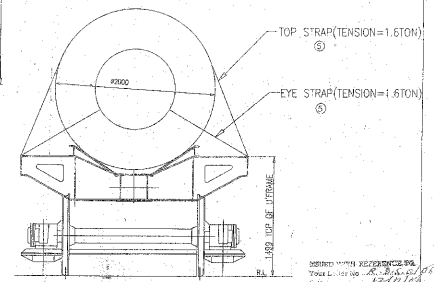


(END WALL & SIDE STANCHION NOT SHOWN)



SECTION AA

DESIGN WITH REFERENCE TO
 YOU LIST NO. R. 8057-1
 & N. 8057-1
 APPROVED
 FOR FULL SCALE CONSTRUCTION
 D.T.C. NO. 100200 W-24011

DATA (BOGIE)	
HEIGHT OF BOTTOM OF BOGIE FRAME FROM R.L. AT CENTRE	185
DISTANCE FROM R.L. TO TOP OF PIVOT	932
DISTANCE FROM R.L. TO TOP OF BOGIE SIDE BEARER	921
HEIGHT OF SPRINGS	254

DATA (WAGON)	
HEIGHT OF CDCI FROM R.L.	1109
DISTANCE BETWEEN WHEEL FLANGES AND FLOOR	220.5
DISTANCE BETWEEN TOP & BOTTOM SIDE BEARERS	711.1
TOP OF THE SOLC BAR	1499

SUMMARY OF WEIGHT (ESTIMATED)		TONNES
UNDER FRAME COMPLETE WITH BODY ENDS, SIDE STANCHIONS, CHOLE AND FLOOR PLATE	TWO CENTRAL BOLT COUPLER COMPLETE (NUT - TENSION WITH YORE & TWO DRIFT GEARS)	13.895
BRAKE COMPLETE (NUT - TENSION WITH YORE & TWO DRIFT GEARS)	UT FRAME AND AIR BRAKE EQUIPMENT INCLUDING TYPING ETC.	1.372
BOGIE COMPLETE (NUT - TENSION WITH YORE & TWO DRIFT GEARS)	SPRINGS WHEELS & AXLS, BOLTS, ADAPTER & CENTRE PIVOTS ASSEMBLY	0.758
BOGIE COMPLETE (NUT - TENSION WITH YORE & TWO DRIFT GEARS)	BEAR COMPLETE	3.472
FOUR PAIR OF WHEELS & AXLES + BEARING	ADAPTER	0.500
BOLSTER SPRINGS AND SHOCKER SPRING	TWO TOP CENTRAL PIVOTS	0.092
ESTIMATED TAX	CARRYING CAPACITY	0.368
GROSS WEIGHT PER METER RUN OVER COUPLING FACES	RAIO OF CAP	0.224
NEAR CAPACITY TO TAKE	GROSS WEIGHT AS PER AXLE LOAD (20.32X4)	26.71
		54.57
		5.55
		2.043
		81.28

LOADING PATTERNS OF BFNS WAGON							
S.No.	LOADING CONDITION	MAX. LOAD IN POCKET (Tonnes)					MAX PAY LOAD (Tonnes)
		1st	2nd	3rd	4th	5th	
1.	SINGLE POCKET			20			20
2.	DOUBLE POCKET	28			28		54.57
3.	THREE POCKET	24		18	24		54.57
4.	FOUR POCKET	22	20		20	22	54.57
5.	FIVE POCKET	19	19	11	19	19	54.57

NOTE: - THE LOADING SHOULD BE SUCH THAT HIGHER LOADS ARE PLACED IN THE END POCKET AS FAR AS POSSIBLE.

SUPERSEDED BY		DATE		R.D.S.O. GROUP	
①	WD-98057	CDL STRAPING SHOWN	12/05	WD-98057-S-02	
②	WD-98057	LOCATION OF SIDE BKT. CHANGED	2/76	WD-98057-S-02	
③	WD-98057	LOADING SHOWN RELETED TO SPEC STANCHION ASSEMBLY	10/54	WD-98057-S-02	
④	WD-98057	SIGNATURE OF WEIGHT ENTRIES & LOADING PATTERNS ADJ	7/74	WD-98057-S-02	
⑤	WD-98057	DRAWING REVISION	10/03	WD-98057-S-02	
ALT. ITEM	AUTHY.	DESCRIPTION	DATE	ASSY. DRS.	

DIAGRAM