

W-11-A TENDER

EN66.3200-3249

CLASS L-1-A LOCOS

TYPE A SUPERHEATER

ALL LOCO'S EXCEPT

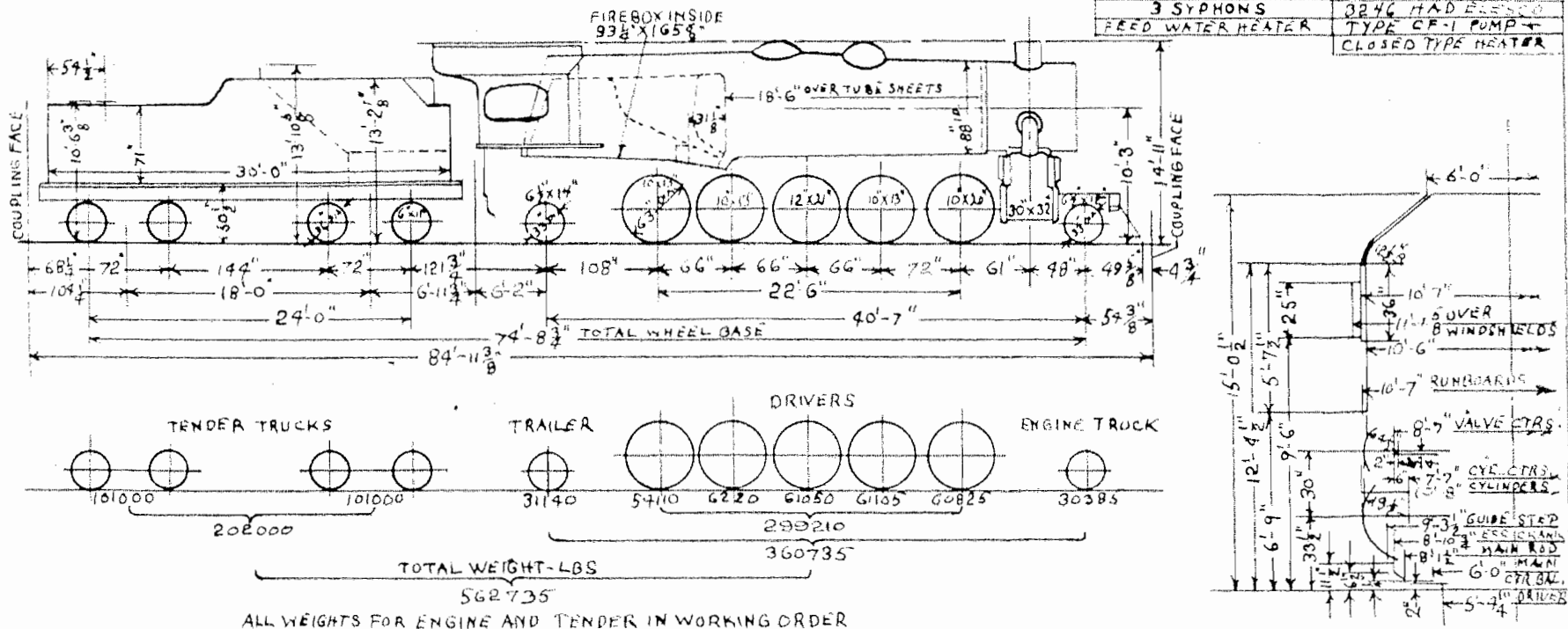
3 SYPHONS

3246 HAD 2

FEED WATER HEATER

TYPE CF-1 PUMP

CLOSED TYPE HEATER



NOVEMBER 30, 1961

CAB

ITEM	BOILER	HEATING SURFACE	LENGTH	DIA.	GAUGE OR THICK.	DESIGN DATA	GENERAL DATA
1	BOILER TUBES 244 SPACING 3/4"	2645	18'-6"	24"	212 MIN.	CALCULATED EVAPORATION LBS / HR.	BOILER PRESSURE 200 LBS.
2	BOILER FLUES 52 SPACING 3/4"	1378	18'-6"	5 1/2"	10 MIN.	TUBES @ 8.29 LBS.	TRACTIVE EFFORT 77800 LBS.
3	TOTAL TUBES & FLUES	4023				FLUES @ 10.44 LBS.	FACTOR OF ADHESION 3.85
4	FIRE BOX PROPER	266				SYPHONS @ 53 LBS.	MAX. CURVATURE 16"
5	SYPHONS - 3	159				FIRE BOX @ 53 LBS.	ENGINE TRUCK SWING 6"
6	TOTAL FIRE BOX	420				TOTAL EVAPORATION	TRAILING TRUCK SWING 7 1/2"
7	TOTAL EVAPORATING HEATING SURFACE	4773				ST. CONSUMPTION (32.4 x 20.8)	COAL CAPACITY 16 TONS
8	TOTAL SUPERHEATING HEATING SURFACE	1116				BOILER FACTOR	WATER CAPACITY 11000 GALS.
9	TUBE SHEETS ST. 5/8" BK. 1/2"					FIRE BOX H.S. TO GRATE AREA	VALVE GEAR BAKER
10	GRATE AREA 82 SQ. FT.					TOTAL H.S. TO FIRE BOX H.S.	STOKER "LT-1" CONVERSION
11	WEIGHT WATER 2 1/2 GAUGES					TOTAL H.S. TO SUPERHEATER H.S.	THROTTLE - CHAMBERS DOME TYPE - OUT. CONN.
12						FRAME CTRS. 4" FRAME WIDTH 6"	FT LATERAL DRW. BOX 1" PLAY
13							FIRE BOX ARCH GAINES
14							