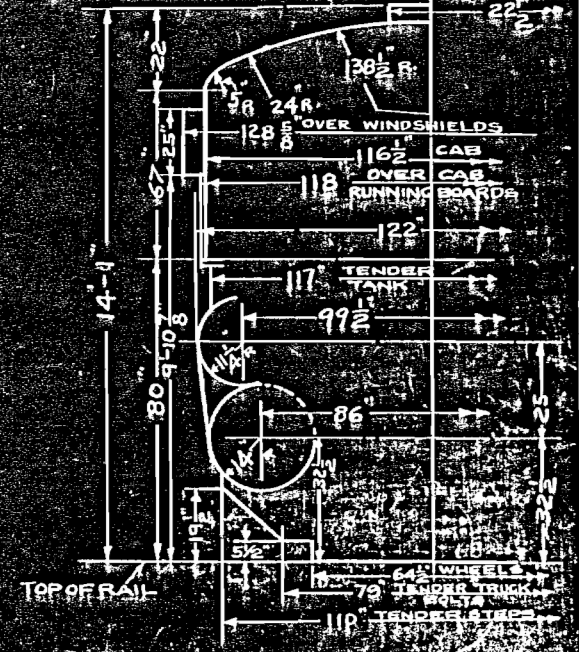
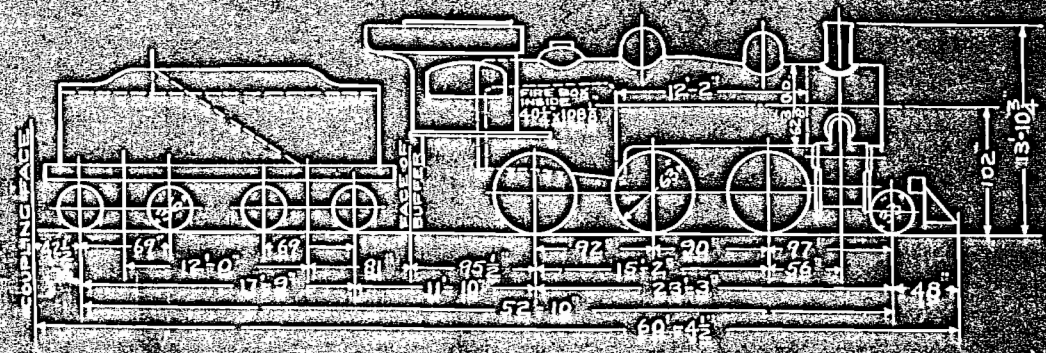


N.Y.N.H. & H.R.R. CO. MECH. ENGRS. OFFICE

DEC. 1929

CLASS K-1-d
 DIAGRAM
 SK. 8047

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



CORRECT
B. Jones
 C.P.

APPROVED
[Signature]
 M.E.

THIS SK. SUPERSEDES SKS. 2843 & 5210

BOILER DATA				TENDER DATA				WEIGHT DATA			GENERAL DATA		
ITEM	R.W.G.	DIAM.	HEATING SURFACE SQ. FT.	TENDER DIAGM. NO.	LOADED WT. LBS.	CAPACITY WATER	COAL	TENDER CLASS	WEIGHTS TOT. ENG.	DRIVERS	ENGINE SERIES	BOILER PRESSURE	190 LBS.
SMALL FLUES	175	1/2 MIN.	1106	8009	133300	7000	12"	W-6-a	167800	142800	260-299 INC.	TRACTIVE EFFORT	34700 LBS.
LARGE FLUES	21	10 MIN.	368	8008	133300	7000	12"	W-6-b	166000	141000	326-419 INC.	FACTOR OF ADHESION APPROX.	4.06
TOTAL FLUES			1464	8018	133300	7000	12"	W-6-c	162950	139000	420-422 INC.	MAX. CURVATURE	20°
FIREBOX PROPER			166	8010	116000	6000	10"	W-5-b	164250	140250	423	VALVE GEAR	WALSCHAERTZ
ARCHITUBES	2	8 MIN.	15						162950	139000	424-479 INC.	MAX. CURVATURE	20°
TOTAL FIREBOX			181									VALVE GEAR	BAKER
PRIMARY HTC. SURFACE			1645									CYLINDER	22" X 28"
SUPERHEATING SURFACE			290									VALVE	12" PISTON
GRATE AREA			30.2 SQ. FT.										

DR TR CW IN