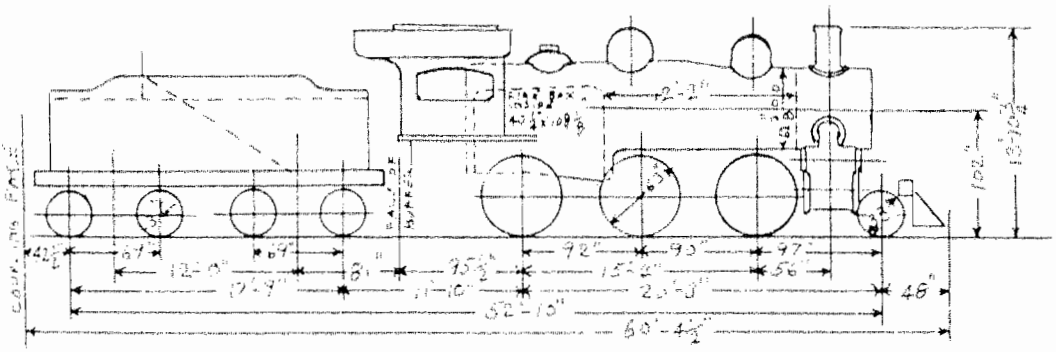
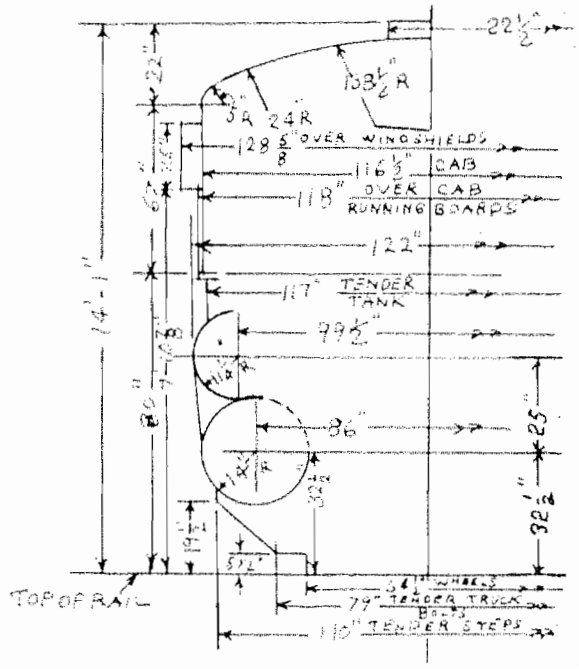
NR 38 3BFQ 8045

CLASS K-1-D

ALL DIMENSIONS ARE GIVEN FOR ENGINE AND TENDER IN WORKING ORDER, AND WITH NEW WHEELS AND TIRES





CPB

12/31/61

BOILER DATA				TENDER DATA					WEIGHT DATA			GENERAL DATA	
ITEM	B.W.G.	DIAM.	HEATING SURFACE SQ.FT.	TENDER DIAGRAM No.	LOADED WT. LBS.	CAPACITY WATER	CAPACITY COAL	TENDER CLASS	WEIGHTS TOT. ENG.	WEIGHTS DRIVERS	ENGINE SERIES	BOILER PRESSURE	190 LBS
SMALL FLUES - 175	#12 MIN.	2"	1136	8304	133300	7000	12	W-6-L	167800	142800	400-211 INC	TRACTIVE EFFORT	34700 LBS
LARGE FLUES - 21	#10 MIN.	5¼"	3528	8008	133300	7000	12	W-6-K	166000	141000	326-417 INC	FACTOR OF ADHESION APPROX.	4.06
TOTAL TUBES			4664	8313	133300	7000	12	W-6-C	152758	137000	418-432 INC	MAX. CURVATURE	20°
FIREBOX PLATES			165	8010	116300	6000	12	W-6-D	167200	142200	433	VALVE GEAR	BAKER
ARCH TUBES - 2	#8 MIN.	3"	15						162950	137000	434-479 INC.		WALSCHAERT
TOTAL FIREBOX			181										SOUTHERN
PRIMARY SUPERHEATER			955									CYLINDER	22" x 28"
SUPERHEATER SURFACE			2490									VALVE	12" PISTON
GRATE AREA			54.2 SQ. FT.										