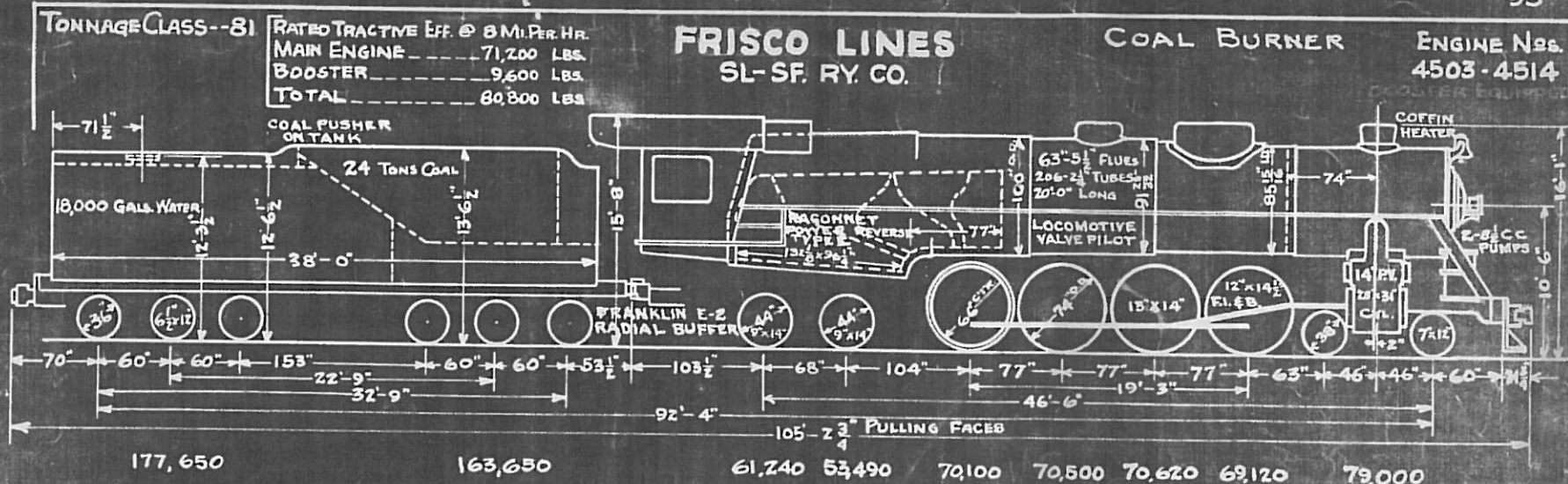


11-17-43
3-1-47



BUILDER ----- BALDWIN LOCA. WORKS.
 BUILDER'S No 4503 ----- 64437
 DATE BUILT ----- AUG. 1942
 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"

BOOSTER ----- FRANKLIN TYPE E
 WEIGHT ON ENGINE TRUCK ----- 79,000 LBS.
 WEIGHT ON DRIVERS ----- 280,340 LBS.
 WEIGHT ON TRAILER ----- 114,730 LBS.
 TOTAL WEIGHT OF ENGINE ----- 474,070 LBS.
 WEIGHT OF TENDER ----- 341,300 LBS.
 TOTAL WEIGHT ENGINE & TENDER ----- 815,370 LBS.
 BOILER PRESSURE ----- 255 LBS.
 TRACTIVE EFFORT ----- 71,200 LBS.
 FACTOR OF ADHESION ----- 394

STOKER ----- STANDARD B-K
 GRATE AREA ----- 88.3 Sq. Ft.
 HEATING SURFACES ----- Sq. Ft. ----- Sq. Ft.
 FIRE BOX ----- 262
 GYPHONS ----- 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