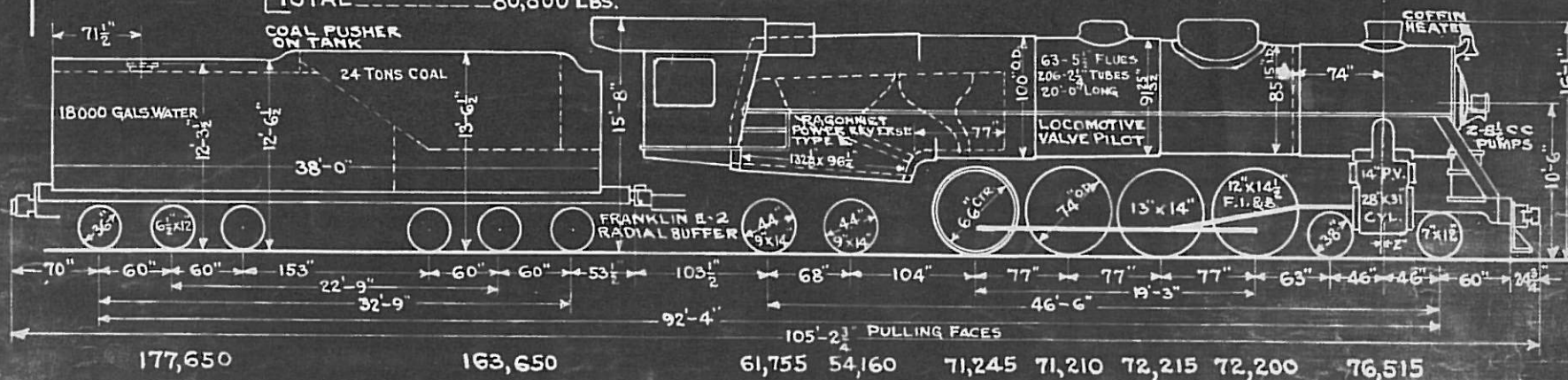
RATED TRACTIVE EFF @ 8 MI. PER HR.
 MAIN ENGINE.....71,200 LBS.
 BOOSTER.....9,600 LBS.
 TOTAL.....80,800 LBS.

FRISCO LINES
 S.L.-S.F. RY. CO.

COAL BURNER

ENGINE NOS.
 4515-4524

11-17-43
 3-1-47



BUILDER.....BALDWIN LOCO. WORKS
 BUILDER'S No. 4515 = 69731
 DATE BUILT.....AUGUST, 1943
 CURVATURE.....MAX. 20 DEGREES
 CYLINDER CENTERS.....7'-10"
 VALVE CENTERS.....8'-11"
 FRAME CENTERS.....3'-4"
 WIDTH OVER CAB.....10'-6"
 WIDTH OVER RUNNING BOARD.....10'-10"
 WIDTH EXTREME, (OVER STEAM CHEST), 10'-11 1/2"

BOOSTER.....FRANKLIN TYPE E
 WEIGHT ON ENGINE TRUCK.....76,515 LBS.
 WEIGHT ON DRIVERS.....286,870 LBS.
 WEIGHT ON TRAILER.....115,915 LBS.
 TOTAL WEIGHT OF ENGINE.....479,300 LBS.
 WEIGHT OF TENDER.....341,300 LBS.
 TOTAL WEIGHT ENGINE & TENDER.....820,600 LBS.
 BOILER PRESSURE.....255 LBS.
 TRACTIVE EFFORT.....71,200 LBS.
 FACTOR OF ADHESION.....4.03

STOKER.....STANDARD BK
 GRATE AREA.....88.35 Sq. Ft.
 HEATING SURFACES.....Sq. Ft.
 FIRE BOX.....262
 SYPHONS.....117.5
 COMBUSTION CHAMBER.....145
 ARCH TUBES.....19.5 TOTAL 544
 TUBES.....2416
 FLUES.....1806 TOTAL 4766
 SUPERHEATING SURFACE.....1508
 COMBINED EVAPORATIVE & SUPERHEATED SURFACE.....6274