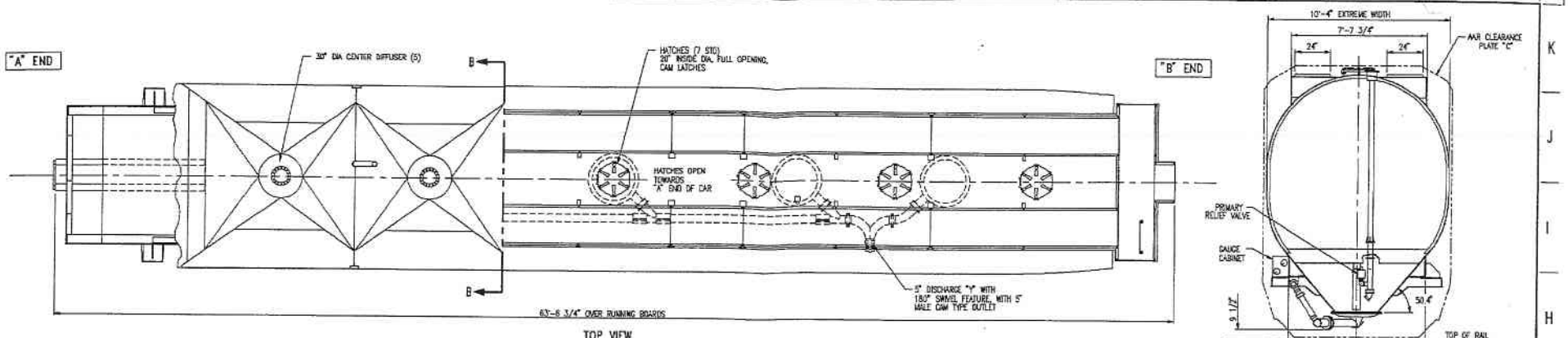
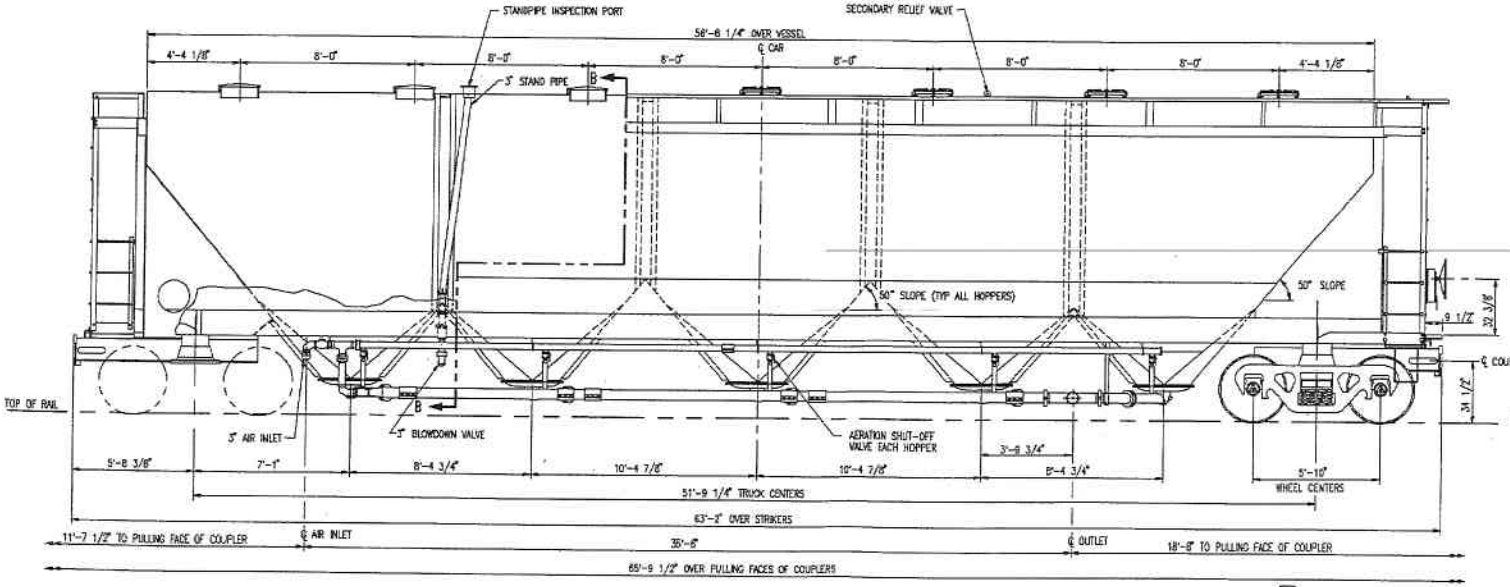
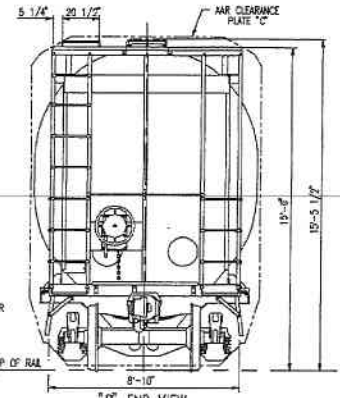


TOP VIEW

SECTION B-B



SIDE VIEW



"B" END VIEW

PNEUMATIC UNLOADING SYSTEM

OPERATING PRESSURE	14.7 PSI
AIR INLET (1)	3" MALE CAM TYPE
DISCHARGE OUTLET (1)	5" MALE CAM TYPE
DISCHARGE PIPING AND VALVES	5" DIA
PRIMARY RELIEF VALVE	2" SIZE, 14.7 PSI, 903 CFM CAPACITY
SECONDARY RELIEF VALVE	2" SIZE, 17.0 PSI, 955.8 CFM CAPACITY
VACUUM RELIEF VALVE	3/4"
CHECK VALVES	3" SWING TYPE
PRESSURE GAUGES (2) IN CABINET	4 1/2" DIALS
CENTER DIFFUSER (AERATOR)	30" DIA (5)

ALL MATERIALS IN CONTACT WITH LADING ARE FDA APPROVED

GENERAL SPECIFICATIONS

CUBIC CAPACITY, TOTAL	5125 CU FT
TRUCK CAPACITY	110 TONS
AAR CLEARANCE	PLATE "C"
ESTIMATED LIGHTWEIGHT	69,500 LBS
GROSS RAIL LOAD	286,000 LBS
CENTER OF GRAVITY, EMPTY	62.2 IN
CENTER OF GRAVITY, LOADED	95.5 IN

REV	BY	DATE	REVISION	M
C	JAS	6-3-96	REVISED TO REFLECT 286,000 GRL	
B	JAS	4-7-93	ELIMINATED RUPTURE DISK, ADDED SECONDARY RELIEF VALVE, REVISED INSPECTION PORT	M
A	LJH	10-22-90	REVISED ESTIMATED LIGHTWEIGHT	M

TRINITY INDUSTRIES, INC.
RAILCAR DIVISION

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DRAWN	JSH	1-22-90
CHKD	LH	1-22-90
APPD	LJH	1-22-90
FILE		
NLA		
WEIGHT		

GENERAL ARRANGEMENT
5125 CU FT POWER FLO CAR
ONE COMPARTMENT

DRAWING NO:	SHEET	REV	SIZE
D-90477	1 OF 1	C	D