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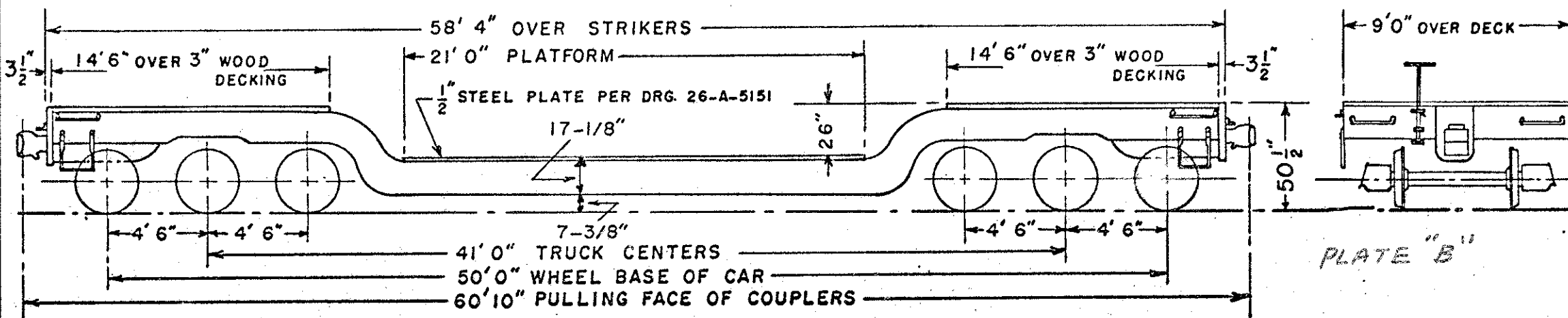
DATE OF REVISION

2-27-64

Class Ft-X	AAR-FD	Series 90000	1 Car
Built New	1953	By	ATSF (Topeka Shops)
Body Drg. List	213/3152	Truck Drg. List	213/3153
Bill of Material	825		

DIAGRAM FOLIO 211/4

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This car is designed to carry a load equivalent to the load limit over a distance of 18' 0" at center of car.

*Nominal capacity	250,000 lbs.	General Arrangement Drg.	26-A-4667	Truck General Arrgt. Drg.	20-B-2280
Load limit	264,000 lbs.	Underframe	1-Piece cast steel	Journal size	6-1/2 x 12
Lightweight of car	130,000 lbs.	Lading anchors	24 Tie anchors	Wheel base of trucks	9' 0"
Length		Draft gear	Minar A-22-XL	Truck centers	41' 0"
*Loading platform	21' 0"	Coupler	AAR, Type "E" Rotary	Wheel base of car	50' 0"
Upper decks (each)	14' 6"	Yoke	Y-40 high tensile steel	Truck springs	#700, 701, 730
Over end sills	57' 9"	Handbrake	2, Equipco drop shaft	Spring travel	1-5/8"
*Over strikers	58' 4"	Brake beam	AAR No. 18	Wheels - 30" dia.	AAR No. A-30 Class "U"
Over pulling face of cplrs.	60' 10"	Brake adjuster	None	Axles	20-D-2287
				Brakes AB Dual system	10 x 12 Westinghouse
Width		Floor		Roller Bearings - Timken per Car Folio	
*Over loading platform	9' 0"	Loading platform	1/2" Steel plate		Page 556-A-8
Over upper deck	9' 0"	Upper deck	3" Wood deck	Trucks -	1 piece cast steel frame & bolster per Drg. 20-A-2281
Over side sill plates	9' 0"				
*Extreme @ jacking pad	9' 10"				
Height		Min. turning radius	39-deg. curve 150 ft. radius		
*Rail to top of loading platform	2' 0-1/2"				
Rail to top of upper deck	4' 2-1/2"				
Rail to side sill	7-3/8"				
*Rail to extreme width @ jacking pad	2' 11-1/2"				
*Extreme @ brake wheel raised	5' 7-7/16"				

CENTER OF GRAVITY

APPROX 24" ABOVE TOP OF RAIL

FOR GEN. ARRGT. APPLICATION OF "AP" ROLLER BEARINGS SEE DRGS.
2-D-42-28211
2-D-42-28212
2-D-42-28213