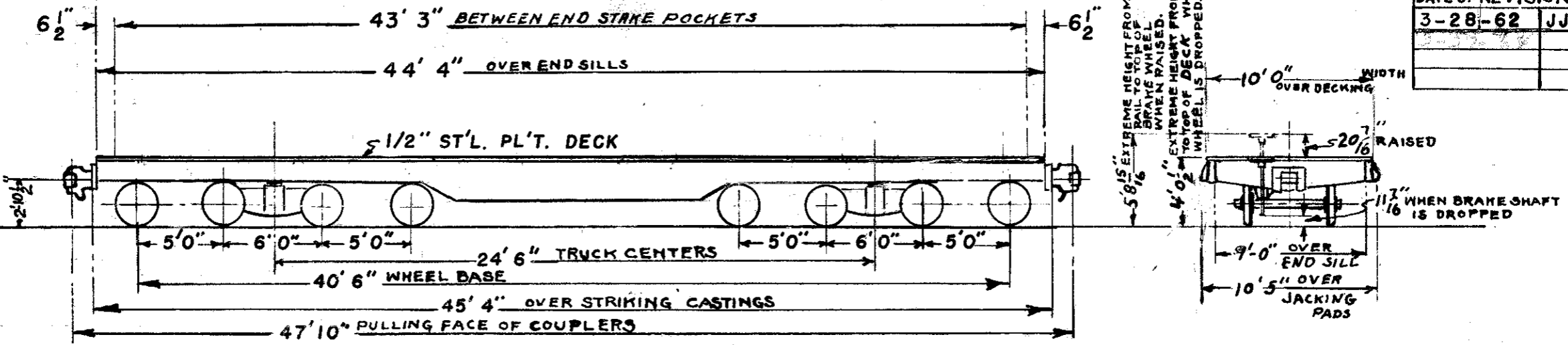


TYPE OF CAR	CLASS	SERIES	BUILT BY	YEAR
FLAT	FT- 4	90020	AT.S.F. (TS)	1954

ORIGINAL NUMBER OF CARS PURCHASED-1

DRAWN	J.J.H.
TRACED	
CHECKED	

DATE OF REVISIONS	
3-28-62	JJH



DESCRIPTION

CAPACITY	497000	WIDTH OVER FLOOR	10' 0"
LOAD LIMIT	497600	WIDTH OVER END SILL	9' 0"
LIGHT WEIGHT OF CAR	102400	EXTREME WIDTH (OVER JACKING PADS)	10' 5"
WEIGHT OF BODY	41000	HEIGHT FROM RAIL TO EXTREME WIDTH	3'-1"
WEIGHT OF TRUCK	61400	EXTREME HEIGHT (TO TOP OF BRAKE WHEEL RAISED)	5' 8 15/16"
HEIGHT FROM RAIL TO TOP OF FLOOR	4'-0 1/2"	UNDERFRAME	CAST STEEL
LENGTH OVER END SILLS	44'-4"	KIND OF COUPLERS	TYPE "E" SWIVEL SHANK
LENGTH OVER STRIKING CASTINGS	45'-4"	SIZE OF SHANK	6-1/4" X 8"
LENGTH OVER PULLING FACE OF COUPLERS	47'-10"	DRAW BAR YOKE	Y-30 VERTICAL SWIVEL
CENTER TO CENTER OF TRUCKS	24'-6"	DRAWBAR ATTACHMENT	SINGLE, HORIZ. KEY
WHEEL BASE OF CAR	40'-6"	UNCOUPLING ARRANGEMENT	S.R.E.M. CO.
WIDTH OVER SIDE SILL STEPS	8'-11"	HAND BRAKE	EQUIPCO, DROP SHAFT
BODY DRG. LIST	3204	CENTER OF GRAVITY	APPROX. 40-1/2"
TRUCK LIST	3204	MIN. TURNING RADIUS	39 DEGREE CURVE, 150 FT. RADIUS
BILL OF MATERIAL	855		

revised on legal say sheet

THIS UNDERFRAME DESIGNED FOR THESE LOADING CONDITIONS			
LENGTH OF LADING	LOAD	LENGTH OF LADING	LOAD
0	390,000	6' 0"	444,400
2' 0"	406,600	8' 0"	466,000
4' 0"	424,600	10' 0"	LOAD LIMIT

TOPEKA, KANSAS. AUG. 24, 1954

