

RESEARCH DESIGN AND STANDARDS ORGANISATION
WAGON DIRECTORATE

Title: Master List of Drawings Wagon –Wise (Updated upto 30.06.2025)

S. No	Date of Amendment	Page No	Version	Reasons For Amendment
1.	15.07.2020	Nil	22	23 rd Issue
2	15.01.2021	Nil	23	24 th Issue
3.	15.07.2021	Nil	24	25 th Issue
4.	15.01.2022	Nil	25	26 th Issue
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8.	12.01.2024	Nil	29	30 th Issue
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10	14.01.2025	Nil	31	32 nd Issue
11	12.07.2025	Nil	32	33 rd Issue

Approved By	Director/Wagon
Signature	

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BOGIE OPEN WAGON (B.G.)

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Bogie Open Wagons
List Of Construction Drawing -BOXNHA

S. No.	Drawing No.	Description	Latest No.	Alt.	Drg. Size
1	WD-98015-S-01	Index For BOXN HA	02		A-1
2	WD-98015-S-02	Diagram	07		A1
3	WD-98015-S-03	General Arrangement	04		A-1
4	WD-98015-S-04	Under Frame Arrangement	03		A-1
5	WD-98015-S-05	Body Side Arrangement	02		A-1
6	WD-98015-S-06	Body End Arrangement	01		A-1
7	WD-98015-S-07	Brake Diagram	01		A-1
8	WD-98015-S-08	Under Frame Brake Gear Arrangement	Nil		A-1
9	WD-98015-S-09	Fitment Of Graduated Release Air Brake Equipment & Pipe Layout (Sheet 1 of 2)	02		A-1
9A	WD-98015-S-09	Fitment Of Graduate Release Air Brake Equipment And Pipe Layout (Sh. 2 of 2)	03		A-1
9B	WD-98015-S-09A	Fitment Of Graduated Release Air Brake Equipment And Pipe Layout Details	03		A-1
10	WD-98015-S-10	Uncoupling Gear Arrangement	01		A1
11	WD-98015-S-11	Centre Pivot & Side Bearer Arrangement	04		A1
12	WD-98015-S-12	Under Frame Details (Sheet- I)	04		A1
13	WD-98015-S-13	Under Frame Details (Sheet- II)	01		A1
14	WD-98015-S-14	Under Frame Details (Sheet- III)	02		A1
15	WD-98015-S-15	Body Side Stanchion	01		A1
16	WD-98015-S-16	Attachment Of End To Headstock	Nil		A1
17	WD-98015-S-17	Under Frame Brake Gear Details	01		A3
18	WD-98015-S-18	Details Of Pipes For Fitment Of Graduated Release Air Brake Equipment	02		A1
19	WD-98015-S-19	Details For Fitment Of Graduated Release Air Brake Equipment	02		A-1
20	WD-98015-S-20	Marking Diagram	04		A-1
21	WD-90007-S-01	Flap Door Arrangement.	21		A-1
22	WD-81010-S-03	Arrangement Of High Tensile Centre Buffer Coupler	13		A1
23	WD-98033-S-01	Pivot-Filler Support On Under Frame	03		A1

LIST OF CONSTRUCTION DRAWING OF- BOXNLW

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. size
1	WD-88088-S-01	Index	04	A1
2	WD-88088-S-02	Diagram	12	A1
3	WD-88088-S-03	General Arrangement	10	A1
4	WD-88088-S-04	Under Frame Arrangement	11	A1
5	WD-88088-S-05	Body Side Arrangement	09	A1
6	WD-88088-S-06	Body End Arrangement	08	A1
7	WD-88088-S-07	Flap Door Arrangement	16	A1
8	WD-01085-S-01	Centre Pivot Arrangement	04	A1
9	WD-88088-S-09	Brake Diagram	05	A1
10	WD-88088-S-10	Under Frame Brake Gear Arrangement	08	A1
11	WD-88088-S-11	Details Of Pipes For Fitment Of Graduated Release Air Brake Equipment.	04	A1
12	WD-88088-S-12	Fitment Of Graduated Release Air Brake Equipment & Pipe Layout	04	A0
13	WD-88088-S-13	Uncoupling Gear Arrangement	08	A1
14	WD-88088-S-14	Under Frame Details (Sheet- I)	14	A1
15	WD-88088-S-15	Under Frame Details (Sheet- II)	10	A1
16	WD-88088-S-16	Under Frame Details (Sheet- III)	07	A1
17	WD-88088-S-17	Body Side Stanchion	09	A1
18	WD-88088-S-18	Attachment Of End To Headstock	07	A1
19	WD-88088-S-19	Under Frame Brake Gear Details	08	A1
20	WD-88088-S-20	Details For Fitment Of Graduated Release Air Brake Equipment	03	A1
21	WD-88088-S-21	Marking Diagram	11	A1
22	WD-88088-S-22	Arrangement Of High Tensile Centre Buffer Coupler (Non- Transition)	04	A1

LIST OF CONSTRUCTION DRAWING OF BOXNLWM1

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. size
1	WD-88088-S-01	Index	04	A1
2	WD-08054-S-01	Diagram	07	A1
3	WD-88088-S-03	General Arrangement	10	A1
4	WD-88088-S-04	Under Frame Arrangement	11	A1
5	WD-88088-S-05	Body Side Arrangement	09	A1
6	WD-88088-S-06	Body End Arrangement	08	A1
7	WD-88088-S-07	Flap Door Arrangement	16	A1
8	WD-01085-S-01	Centre Pivot Arrangement	04	A1
9	WD-88088-S-09	Brake Diagram	05	A1
10	WD-88088-S-10	Under Frame Brake Gear Arrangement	08	A1
11	WD-88088-S-11	Details Of Pipes For Fitment Of Graduated Release Air Brake Equipment.	04	A1
12	WD-88088-S-12	Fitment Of Graduated Release Air Brake Equipment & Pipe Layout	04	A0
13	WD-88088-S-13	Uncoupling Gear Arrangement	08	A1
14	WD-88088-S-14	Under Frame Details (Sheet- I)	14	A1
15	WD-88088-S-15	Under Frame Details (Sheet- II)	10	A1
16	WD-88088-S-16	Under Frame Details (Sheet- III)	07	A1
17	WD-88088-S-17	Body Side Stanchion	09	A1
18	WD-88088-S-18	Attachment Of End To Headstock	07	A1
19	WD-88088-S-19	Under Frame Brake Gear Details	07	A1
20	WD-88088-S-20	Details For Fitment Of Graduated Release Air Brake Equipment	03	A1
21	WD-08054-S-02	Marking Diagram	04	A1
22	WD-88088-S-22	Arrangement Of High Tensile Centre Buffer Coupler (Non- Transition)	04	A1

LIST OF CONSTRUCTION DRAWING OF BOXNLWM2

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. size
1	WD-88088-S-01	Index	04	A1
2	WD-20015-S-01	Diagram	03	A1
3	WD-88088-S-03	General Arrangement	10	A1
4	WD-88088-S-04	Under Frame Arrangement	11	A1
5	WD-88088-S-05	Body Side Arrangement	09	A1
6	WD-88088-S-06	Body End Arrangement	08	A1
7	WD-88088-S-07	Flap Door Arrangement	16	A1
8	WD-01085-S-01	Centre Pivot Arrangement	04	A1
9	WD-88088-S-09	Brake Arrangement	05	A1
10	WD-88088-S-10	Under Frame Brake Gear Arrangement	08	A1
11	WD-88088-S-11	Details Of Pipes For Fitment Of Graduated Release Air Brake Equipment.	04	A1
12	WD-88088-S-12	Fitment Of Graduated Release Air Brake Equipment & Pipe Layout	04	A0
13	WD-88088-S-13	Uncoupling Gear Arrangement	08	A1
14	WD-88088-S-14	Under Frame Details (Sheet- I)	14	A1
15	WD-88088-S-15	Under Frame Details (Sheet- II)	10	A1
16	WD-88088-S-16	Under Frame Details (Sheet- III)	07	A1
17	WD-88088-S-17	Body Side Stanchion	09	A1
18	WD-88088-S-18	Attachment Of End To Headstock	07	A1
19	WD-88088-S-19	Under Frame Brake Gear Details	07	A1
20	WD-88088-S-20	Details For Fitment Of Graduated Release Air Brake Equipment	03	A1
21	WD-20015-S-02	Marking Diagram	03	A1
22	WD-88088-S-22	Arrangement Of High Tensile Centre Buffer Coupler (Non- Transition)	04	A1

LIST OF CONSTRUCTION DRAWINGS BOXNCR

S. No.	Drawing No.	Description	Latest Alt. no.	drg. size
1.	WD-96011-S-01	Index	02	A1
2.	WD-80007-S-02	Diagram	30	A1
3.	WD-80007-S-03	General Arrangement	25	A1
4.	WD-96011-S-02	Under frame Arrangement	02	A1
5.	WD-96011-S-04	Body Side Arrangement	03	A1
6.	WD-96011-S-05	Body End Arrangement	02	A1
7.	WD-80007-S-09	Brake Diagram	17	A1
8.	WD-80007-S-10	Under frame Brake Gear Arrangement	26	A1
9.	WD-80007-S-11	Details Of Pipes For Fitment Of Graduated Release Air Brake Equipment	12	A1
10.	WD-80007-S-12 (Sheet 1 of 2)	Fitment of Graduated Release Air Brake Equipment & Twin Pipe Layout.	04	A1
11.	WD-80007-S-12 (Sheet 2 of 2)	Fitment of Graduated Release Air Brake Equipment & Twin Pipe layout	19	A1
12.	WD-80007-S-12A	Fitment of Graduated Release Air Brake Equipment & Twin Pipe Layout Details	20	A1
13.	WD-00046-S-01	Uncoupling Gear Arrangement	07	A1
14.	WD-96011-S-03	Under frame Details (Sheet- I)	03	A1
15.	WD-80007-S-15	Under frame Details (Sheet- II)	22	A1
16.	WD-80007-S-16	Under frame Details (Sheet- III)	13	A-1
17.	WD-96011-S-07	Body Side Stanchion	02	A-3
18.	WD-80007-S-18	Attachment of End to Head Stock	10	A1
19.	WD-80007-S-19	Under frame Brake Gear Details	18	A1
20.	WD-80007-S-20	Details For Fitment Of Graduated Release Air Brake Equipment	17	A1
21.	WD-96011-S-08	Marking Diagram	08	A1
22.	WD-96011-S-06	Flap Door Arrangement	02	A1
23.	WD-81010-S-03	Arrangement High Tensile Centre Buffer Coupler	13	A1
24.	WD-85079-S-01	Centre Pivot & Side Bearer Arrangement (When Fitted With CASNUB 22 W(M), 22 NL, 22 NLB, 22 NLM Bogies)	16	A-1

LIST OF CONSTRUCTION DRAWINGS BOXNCRM1

S. No.	Drawing No.	Description	Latest Alt. No.	drg. size
1.	WD-96011-S-01	Index	02	A1
2	WD-08056-S-01	Diagram	02	A1
3	WD-80007-S-03	General Arrangement	25	A1
4	WD-96011-S-02	Under frame Arrangement	02	A1
5	WD-96011-S-04	Body Side Arrangement	03	A1
6	WD-96011-S-05	Body End Arrangement	02	A1
7	WD-80007-S-09	Brake Diagram	17	A1
8	WD-80007-S-10	Under frame Brake Gear Arrangement	26	A1
9	WD-80007-S-11	Details Of Pipes For Fitment Of Graduated Release Air Brake Equipment	12	A1
10	WD-80007-S-12 (Sheet 1 of 2)	Fitment of Graduated Release Air Brake Equipment & Twin Pipe Layout.	04	A1
11	WD-80007-S-12 (Sheet 2 of 2)	Fitment of Graduated Release Air Brake Equipment & Twin Pipe layout	19	A1
12	WD-80007-S-12A	Fitment of Graduated Release Air Brake Equipment & Twin Pipe Layout Details	20	A1
13	WD-00046-S-01	Uncoupling Gear Arrangement	07	A1
14	WD-96011-S-03	Under frame Details (Sheet- I)	03	A1
15	WD-80007-S-15	Under frame Details (Sheet- II)	22	A1
16	WD-80007-S-16	Under frame Details (Sheet- III)	13	A1
17	WD-96011-S-07	Body Side Stanchion	02	A1
18	WD-80007-S-18	Attachment of End to Head Stock	10	A1
19	WD-80007-S-19	Under frame Brake Gear Details	18	A1
20	WD-80007-S-20	Details For Fitment Of Graduated Release Air Brake Equipment	17	A1
21	WD-96011-S-08	Marking Diagram	08	A1
22	WD-96011-S-06	Flap Door Arrangement	02	A1
23	WD-81010-S-03	Arrangement High Tensile Centre Buffer Coupler	13	A1
24	WD-85079-S-01	Centre Pivot & Side Bearer Arrangement (When Fitted With CASNUB 22 W(M), 22 NL, 22 NLB, 22 NLM Bogies)	16	A1

LIST OF CONSTRUCTION DRAWING BOXN

S. No.	Drawing No.	Description	Latest Alt. No.	drg. size
1	WD-80007-S-01	Index	13	A1
2	WD-80007-S-02	Diagram	30	A1
3	WD-80007-S-03	General Arrangement.	25	A1
4	WD-80007-S-04	Under frame Arrangement	21	A1
5	WD-80007-S-05	Body Side Arrangement.	31	A1
6	WD-80007-S-06	Body End Arrangement.	20	A1
7	WD-80007-S-09	Brake Diagram.	17	A1
8	WD-80007-S-10	Under frame Brake Gear Arrangement.	26	A1
9	WD-80007-S-11	Details of Pipes for Fitment of Graduated Release Air Brake Equipment.	12	A1
10	WD-80007-S-12 (Sheet 1 of 2)	Fitment of Graduated Release Air Brake Equipment & Twin Pipe Layout.	04	A1
11	WD-80007-S-12 (Sheet 2 of 2)	Fitment of Graduated Release Air Pipe Equipment & Twin Pipe Layout	19	A1
12	WD-80007-S-12A	Fitment of Graduated Release Air Brake Equipment	20	A1
13	WD-00046-S-01	Uncoupling Gear Arrangement	07	A1
14	WD-80007-S-14	Under frame Details (Sheet- I)	26	A1
15	WD-80007-S-15	Under frame Details (Sheet- II)	22	A1
16	WD-80007-S-16	Under frame Details (Sheet- III)	13	A1
17	WD-80007-S-17	Body Side Stanchion.	19	A1
18	WD-80007-S-18	Attachment of End to Headstock.	10	A1
19	WD-80007-S-19	Under frame Brake Gear Details	18	A3
20	WD-80007-S-20	Details for Fitment of Graduated Release Air Brake Equipment.	17	A1
21	WD-80007-S-21	Marking Diagram.	31	A1
22	WD-90007-S-01	Flap Door Arrangement.	21	A1
23	WD-81010-S-03	Arrangement of High Tensile Centre Buffer Coupler	13	A1
24	WD-85079-S-01	Centre Pivot & Side Bearer Arrangement (When Fitted with CASNUB 22 W(M), 22NL, 22NLB, 22NLM, 22NLC Bogies) .	16	A1
25	WD-98033-S-01	Pivot Filler Support On Underframe	03	A1
26	WD-90096-S-01	Index of Bogie (CASNUB 22 NLB)	04	A1

LIST OF CONSTRUCTION DRAWING BOXNHS

S. No.	Drawing No.	Description	Latest Alt. No.	drg. size
1	WD-80007-S-01	Index	13	A1
2	WD-80007-S-02	Diagram	30	A1
3	WD-80007-S-03	General Arrangement.	25	A1
4	WD-80007-S-04	Under frame Arrangement	21	A1
5	WD-80007-S-05	Body Side Arrangement.	31	A1
6	WD-80007-S-06	Body End Arrangement.	20	A1
7	WD-80007-S-09	Brake Diagram.	17	A1
8	WD-80007-S-10	Under frame Brake Gear Arrangement.	26	A1
9	WD-80007-S-11	Details of Pipes for Fitment of Graduated Release Air Brake Equipment.	12	A1
10	WD-80007-S-12 (Sheet 1 of 2)	Fitment of Graduated Release Air Brake Equipment & Twin Pipe Layout.	04	A1
11	WD-80007-S-12 (Sheet 2 of 2)	Fitment of Graduated Release Air Pipe Equipment & Twin Pipe Layout	19	A1
12	WD-80007-S-12A	Fitment of Graduated Release Air Brake Equipment & Twin Pipe Layout Details.	20	A1
13	WD-00046-S-01	Uncoupling Gear Arrangement	07	A1
14	WD-80007-S-14	Under frame Details (Sheet- I)	26	A1
15	WD-80007-S-15	Under frame Details (Sheet- II)	22	A1
16	WD-80007-S-16	Under frame Details (Sheet- III)	13	A1
17	WD-80007-S-17	Body Side Stanchion.	19	A1
18	WD-80007-S-18	Attachment of End to Headstock.	10	A1
19	WD-80007-S-19	Under frame Brake Gear Details	18	A3
20	WD-80007-S-20	Details of Fitment of Graduated Release Air Brake Equipment.	17	A1
21	WD-80007-S-21	Marking Diagram.	31	A1
22	WD-90007-S-01	Flap Door Arrangement.	21	A1
23	WD-81010-S-03	Arrangement of High Tensile Centre Buffer Coupler.	13	A1
24	WD-04038-S-03	Centre Pivot & Side Bearer Arrangement(When Fitted With CASNUB HS Bogies) (Spherical Pivot)	06	A1
25	WD-04078-S-02	Centre Pivot & Side Bearer Arrangement (When Fitted with CASNUB HS Bogies) (Flat Pivot)	06	A1
26	WD-98033-S-01	Pivot-Filler Support On Under Frame	03	A1
27	WD-92058-S-01	Index Of Bogie (CASNUB 22 HS)	04	A1

LIST OF CONSTRUCTION DRAWINGS BOXN (M)

S. No.	Drawing No.	Description	Latest Alt. No.	drg. Size
1	WD-87087-S-01	Index.	01	A1
2	WD-87087-S-02	Diagram.	Nil.	A1
3	WD-80007-S-03	General Arrangement (For Guidance Only)	25	A1
4	WD-87087-S-03	Under Frame Arrangement.	Nil.	A1
5	WD-87087-S-04	Body Side Arrangement.	Nil.	A1
6	WD-87087-S-05	Body End Arrangement.	Nil.	A1
7	WD-87087-S-06	Flap Door Arrangement.	Nil.	A1
8	WD-80007-S-09	Brake Diagram.	17	A1
9	WD-80007-S-10	Under Frame Brake Gear Arrangement.	26	A1
10	WD-80007-S-11	Details Of Pipes For Fitment Of Graduated Release Air Brake Equipment.	12	A1
11	WD-80007-S-12 (Sh-1)	Fitment Of Graduated Release Air Brake Equipment & Twin Pipe Layout.	04	A1
12	WD-80007-S-12 (Sh-2)	Fitment Of Graduated Release Air Brake Equipment & Twin Pipe Layout.	19	
13	WD-80007-S-12A	Fitment Of Graduated Release Air Brake Equipment & Twin Pipe Layout Details.	20	A1
14	WD-87087-S-07	Under Frame Details (Sheet- I)	Nil.	A1
15	WD-87087-S-08	Under Frame Details (Sheet- II).	Nil.	A1
16	WD-87087-S-09	Under Frame Details (Sheet- III)	Nil.	A1
17	WD-87087-S-10	Body Side Stanchion.	Nil.	A1
18	WD-87087-S-11	Attachment Of End To Headstock.	Nil.	A1
19	WD-80007-S-19	Under Frame Brake Gear Details.	18	A3
20	WD-80007-S-20	Details For Fitment Of Graduated Release Air Brake Equipment.	17	A1
21	WD-80007-S-21	Marking Diagram.	31	A1
22	WD-85079-S-01	Centre Pivot & Side Bearer Arrangement (When Fitted with CASNUB-22W (M) Bogie)	16	A1
23	WD-81010-S-03	Arrangement of High Tensile Centre Buffer Coupler (Non Transition)	13	A1
24	WD-00046-S-01	Uncoupling Gear Arrangement	07	A1

LIST OF CONSTRUCTION DRAWINGS BOYN

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1	WD-92076-S-01	Index For BOYN	01	A1
2	WD-92076-S-02	Diagram	01	A1
3	WD-92076-S-03	General Arrangement.	Nil.	A1
4	WD-92076-S-04	Under Frame Arrangement	01	A1
5	WD-92076-S-05	Under Frame Details (Sheet- I)	01	A1
6	WD-92076-S-06	Under Frame Details (Sheet- II)	01	A1
7	WD-92076-S-07	Centre Pivot & Side Bearer Arrangement.	01	A1
8	WD-92076-S-08	Brake Diagram.	Nil.	A1
9	WD-92076-S-09	Under Frame Brake Gear Arrangement.	01	A1
10	WD-92076-S-10	Under Frame Brake Gear Details.	01	A1
11	WD-92076-S-11	Fitment Of Air Brake Equipment & Pipe Layout.	02	A1
12	WD-92076-S-12	Details Of Pipe For Fitment Of Air Brake Equipment.	Nil.	A1
13	WD-92076-S-13	Details Of Fitment Of Air Brake Equipment	02	A1
14	WD-92076-S-14	Anti- Pilferage Device For Distributor Valves Of Different Makes	01	A1
15	WD-92076-S-15	Uncoupling Gear Arrangement.	01	A1
16	WD-92076-S-16	Body Side Arrangement & Details.	01	A1
17	WD-92076-S-17	Body End Arrangement & Details.	01	A1
18	WD-92076-S-18	Marking Diagram.	Nil.	A1
19	WD-85079-S-02	Centre Pivot Assembly Details.	28	A1

LIST OF CONSTRUCTION DRAWING -BOY

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1	WD-81074-S-01	Index	04	A1
2	WD-81074-S-02	Fitment Of Graduated Release Air Brake Equipment & Twin Pipe Layout & Details.	04	A0
3	WD-81074-S-03	Details Of Pipe For Fitment Of Graduated Release Air Brake Equipment.	04	A1
4	WD-00046-S-01	Uncoupling Gear Arrangement.	07	A1
5	WD-81074-S-07	Fitment Of Centre Pivot & Side Bearer On Under Frame.	05	A1
6	SK.69616	Body General Arrangement.	06	A1
7	SK.69617	Body Details.	09	A1
8	SK.69619	Under Frame Details (Sheet- I).	08	A1
9	SK.69621	Floor Plate Arrangement & Details.	05	A1
10	SK.73511	Diagram.	05	A1
11	SK.73512	General Arrangement.	04	A1
12	SK.73513	Under Frame General Arrangement.	03	A0
13	SK.73514	Under Frame Details (Sheet- II).	04	A1
14	SK.73515	Under Frame Brake Gear Arrangement.	07	A1
15	SK.73516	Under Frame Brake Gear Details.	06	A0
16	SK.73517	Brake Diagram.	04	A1
17	WD-90019-S-01	Marking Diagram.	07	A1
18	WD-89073-S-02	CASNUB- 22 NLB, Bogie General Arrangement	11	A1
19	WD-93031-S-01	Boy Side Stanchion	02	A3
20	WD-93031-S-02	Strengthening Of Side & End Walls With Underframe	02	A3
21	WD-93031-S-03	Strengthening Of Body End Arrangement	02	A3
22	WD-98033-S-01	Pivot-Filler Support On Under Frame	03	A1
23	WD-81010-S-03	Arrangement Of High Tensile Centre Buffer Coupler.	13	A1

LIST OF CONSTRUCTION DRAWING 'BOX. Mk I'

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1	SK.100-62600	Index (Bogie Open Wagon Type BOX .Mk. I)	10	A1
2	SK.No.4000/01	Index (BOX Type Bogie).	01	A1
3	SK.101-69528	Diagram (Transition CBC)	02	A1
4	SK.122-69529	General Arrangement (Transition CBC)	04	A1
5	Drg.No.4000/02	Bogie General Arrangement.	03	A1
6	Drg.No.4000/03	10 Plate Spring suspension Arrangement.	05	A1
7	Drg.No.4000/04	Bogie Frame Arrangement.	01	A1
8	Drg.No.4000/05	Arrangement of Centre Pivot.	01	A1
9	Drg.No.4000/06	Bogie Brake Gear Arrangement.	Nil.	A1
10	Drg.No.4000/07	Bogie Side Frame & Details.	03	A1
11	Drg.No.4000/08	Details of Welded Bogie Frame (Sheet- I)	01	A1
12	Drg.No.4000/09	Details of welded Bogie Frame (Sheet- II)	NIL.	A1
13	Drg.No.4000/10	Centre Spring Hanger Bracket & Details.	NIL.	A1
14	Drg.No.4000/11	Bogie Trimmer Arrangement (Inner)	NIL.	A1
15	Drg.No.4000/12	Bogie Trimmer Arrangement (Outer).	NIL	A1
16	Drg.No.4000/13	Trimmer Details.	NIL.	A1
17	Drg.No.4000/14	Headstock, Diagonal & Safety Loop Bracket Details.	01	A1
18	Drg.No.4000/15	Headstock Spring Hanger Bracket.	02	A1
19	Drg.No.4000/16	Headstock Spring Hanger Bracket Details.	02	A1
20	Drg.No.4000/17	Transom & Details.	01	A1
21	Drg.No.4000/18	Procedure & Method for Checking Bogie.	01	A1
22	Drg.No.4000/19	Location of brake Gear Pins & Bushes.	05	A1
23	Drg.No.4000/20	Bogie Brake Diagram.	NIL.	A1
24	Drg.No.4000/21	Legend Markings & Standards Plate Location.	05	A2
25	SK.120-62644	*Arrangement of Under frame (Trans. End)	04	A1
26	SK.102-62645	“Arrangement of U/frame Bolster Riveted	02	A1
27	SK.121-62648	“Under frame Details (Sheet- I)	04	A1
28	SK.121-62649	Under frame Details (Sheet- II).	05	A1
29	SK.121-62650	Method of Fixing Stringers to Cross Bars	02	A1
30	SK.121-62651	Centre Sill Section.	02	A4
31	SK.122-62655	Back Stop (To be read with SK.72541)	Nil.	A2
32	SK.130-69524	Body Side & Under frame Arrangement.(Tran- section CBC) Sheet-1 to be read with SK.71539.	02	A1
33	SK.131-69527	Arrangement of Floor Plates (Tans- CBC)	02	A1
34	SK.132-62665	Body Side Stanchion.	05	A1

Contd..

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
35	SK.130-69525#	Body Side U/F Arrangement (Tran- CBC) Sh-2	06	A1
36	SK.132-62666	Dummy Quarter.	02	A2
37	SK.133-65540#	Attachment of Transition End to Headstock (Transition CBC) To be read with SK.71539.	05	A1
38	SK.135-62673	Flap Door Arrangement.	05	A2
39	SK.140-62676	Arrangement of Under frame Brake Gear.	11	A1
40	SK.140-62679	Side Operated Hand Brake.	08	A1
41	SK.140-64510	Arrangement & Details of Release Spring for Brake Gear.	05	A1
42	SK.141-62684	Brake Diagram.	01	A1
43	SK.141-62686	Arrangement of Brake Piping(Sheet- I & II)	5 & 6	A1
44	SK.150-67524	Arrangement of Single Piece Uncoupling Gear for Non-transition & transition CBC.	02	A1
45	SK.160-62715	Marking Diagram (in English)	20	A1
46	SK.62859	Foot Step for Side Operated Hand Brake Wheel.	04	A2
47	SK.63718	Identification Marking on Wagon with Transition CBC & Screw Coupling.	NIL.	A1
48	SK.63720	PRO/PR Stencil.	01	A3
49	SK.66511	Railway Initials in Hindi.	01	A1
50	SK.70509	Modification to provide lifting Pads on BOX & BCX Wagon Sole Bars.	01	A3
51	SK. 71539	Modification to Headstock, diagonal & Knee Joint.	05	A1
52	SK.71540	Cast Steel Headstock Knee.	02	A1
53	SK.71541	Modification to the Centre Sill Stiffeners at Under frame Bolsters.	NIL.	A2
54	SK.73531#	Modification End, Side (Narrow) Panels and Floor Angles at attachments.	04	A1
55	SK.74593	Guide Bush (High density Polythene).	03	A3
56	SK.76585	Marking Diagram (Hindi)	05	A1
57	SK.76587	Legend Markings in Hindi & Standards Plate Location.	01	A1

#To be read with SK.130-69524,SK.150-69525 & SK.133-65540.

LIST OF CONSTRUCTION DRAWINGS BOXC- Mk .I

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1	SK.74520	Index(Bogie Open Wagon Type BOXC Mk .I)	01	A1
2	Drg.No.4000/01	Index BOX Type Bogie.	01	A1
3	SK.101-62601	Diagram.	04	A1
4	SK.102-62603	General Arrangement.	10	A1
5	Drg.4000/2 to 21	BOX Type Bogie.	05	A1
6	SK.120-62645	Arrgtt. of U/F Bolster Riveted*	02	A1
7	SK.121-62648	Under frame Details (Sheet- I)*	04	A1
8	SK.121-62649	Under frame Details (Sheet- II)	05	A1
9	SK.121-62650	Method of Fixing Stringers to Cross Bars.	02	A1
10	SK.121-62651	Centre Sill Section.	02	A4
11	SK.122-62655	Back Stop*	NIL.	A2
12	SK.130-62659	Body Side & Under/F Arrgt. (Non- transition CBC) Sheet- I	04	A1
13	SK.131-63662	Arrangement of Floor Plates.	02	A1
14	SK.132-62665	Body Side Stanchions.	05	A1
15	SK.130-62659	Body Side & Under frame Arrangement (Non- transition CBC) Sheet- II	10	A1
16	SK.132-62666	Dummy Quarter.*	02	A2
17	SK.133-67519	Attachment of End to Headstock (Non- transition CBC).	01	A1
18	SK.135-62673	Flap Door Arrangement.	04	A1
19	SK.140-62676	Arrangement of U/Frame Brake Gear.	11	A1
20	SK.140-62679	Side Operated Hand Brake.	08	A1
21	SK.140-64510	Arrangement & Details of Release Spring for Brake Gear.	05	A1
22	SK.141-62684	Brake Diagram.	01	A1
23	SK.142-62686	Arrangement of Brake Piping (Sheet-1 & 2)	5&6	A1
24	SK.150-67524	Arrangement of Single Piece Uncoupling Gear for Non- trans. & Transition CBC.	02	A2
25	SK.160-62715	Marking Diagram (in English).	20	A1
26	SK.62859	Foot Step for Side Operated Hand Brake Wheel.	04	A2
27	SK.63720	PRO/PR Stencil.	01	A3
28	SK.66511	Railway Initials in Hindi.	01	A1
29	SK.70509	Modification to provide lifting pads on BOX & BCX Wagon Sole Bars.	01	A3

30	SK.71541	Modification to the Centre Sill Stiffeners at Under frame Bolsters.	Nil	A2
31	SK.74519*	Modified End Side Barrow Panel & Floor Angles Attachment.	01	A1
32	SK.74593	Guide Bush (High Density Polythene)	03	A3
33	SK.76585	Marking Diagram (in Hindi)	05	A1
34	SK.76587	Legend Markings in Hindi & Standards Plate Location.	01	A1
35	SK.78507	Arrangement of Anchoring Hooks.	Nil	A2
*To be read with SK.130-62659 Sheet- I				
& Sheet-2 & SK.133-67519.				

to be read with SK-130-62659 sheet I & sheet II & SK-133-67519.

LIST OF CONSTRUCTION DRAWING 'BOI'

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1	SK.CS-BKO.70540	Index (BOI Wagon for Bokaro Steel Plant)	01	A1
2	SK.401-61201	Diagram 80 Ton Gondola Wagon Type 'BOI'	01	A1
3	SK.402-61202	General Arrgtt. 80 ton Gondola type 'BOI'	03	A1
4	SK.421-61212	U/Frame Details(to be read with SK.71541)	03	A1
5	SK.430-61203	Body Side & Underframe Arrangement	02	A1
6	SK.430-61204	Body End Arrangement.	03	A1
7	SK.431-61205	Arrangement of Floor Plates.	01	A1
8	SK.432-61206	Body Side Stanchions.	03	A1
9	SK.440-61207	Side Operated Hand Brake.	07	A1
10	SK.440-61208	Arrangement of Underframe Brake Gear	09	A0
11	SK.440-62168	Arrangement of Brake Piping (50 Bore)	04	A1
12	SK.440-65545	Arrangement & Details of Release Spring for Brake Gear.	02	A1
13	SK.441-61210	Brake Diagram	02	A2
14	SK.449-61213	Details of Ladder & Brake Gear.	01	A1
15	SK.460-61211	Marking Diagram (for Guidance only)	08	A1
16	SK.121-62650 #	Method Fixing Stringers to Cross Bars.	02	A1
17	SK.121-62651	Centre Sill Section.	02	A4
18	SK.122-62655	Back Stop (to be read with SK.71541)	Nil.	A2
19	SK.140-62676	Arrangement of U/Frame Brake Gear (for guidance only/to read with SK.440-61208)	11	A1
20	SK.121-62649#	Under frame Details (Sheet-2) (for guidance only)	05	A1
21	SK.140-64510	Arrgtt. & Details of Release Spring for Brake Gear (to be	05	A2
22	SK.CS-BKO-70542	Attachment of End to Headstock (80 ton Gandola Type 'BOI'	Nil.	A1
23	SK.62720	Arrangement of AAR type 'E' Coupler & AAR type draft gear yoke.	11	A1
24	SK.62722	Arrangement and details of striker casting for AAR type 'F' coupler with modified type 'F' Shank.	03	A1
25	SK.62727	Arrangement of draft gear type MF-400-I-IR.	06	A1
26	SK.62759	Foot step for side operated hand brake wheel.	03	A1
27	SK.63720	PRO/PR stencil.	01	A3
28	SK.71541	Modification to centre sill stiffeners at underframe bolsters	Nil.	A2
29	SK.421-61212	Under frame details.	03	A1
30	SK.62721	Arrangement type E Coupler Modified type F Shank parts	-	-
31	SK-72513	Anti pilferage Device for brake Gear components of BOX Wagon.	-	-

LIST OF CONSTRUCTION DRAWING 'BOM'

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1	WD-99052-S-01	Index of BOM (Fitted with Air Brake)	Nil	A1
2	WD-82060-S-51	Diagram	05	A1
3	WD-99052-S-02	General Arrangement	01	A1
4	WD-82060-S-53	Under frame Arrangement	03	A1
5	WD-82060-S-54	Under frame details (sheet-I)	04	A1
6	WD-82060-S-55	Under frame details (sheet-II)	02	A1
7	WD-82060-S-56	Centre Pivot and side bearer arrangement.	NIL	A1
8	WD-82060-S-57	Floor plate arrangement	04	A1
9	WD-82060-S-58	End door arrangement	04	A1
10	WD-99052-S-03	Under frame brake gear arrangement	01	A1
11	WD-99052-S-04	Under frame brake gear details	01	A1
12	WD-99052-S-05	Brake diagram	Nil	A1
13	WD-82060-S-63	Uncoupling gear arrangement	02	A1
14	WD-82060-S-64	Bearing spring stop arrangement	01	A1
15	WD-99052-S-06	Marking diagram	Nil	A1
16	WD-82060-S-66	Strong BOX for spring stocks	Nil	A1
17	WD-82060-S-67	Location of strain gauges	Nil	A1
18	WD-82060-S-68	Lashing arrangement	03	A1
19	WD-82054-S-12	Arrangement of side stanchion lashing chain and scotch block assembly	NIL	A1
20	WD-82054-S-14	Details of secondary lashing chain	07	A1
21	WD-82054-S-17	Details of lashing chain coupler	02	A1
22	WD-99052-S-07	Fitment of air brake equipment's & pipes lay out.	05	A1
23	WD-99052-S-08	Details of pipes for fitment of air brake equipment's	05	A1
24	WD-99052-S-09	Details of fitment of air brake equipment's	02	A1
25	WD-99052-S-10	Anti- pilferage device for distributor valve	Nil	A1

LIST OF CONSTRUCTION DRAWINGS OF 'BOST' Design-`A`

Twin Pipe Arrangement (with CASNUB-22HS BOGIE)

S.No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1.	WD-00012-S-00	Index Of BOST	11	A1
2.	WD-00012-S-01	Diagram	12	A1
3.	WD-00012-S-02	General Arrangement	06	A1
4.	WD-00012-S-03	Uncoupling Gear Arragt.	03	A1
5.	WD-00012-S-04	Under Frame Arrgt.	06	A1
6.	WD-00012-S-05	Under Frame Details Sheet-1	04	A1
7.	WD-00012-S-06	Under Frame Details Sheet-II	03	A1
8.	WD-00012-S-07	Under Frame Details Sheet-III	05	A1
9.	WD-00012-S-08	Body Side Arrangement	07	A1
10.	WD-00012-S-09	Body Side Stanchion	07	A1
11.	WD-00012-S-10	Body End Arrgt.	06	A1
12.	WD-00012-S-11	End Attachment To Head. Stock	05	A1
13.	WD-00012-S-12	Brake Gear Arrangement	06	A1
14.	WD-00012-S-13	Brake Gear Details	03	A3
15.	WD-00012-S-14	Brake Diagram	03	A1
16.	WD-00012-S-15	Fitment Of Air Brake Equipment And Pipe Layout.	04	A1
17.	WD-00012-S-16	Details Of Pipes For Fitment Of Air Brake Equipment.	05	A1
18.	WD-00012-S-17	Details Of Fitment Of Air Brake Equipment.	04	A1
19.	WD-00012-S-20	Centre Pivot And Side Bearer Arrgt.	05	A1
20.	WD-00012-S-21	Marking Diagram	13	A1
21.	WD-81010-S-03	Arrangement Of High Tensile CBC	13	A1
22.	WD-98033-S-01	Centre Pivot Filler Arrangement	03	A1
23.	WD-92058-S-01	INDEX Of Bogie	04	A1
24.	WD-91030-S-01	A.P.D. For Bogie End Pull Rod.	01	A4
25.	WD-90007-S-01	Flap Door Arrangement	21	A1

LIST OF CONSTRUCTION DRAWINGS OF 'BOST' Design-`B`

Twin Pipe Arrangement (with CASNUB-22HS MOD-I/MOD-II BOGIE)

S.No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1.	WD-00012-S-00	Index Of BOST	11	A1
2.	WD-00012-S-01	Diagram	12	A1
3.	WD-00012-S-02	General Arrangement	06	A1
4.	WD-00012-S-03	Uncoupling Gear Arragt.	03	A1
5.	WD-00012-S-04	Under Frame Arrgt.	06	A1
6.	WD-00012-S-05	Under Frame Details Sheet-1	04	A1
7.	WD-00012-S-06	Under Frame Details Sheet-II	03	A1
8.	WD-00012-S-07	Under Frame Details Sheet-III	05	A1
9.	WD-00012-S-08	Body Side Arrangement	07	A1
10.	WD-00012-S-09	Body Side Stanchion	07	A1
11.	WD-00012-S-10	Body End Arrangement.	06	A1
12.	WD-00012-S-11	End Attachment To Head Stock	05	A1
13.	WD-00012-S-12	Brake Gear Arrangement	06	A1
14.	WD-00012-S-13	Brake Gear Details	03	A3
15.	WD-00012-S-14	Brake Diagram	03	A1
16.	WD-00012-S-15	Fitment Of Air Brake Equipment And Pipe Layout.	03	A1
17.	WD-00012-S-16	Details Of Pipes For Fitment Of Air Brake Equipment.	05	A1
18.	WD-00012-S-17	Details For Fitment Of Air Brake Equipment.	04	A1
19.	WD-90007-S-01	Flap Door Arrangement	21	A1
20.	WD-04017-S-08	Centre Pivot And Side Bearer Arrgt.	7	A1
21.	WD-00012-S-21	Marking Diagram	13	A1
22.	WD-81010-S-03	Arrangement Of High Tensile CBC	13	A1
23.	WD-98033-S-01	Centre Pivot Filler Arrangement	03	A1
24.	WD-04017-S-01	INDEX Of Bogie	02	A1
25.	WD-91030-S-01	A.P.D. For Bogie End Pull Rod.	01	A4

LIST OF CONSTRUCTION DRAWINGS OF 'BOSTHSM2' Design-`C`

Twin Pipe Arrangement (with CASNUB-22HS MOD-II BOGIE)

S.No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1.	WD-00012-S-00	Index Of <u>BOSTHSM2</u>	11	A1
2.	WD-08032-S-01	Diagram	06	A1
3.	WD-00012-S-02	General Arrangement	06	A1
4.	WD-00012-S-03	Uncoupling Gear Arragt.	03	A1
5.	WD-00012-S-04	Under Frame Arrgt.	06	A1
6.	WD-00012-S-05	Under Frame Details Sheet-1	04	A1
7.	WD-00012-S-06	Under Frame Details Sheet-II	03	A1
8.	WD-00012-S-07	Under Frame Details Sheet-III	05	A1
9.	WD-00012-S-08	Body Side Arrangement	07	A1
10.	WD-00012-S-09	Body Side Stanchion	07	A1
11.	WD-00012-S-10	Body End Arrgt.	06	A1
12.	WD-00012-S-11	End Attachment To Head. Stock	05	A1
13.	WD-00012-S-12	Brake Gear Arrangement	06	A1
14.	WD-00012-S-13	Brake Gear Details	03	A3
15.	WD-00012-S-14	Brake Diagram	03	A1
16.	WD-00012-S-15	Fitment Of Air Brake Equipment And Pipe Layout.	04	A1
17.	WD-00012-S-16	Details Of Pipes For Fitment Of Air Brake Equipment.	05	A1
18.	WD-00012-S-17	Details For Fitment Of Air Brake Equipment.	04	A1
19.	WD-90007-S-01	Flap Door Arrangement	21	A1
20.	WD-20024-S-04	Centre Pivot And Side Bearer Arrgt.	03	A1
21.	WD-00012-S-21	Marking Diagram	13	A1
22.	WD-81010-S-03	Arrangement Of High Tensile CBC	13	A1
23.	WD-98033-S-01	Centre Pivot Filler Arrangement	03	A1
24.	WD-08026-S-01	INDEX Of Bogie (casnub-MOD-II)	Nil.	A1
25.	WD-91030-S-01	A.P.D. For Bogie End Pull Rod.	01	A4
26.	WD-10069-S-01	Load Test Chart	Nil.	A1

LIST OF CONSTRUCTION DRAWINGS OF 'BOSTHSM3' Design-'D'

Twin Pipe MBS Arrangement (with CASNUB-22HS MOD-II BOGIE)

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1	WD-00012-S-00	INDEX	11	A1
2	WD-20014-S-01	Diagram	01	A1
3	WD-09052-S-52	General Arrangement	06	A1
4	WD-16057-S-01	Uncoupling Gear Arrangement.	02	A1
5	WD-09052-S-53	Under Frame Arrangement.	04	A1
6	WD-09052-S-54	Under Frame Details sheet-I	05	A1
7	WD-16057-S-02	Under Frame Details sheet-II	01	A1
8	WD-09052-S-55	Under Frame Details sheet-III	03	A1
9	WD-00012-S-08	Body Side Arrangement.	07	A1
10	WD-00012-S-09	Body Side Stanchion	07	A1
11	WD-00012-S-10	Body End Arrangement.	06	A1
12	WD-00012-S-11	End Attachment to Headstock	05	A1
13	WD-09052-S-56	Hand Brake Arrangement and Details	04	A1
14	WD-09052-S-57	Brake Diagram	03	A1
15	WD-09052-S-58	Fitment of air brake equipment and pipe Layout (with MBS)	06	A1
16	WD-09052-S-59	Details of pipes for fitment of Graduated Release Air brake equipment.	07	A1
17	WD-09052-S-60	Details for fitment of Air brake equipment.	02	A1
18	WD-90007-S-01	FLAP Door Arrangement.	21	A1
19	WD-20024-S-04	Centre pivot and Side Bearer Arrgt.	03	A1
20	WD-09052-S-61	Marking Diagram.	14	A1
21	WD-81010-S-03	Arrangement of High Tensile CBC.	13	A1
22	WD-98033-S-01	Center Pivot Filler Arrangement.	03	A1
23	WD-08026-S-01	INDEX of Bogie (CASNUB-MOD-II)	NIL.	A1
24	WD-14011-S-01	Load Test Chart	01	A1

LIST OF CONSTRUCTION DRAWINGS OF 'BOXNG'

S.No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1	WD-02007-S-01	Index	Nil	A1
2	WD-02007-S-02	Diagram	01	A1
3	WD-02007-S-03	General Arrangement	Nil	A1
4	WD-02007-S-04	Body Side Arrangement	Nil	A1
5	WD-02007-S-05	Body End Arrangement	Nil	A1
6	WD-02007-S-06	Body Side Stanchion	Nil	A1
7	WD-02007-S-07	Attachment Of End To Head Stock	Nil	A1
8	WD-02007-S-08	U-Frame Details Sheet-1	Nil	A1
9	WD-02007-S-09	Marking Diagram	Nil	A1
10	WD-88088-S-04	U-Frame Arrangement	11	A1
11	WD-88088-S-08	Centre Pivot Arrgt.	--	--
12	WD-88088-S-09	Brake Diagram	05	A1
13	WD-88088-S-10	U-Frame Brake Gear Arrgt.	08	A1
14	WD-88088-S-11	Details Of Pipes For Fitment Of Graduated Release Air Brake Equipment.	04	A1
15	WD-88088-S-12	Fitment Of Graduated Release Air Brake Equipment Twin Pipe Layout	04	A1
16	WD-88088-S-13	Uncoupling Gear Arrangement	08	A1
17	WD-88088-S-15	U-Frame Details (Sheet II)	10	A1
18	WD-88088-S-16	U-Frame Details (Sheet III)	07	
19	WD-88088-S-19	U-Frame Brake Gear Details	07	A1
20	WD-88088-S-20	Details For Fitment Of Graduated Release Air Brake Equipment	03	A1
21	WD-88088-S-22	Arrangement Of High Tensile CBC	04	A1
22	WD-88088-S-23	Anti-Pilferage Device For Distributor Valve Of Different Makes	-	-

LIST OF CONSTRUCTION DRAWINGS OF 'BOMN'

S.No .	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1.	WD-02051-S-50	Index	01	A1
2.	WD-02051-S-51	Diagram	01	A1
3.	WD-02051-S-52	General Arrangement	02	A1
4.	WD-02051-S-53	Under frame Arrgt.	NIL	A1
5.	WD-02051-S-54	Under frame Details	03	A1
6.	WD-02051-S-56	Centre pivot and Side Bearer Arrgt.	04	A1
7.	WD-02051-S-57	U/Frame Brake Gear Arrangement	01	A1
8.	WD-02051-S-58	U/Frame Brake Gear Details	01	A1
9.	WD-02051-S-59	Brake Diagram	01	A1
10.	WD-02051-S-60	Marking Diagram.	01	A1
11	WD-02051-S-61	Fitment of Air brake equipment and Pipe layout.	04	A1
12	WD-02051-S-62	Details of pipes for fitment of Air Brake Equipment.	04	A1
13	WD-02051-S-63	Details of fitment of Air Brake Equipment	04	A1
14	WD-82060-S-57	Floor Plate Arrangement	04	A1
15	WD-82060-S-58	End Door Arrangement & Details	04	A1
16	WD-82060-S-63	Uncoupling Gear Arrangement	02	A1
17	WD-82060-S-68	Lashing Arrangement	03	A1
18	WD-82054-S-14	Details of Secondary Lashing chain	07	A1
19	WD-00009-S-73	Details of Scotch block	03	A1

LIST OF CONSTRUCTION DRAWINGS of 'BOXNAL'

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1	WD-02021-S-01	Index	Nil	A1
2	WD-02021-S-02	Diagram	03	A1
3	WD-02021-S-03	General Arrangement	02	A1
4	WD-02021-S-04	Under Frame Arrangement	03	A1
5	WD-02021-S-05	Under Frame Details (Sheet-I)	04	A1
6	WD-02021-S-06	Under Frame Details (Sheet-II)	04	A1
7	WD-02021-S-07	Under Frame Details (Sheet-III)	NIL	A1
8	WD-02021-S-08	Body Side Arrangement	02	A1
9	WD-02021-S-09	Body End Arrangement	02	A1
10	WD-02021-S-10	Cross Brace Arrangement & Details.	02	A1
11	WD-02021-S-11	Attachment Of End To Head Stock.	Nil	A1
12	WD-02021-S-12	Centre Pivot And Side Bearer Arrangement.	04	A1
13	WD-02021-S-13	Brake Diagram .	02	A1
14	WD-02021-S-14	Marking Diagram	02	A1
15	WD-02021-S-15	Floor Plate Arrangement.	02	A1
16	WD-02021-S-16	Details Of Body Side And Body Ends.	01	A1
17	WD-88088-S-10	Under Frame Brake Gear Arrangement.	08	A1
18	WD-88088-S-11	Details Of Pipes For Fitment Of Graduated Release Air Brake Equipment	04	A1
19	WD-88088-S-12	Fitment Of Graduated Release Air Brake Equipment & Pipe Lay Out.	04	A1
20	WD-88088-S-13	Uncoupling Gear Arrangement.	08	A1
21	WD-88088-S-19	Under Frame Brake Gear Details.	07	A1
22	WD-88088-S-20	Detail For Fitment Of Graduated Release Air Brake Equipment.	03	A1
23	WD-88088-S-22	Arrangement High Tensile Center Buffer Coupler.	04	A1

List of Construction Drawings of 'BOXNHL' DESIGN-`A`
Mech Code- BOXNHL (with SP & CONV. Brake)

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1	WD-05086-S-01	Index BOXNHL' DESIGN-`A` (SP With Conv. Brake)	28	A1
2	WD-05086-S-02	Diagram	16	A1
3	WD-05086-S-03	General Arrangement	08	A1
4	WD-05086-S-04	Under Frame Arrangement	07	A1
5	WD-05086-S-05	Body Side Arrangement	06	A1
6	WD-05086-S-06	Body End Arrangement	06	A1
7	WD-88088-S-07	Flap Door Arrangement.	16	A1
8	WD-05086-S-08	Center Pivot Arrangement.	07	A1
9	WD-05086-S-09	Brake Diagram .	05	A1
	WD-09057-S-02	Brake Diagram BOXNHL wcccs	05	A1
10	WD-05086-S-10	Under Frame Brake Gear Arrangement.	08	A1
11	WD-05086-S-11	Details Of Pipes For Fitment Of Graduated Release Air Brake .	02	A1
12	WD-05086-S-12	Fitment Of Graduated Release Air Brake Equipment & Pipes Lay Out.	05	A1
13	WD-05086-S-13	Uncoupling Gear Arrangement.	03	A1
14	WD-05086-S-14	Under Frame Details (Sheet-I)	10	A1
15	WD-05086-S-15	Under Frame Details (Sheet-II)	08	A1
16	WD-05086-S-16	Under Frame Details (Sheet-III)	06	A1
17	WD-05086-S-17	Body Side Stanchion.	07	A1
18	WD-05086-S-18	Attachment Of End To Head Stock	03	A1
19	WD-05086-S-19	Under Frame Brake Gear Details.	09	A1
20	WD-05086-S-20	Details For Fitment Of Graduated Release Air Brake Equipment	03	A1
21	WD-05086-S-21	Marking Diagram	17	A1
22	WD-08030-S-01	CRF Sections.	02	A1
23	WD-08030-S-02	Layout Of Floor Plates	02	A1
24	WD-08030-S-03	Layout Of Body Side Plates And Body End Plates.	01	A1
25	WD-09057-S-01	Hand Brake Arrangement & Details	03	A1
26	WD-81010-S-03	Arrangement Of High Tensile CBC.	13	A1
27	WD-92058-S-01	INDEX Of 22 HS Bogie	04	A1
28	WD-08064-S-01	Location Of Strain Gauges For Squeeze Load Test	01	A1
29	WD-08073-S-01	Load Test Chart BOXNHL	01	A1

List Of Construction Drawings OF 'BOXNHL' DESIGN- 'B'
Mech. CODE—(TP) (With Twin Pipe & Conv. Brake)

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1	WD-05086-S-01	Index BOXNHL DESIGN-`B` (Twin Pipe With Conv. Brake)	28	A1
2	WD-05086-S-02	Diagram	16	A1
3	WD-05086-S-03	General Arrangement	08	A1
4	WD-05086-S-04	Under frame Arrangement	07	A1
5	WD-05086-S-05	Body Side Arrangement	06	A1
6	WD-05086-S-06	Body End Arrangement	06	A1
7	WD-88088-S-07	Flap Door Arrangement.	16	A1
8	WD-05086-S-08	Center Pivot Arrangement.	07	A1
9	WD-05086-S-09	Brake Diagram .	05	A1
	WD-09057-S-02		05	A1
10	WD-05086-S-10	Under frame Brake Gear Arrangement.	08	A1
11	WD-09082-S-02	Details of pipes for Fitment of Graduated Release Air Brake Equipment.	01	A1
12	WD-09082-S-01	Fitment of Graduated Release Air Brake Equipment & pipes lay out.	NIL	A1
13	WD-05086-S-13	Uncoupling Gear Arrangement.	03	A1
14	WD-05086-S-14	Under frame details (sheet-I)	10	A1
15	WD-05086-S-15	Under frame details (sheet-II)	08	A1
16	WD-05086-S-16	Under frame details (sheet-III)	06	A1
17	WD-05086-S-17	Body Side Stanchion.	07	A1
18	WD-05086-S-18	Attachment of End to Head Stock	03	A1
19	WD-05086-S-19	Under frame Brake Gear Details.	09	A1
20	WD-09082-S-03	Details for Fitment of Graduated Release Air Brake Equipment	NIL.	A1
21	WD-05086-S-21	Marking diagram	17	A1
22	WD-08030-S-01	CRF Sections	02	A1
23	WD-08030-S-02	Layout of floor plates	02	A1
24	WD-08030-S-03	Layout of body side plates and body end plates.	01	A1
25	WD-09057-S-01	Hand Brake Arrangement & Details	03	A1
26	WD-81010-S-03	CBC Arrangement	13	A1
27	WD-92058-S-01	INDEX of 22 HS Bogie	04	A1
28	WD-08064-S-01	Location of strain gauges for Squeeze Load Test	01	A1
29	WD-08073-S-01	Load Test Chart	01	A1

LIST OF CONSTRUCTION DRAWINGS OF 'BOXNHL (WCCCS) DESIGN-`C`

Mech. CODE BOXNHL-WCCCS- (With Convrt. BK. Rigging & Twin Pipe)

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1.	WD-05086-S-01	INDEX. BOXNHL (WCCCS) DESIGN- `C`	28	A1
2.	WD-05086-S-02	DIAGRAM.	16	A1
3.	WD-08008-S-03	General Arrangement.	08	A1
4.	WD-08008-S-04	Under frame Arrangement .	07	A1
5.	WD-08008-S-05	Body Side Arrangement.	04	A1
6.	WD-08008-S-06	Body End Arrangement.	05	A1
7.	WD-09034-S-07	Flap Door Arrangement.	14	A1
8.	WD-08008-S-08	Center Pivot Arrangement.	05	A1
9.	WD-09057-S-02	Brake Diagram	05	A1
10.	WD-08008-S-10	Under frame Brake Gear Arrangement.	07	A1
11.	WD-08008-S-11	Details of pipes for fitment of Graduated Release Air Brake Equipment.	07	A1
12.	WD-08008-S-12	Fitment of Graduated Release Air Brake Equipment & pipe layout.	07	A1
13.	WD-08008-S-13	Uncoupling gear Arrangement.	03	A1
14.	WD-08008-S-14	Under frame Details (sheet-I).	13	A1
15.	WD-08008-S-15	Under frame Details (sheet-II).	10	A1
16.	WD-08008-S-16	Under frame Details (sheet-III).	08	A1
17.	WD-08008-S-17	Body Side Stanchion.	05	A1
18.	WD-08008-S-18	Attachment of End to Head Stock.	02	A1
19.	WD-08008-S-19	Under frame Brake Gear Details.	09	A1
20.	WD-08008-S-20	Details of fitment of Graduated Release Air Brake Equipment	03	A1
21.	WD-08008-S-21	Marking Diagram.	11	A1
22.	WD-08008-S-22	CRF SECTION.	08	A1
23.	WD-08030-S-02	Layout of floor plates	02	A1
24.	WD-08030-S-03	Layout of body side plates and body end plates.	01	A1
25.	WD-09057-S-01	Hand Brake Arrangement & Details	03	A1
26.	WD-81010-S-03	Arrangement of High Tensile CBC.	13	A1
27.	WD-92058-S-01	INDEX of 22 HS Bogie	04	A1
28.	WD-09062-S-01	Location of strain gauges for Squeeze Load Test	02	A1
29.	WD-10064-S-01	Load Test Chart	01	A1

LIST OF CONSTRUCTION DRAWINGS OF 'BOXNHL (MBS) DESIGN-'D'Mech. CODE BOXNHL-MBS (BOXNHL WCCS WITH BMBS & TWIN PIPE)

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1	WD-05086-S-01	INDEX.	28	A1
2	WD-05086-S-02	DIAGRAM.	16	A1
3	WD-09034-S-03	General Arrangement	07	A1
4	WD-09034-S-04	Under Frame Arrangement.	07	A1
5	WD-09034-S-05	Body Side Arrangement.	06	A1
6	WD-09034-S-06	Body End Arrangement.	10	A1
7	WD-09034-S-07	Flap Door Arrangement.	14	A1
8	WD-09034-S-08	Centre pivot Arrangement	08	A1
9	WD-09034-S-09	Brake Diagram	06	A1
10	WD-09034-S-10	Hand Brake Arrangement & Details	11	A1
11	WD-09034-S-11	Fitment of graduated release air brake equipment and pipe Layout	10	A1
12	WD-09034-S-12	Details of pipes for fitment of graduated release air brake equipment	08	A1
13	WD-09034-S-13	Uncoupling Gar Arrangement.	04	A1
14	WD-09034-S-14	Under frame Details sheet-I	13	A1
15	WD-09034-S-15	Under frame Details sheet-I I	08	A1
16	WD-09034-S-16	Under frame Details sheet-I II	09	A1
17	WD-09034-S-17	Body Side Stanchion	07	A1
18	WD-09034-S-18	Attachment of End to Head Stock	05	A1
19	WD-09034-S-19	Layout of floor plates	03	A1
20	WD-09034-S-20	Details of fitment of graduated release air brake equipment	06	A1
21	WD-09034-S-21	Marking Diagram	15	A1
22	WD-09034-S-22	CRF Section	10	A1
23	WD-09034-S-23	Layout of Body Side Plates and Body End plates.	04	A1
24	WD-10087-S-01	Fabricated Hand Brake Wheel	01	A3
25	WD-81010-S-03	Arrangement of High Tensile CBC.	13	A1
26	WD-92058-S-01	INDEX of 22HS Bogie	04	A1
27	WD-09062-S-01	Location of strain gauges for Squeeze Load Test	02	A1
28	WD-10064-S-01	Load Test Chart	01	A1

LIST OF CONSTRUCTION DRAWINGS OF 'BOXNHL (MBS) Design-`G`
Mech. CODE BOXNHL-25T (BOXNHL with BMBS & TWIN PIPE)

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1	WD-05086-S-01	INDEX.	28	A1
2	WD-15019-S-01	DIAGRAM.	03	A1
3	WD-22093-S-03	General Arrangement	02	A1
4	WD-22093-S-04	Under Frame Arrangement.	01	A1
5	WD-22093-S-05	Body Side Arrangement.	05	A1
6	WD-23043-S-01	Body End Arrangement.	01	A1
7	WD-23027-S-01	Flap Door Arrangement.	03	A1
8	WD-09034-S-08	Centre pivot Arrangement	08	A1
9	WD-22093-S-09	Brake Diagram	Nil	A1
10	WD-09034-S-12	Details of pipes for fitment of graduated release air brake equipment	08	A1
11	WD-09034-S-11	Fitment of graduated release air brake equipment and pipe Layout	10	A1
12	WD-09034-S-13	Uncoupling Gear Arrangement.	04	A1
13	WD-22093-S-14	Under frame Details sheet-I	03	A1
14	WD-22093-S-15	Under frame Details sheet-II	01	A1
15	WD-22093-S-16	Under frame Details sheet-III	01	A1
16	WD-09034-S-17	Body Side Stanchion	07	A1
17	WD-09034-S-18	Attachment of End to Head Stock	05	A1
18	WD-09034-S-20	Details of fitment of graduated release air brake equipment	06	A1
19	WD-15019-S-02	Marking Diagram	06	A1
20	WD-22093-S-22	CRF Section	03	A1
21	WD-22093-S-19	Layout of floor plates	Nil	A1
22	WD-22093-S-23	Layout of Body Side Plates and Body End plates.	02	A1
23	WD-09034-S-10	Hand Brake Arrangement & Details	11	A1
24	WD-10087-S-01	Fabricated Hand Brake Wheel	01	A3
25	WD-81010-S-03	Arrangement of High Tensile CBC.	13	A1
26	WD-92058-S-01	INDEX of 22HS Bogie	04	A1

LIST OF CONSTRUCTION DRAWINGS OF 'BOXNHL (MBS) DESIGN-'E' (Salt)Wagon Mech. CODE BOXNHL-MBS (BOXNHL WITH BMBS & TWIN PIPE)

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1	WD-05086-S-01	INDEX.	28	A1
2	WD-14021-S-02	DIAGRAM.	Nil.	A1
3	WD-14021-S-03	General Arrangement	01	A1
4	WD-14021-S-04	Under Frame Arrangement.	Nil.	A1
5	WD-14021-S-05	Body Side Arrangement.	Nil.	A1
6	WD-14021-S-06	Body End Arrangement.	Nil.	A1
7	WD-14021-S-07	Vertical Flap Door Arrangement.	Nil.	A1
8	WD-14021-S-08	Centre pivot Arrangement	03	A1
9	WD-14021-S-09	Brake Diagram	Nil.	A1
10	WD-14021-S-10	Hand Brake Arrangement & Details	Nil.	A1
11	WD-14021-S-11	Details of pipes for fitment of graduated release air brake equipment	Nil.	A1
12	WD-14021-S-12	Fitment of graduated release air brake equipment and pipe Layout	01.	A1
13	WD-14021-S-13	Uncoupling Gear Arrangement.	Nil.	A1
14	WD-14021-S-14	Under frame Details sheet-I	Nil.	A1
15	WD-14021-S-15	Under frame Details sheet-I I	Nil.	A1
16	WD-14021-S-16	Under frame Details sheet-I II	Nil.	A1
17	WD-14021-S-17	Body Side Stanchion	Nil.	A1
18	WD-14021-S-18	Attachment of End to Head Stock	Nil.	A1
19	WD-14021-S-19	Layout of floor plates	Nil.	A1
20	WD-14021-S-20	Details for fitment of graduated release air brake equipment	Nil.	A1
21	WD-14021-S-21	Marking Diagram	02	A1
22	WD-14021-S-22	CRF Section	Nil.	A1
23	WD-14021-S-23	Layout of Body Side Plates and Body End plates.	Nil.	A1
24	WD-10087-S-01	Fabricated Hand Brake Wheel	01	A3
25	WD-81010-S-03	Arrangement of High Tensile CBC.	13	A1
26	WD-92058-S-01	INDEX of 22HS Bogie	04	A1

List Of Construction Drawings OF BOXNHL Design-F (BOXNS)

Mech Code-BOXNS (25T axle load twin pipe conv. brake)

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1.	WD-05086-S-01	Index	28	A1
2.	WD-14014-S-01	Diagram.	09	A1
3.	WD-14014-S-02	General Arrangement.	07	A1
4.	WD-14014-S-03	Under frame Arrangement .	07	A1
5.	WD-14014-S-04	Under frame Arrangement .(with Sole Bar, Side Stanchion, Corner Stanchion)	10	A1
6.	WD-14014-S-05	Body Side Arrangement	08	A1
7.	WD-14014-S-06	Body End Arrangement.	07	A1
8.	WD-14014-S-07	Center Pivot and Side Bearer Arrangement.	06	A1
9.	WD-14014-S-08	Uncoupling gear Arrangement.	02	A1
10.	WD-14014-S-09	U/ Frame Brake Gear Arrangement	06	A1
11.	WD-14014-S-10	U/ Frame Brake Gear Details	07	A1
12.	WD-14014-S-11	Brake Diagram	06	A1
13.	WD-14014-S-12	Fitment of Graduated Release Air Brake Equipment & pipe layout.	05	A1
14.	WD-14014-S-13	Details of pipes for fitment of Air Brake Equipment.	07	A1
15.	WD-14014-S-14	Details of fitment of Graduated Release Air Brake Equipment.	03	A1
16.	WD-14014-S-15	Under frame Details (sheet-I).	06	A1
17.	WD-14014-S-16	Under frame Details (sheet-II).	06	A1
18.	WD-14014-S-17	Under frame Details (sheet-III).	06	A1
19.	WD-14014-S-18	Marking Diagram.	16	A1
20.	WD-14014-S-19	Layout of floor plates	06	A1
21.	WD-14014-S-20	Flap Door Assembly & Door Details	01	A1
22.	WD-14014-S-21	CRF Sections	04	A1
23.	WD-14014-S-22	Load Test Chart	02	A1
24.	WD-14014-S-23	Location of strain Gauge for Squeeze load test.	02	A1
25.	WD-81010-S-03	CBC Arrangement	13	A1
26.	WD-15021-S-01	Bogie Index	06	A1
27.	WD-14014-S-24	Flap Door Arrgt. Details	01	A1

List Of Construction Drawings OF BOXNHL Design-I, Mech Code (BOXNHL-2D)
(With BMBS & TWIN PIPE)

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1.	WD-05086-S-01	Index	28	A1
2.	WD-05086-S-02	Diagram.	16	A1
3.	WD-22093-S-03	General Arrangement.	02	A1
4.	WD-22093-S-04	Under frame Arrangement .	01	A1
5.	WD-22093-S-05	Body Side Arrangement	05	A1
6.	WD-23043-S-01	Body End Arrangement.	01	A1
7.	WD-23027-S-01	Flap Door Arrangement.	03	A1
8.	WD-09034-S-08	Centre pivot Arrangement	08	A1
9.	WD-22093-S-09	Brake Diagram .	Nil	A1
10.	WD-09034-S-12	Details of pipes for fitment of Graduated Release Air Brake Equipment.	08	A1
11.	WD-09034-S-11	Fitment of Graduated Release Air Brake Equipment & pipe layout.	10	A1
12.	WD-09034-S-13	Uncoupling Gear Arrangement	04	A1
13.	WD-22093-S-14	Under frame Details (sheet-I).	03	A1
14.	WD-22093-S-15	Under frame Details (sheet-II).	01	A1
15.	WD-22093-S-16	Under frame Details (sheet-III).	01	A1
16.	WD-09034-S-17	Body side stanchion	07	A1
17.	WD-09034-S-18	Attachment of End to Head Stock	05	A1
18.	WD-09034-S-20	Details of fitment of Graduated Release Air Brake Equipment	06	A1
19.	WD-22093-S-21	Marking Diagram.	04	A1
20.	WD-22093-S-22	CRF Section	03	A1
21.	WD-22093-S-19	Layout of floor Plates	Nil	A1
22.	WD-22093-S-23	Layout of Body Side plates & Body End plates	02	A1
23.	WD-09034-S-10	Hand Brake Arrangement & Details	11	A1
24.	WD-10087-S-01	Fabricated Hand Brake Wheel	01	A1
25.	WD-81010-S-03	CBC arrangement	13	A1
26.	WD-22093-S-24	Location of strain gauges for squeeze load test	02	A1
27.	WD-92058-S-01	Index of 22 HS bogie	04	A1
28.	WD-22093-S-25	Load test chart	01	A1

**List Of Construction Drawings OF BOXNHL Design-I, Mech. Code (BOXNHL-2D)
With U/F Mounted Brake System & Single Cylinder & Twin Pipe**

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1.	WD-05086-S-01	Index	28	A1
2.	WD-05086-S-02	Diagram.	16	A1
3.	WD-08008-S-03	General Arrangement.	08	A1
4.	WD-08008-S-04	Under Frame Arrangement	07	A1
5.	WD-22093-S-05	Body Side Arrangement	05	A1
6.	WD-23043-S-01	Body End Arrangement.	01	A1
7.	WD-23027-S-01	Flap Door Arrgt.	03	A1
8.	WD-09034-S-08	Center Pivot Arrangement.	08	A1
9.	WD-09057-S-02	Brake Diagram .	05	A1
10.	WD-08008-S-10	Underframe Brake Gear Arrangement	07	A1
11.	WD-08008-S-11	Details of pipes for fitment of graduated release air brake equipment	07	A1
12.	WD-08008-S-12	Fitment of graduated release air brake equipment and pipe Layout	07	A1
13.	WD-08008-S-13	Uncoupling Gear Arrangement.	03	A1
14.	WD-08008-S-14	Under frame Details (sheet-I).	13	A1
15.	WD-08008-S-15	Under frame Details (sheet-II).	10	A1
16.	WD-08008-S-16	Under frame Details (sheet-III).	08	A1
17.	WD-09034-S-17	Body side stanchion	07	A1
18.	WD-09034-S-18	Attachment of End to Head Stock	05	A1
19.	WD-08008-S-19	Underframe Brake Gear details	09	A1
20.	WD-09034-S-20	Details for fitment of graduated release air brake equipment	06	A1
21.	WD-22093-S-21	Marking diagram	04	A1
22.	WD-22093-S-22	CRF sections	03	A1
23.	WD-22093-S-19	Layout of floor plates	Nil	A1
24.	WD-22093-S-23	Layout of Body Side plates & Body End plates	02	A1
25.	WD-09057-S-01	Hand Brake Arrangement & Details	03	A1
26.	WD-10087-S-01	Fabricated Hand Brake Wheel	01	A1
27.	WD-81010-S-03	CBC Arrangement	13	A1
28.	WD-22093-S-24	Location of Strain Gauges For Squeeze Load Test	02	A1
29.	WD-92058-S-01	INDEX of 22HS Bogie	04	A1
30.	WD-08073-S-01	Load Test Chart	01	A1

**List Of Construction Drawings OF BOXNHL Design-I, Mech. Code (BOXNHL-2D)
With U/F Mounted Brake System & Twin Cylinder & Twin Pipe**

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1.	WD-05086-S-01	Index	28	A1
2.	WD-05086-S-02	Diagram.	16	A1
3.	WD-08008-S-03	General Arrangement.	08	A1
4	WD-08008-S-04	Under Frame Arrangement	07	A1
5	WD-22093-S-05	Body Side Arrangement	05	A1
6	WD-23043-S-01	Body End Arrangement.	01	A1
7	WD-23027-S-01	Flap Door Arrangement.	03	A1
8	WD-09034-S-08	Center Pivot Arrangement.	08	A1
9	WD-23093-S-01	Brake Diagram	02	A1
10	WD-23093-S-03	Details of Pipes for Fitment of Graduated Release Air Brake Equipment	01	A1
11	WD-23093-S-02	Fitment of Graduated Release Air Brake Equipment and Pipe Layout	01	A1
12	WD-08008-S-13	Uncoupling Gear Arrangement.	03	A1
13	WD-22093-S-14	Under frame Details (sheet-I).	03	A1
14	WD-22093-S-15	Under frame Details (sheet-II).	01	A1
15	WD-22093-S-16	Under frame Details (sheet-III).	01	A1
16	WD-09034-S-17	Body Side Stanchion	07	A1
17	WD-09034-S-18	Attachment of End to Head Stock	05	A1
18	WD-09034-S-20	Details of Fitment of Graduated Release Air Brake Equipment	06	A1
19	WD-22093-S-21	Marking Diagram	04	A1
20	WD-22093-S-22	CRF Sections	03	A1
21	WD-22093-S-19	Layout of Floor Plates	Nil	A1
22	WD-22093-S-23	Layout of Body Side plates & Body End plates	02	A1
23	WD-10087-S-01	Fabricated Hand Brake Wheel	01	A1
24	WD-81010-S-03	CBC Arrangement	13	A1
25	WD-22093-S-24	Location of Strain Gauges For Squeeze Load Test	02	A1
26	WD-92058-S-01	INDEX of 22HS Bogie	04	A1
27	WD-08073-S-01	Load Test Chart	01	A1
28	WD-23093-S-04	Underframe Mounted Brake System with 2 BC & 2 SLA	02	A1
29	WD-23093-S-05	Underframe Mounted Brake System with 2 BC & 2 SLA	02	A1

List of Construction Drawings Of 'BOY-25t.'

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1.	WD-06071-S-01	INDEX.	01	A1
2.	WD-06071-S-02	DIAGRAM.	01	A1
3.	WD-06071-S-03	General Arrangement.	01	A1
4.	WD-06071-S-04	Under frame Arrangement .	01	A1
5.	WD-06071-S-05	Body Side Arrangement.	01	A1
6.	WD-06071-S-06	Body End Arrangement.	01	A1
7.	WD-06071-S-07	Center Pivot and Side Bearer Arrangement.	Nil	A1
8.	WD-06071-S-08	Fitment of Graduated Release Air Brake Equipment & pipe layout.	Nil	A1
9.	WD-06071-S-09	Details of pipes for fitment of Graduated Release Air Brake Equipment.	01	A1
10.	WD-06071-S-10	Details for fitment of Graduated Release Air Brake Equipment.	Nil	A1
11.	WD-06071-S-11	Under frame Details (sheet-I).	01	A1
12.	WD-06071-S-12	Under frame Details (sheet-II).	01	A1
13.	WD-06071-S-13	Under frame Details (sheet-III).	01	A1
14.	WD-06071-S-14	Body Side Stanchion.	01	A1
15.	WD-06071-S-15	Uncoupling Gear Arrangement.	01	A1
16.	WD-06071-S-16	Marking Diagram.	01	A1
17.	WD-08024-S-01	CRF Section	Nil	A1
18.	WD-08024-S-02	Layout of floor plates.	Nil	A1
19.	WD-08024-S-03	Layout of Body side and Body End plates.	Nil	A1

LIST OF CONSTRUCTION DRAWINGS OF 'BOXNR' (REHAB)

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1.	WD-07001-S-01	INDEX.	06	A1
2.	WD-07001-S-02	DIAGRAM.	17	A1
3.	WD-07001-S-03	General Arrangement.	12	A1
4.	WD-07001-S-04	Under frame Arrangement .	07	A1
5.	WD-07001-S-05	Under frame Details (sheet-I).	09	A1
6.	WD-07001-S-06	Under frame Details (sheet-II).	04	A1
7.	WD-07001-S-07	Under frame Details (sheet-III).	05	A1
8.	WD-07001-S-08	Body Side Arrangement.	13	A1
9.	WD-07001-S-09	Body Side Stanchion.	08	A1
10.	WD-07001-S-10	Body End Arrangement.	12	A1
11.	WD-07001-S-11	Attachment of End to Head Stock	08	A1
12.	WD-07001-S-12	Marking Diagram.	14	A1
13.	WD-07064-S-01	Cold rolled form section.	12	A1
14.	WD-09034-S-07	Flap Door Arrangement	14	A1
15	WD-80007-S-12 sheet-1	Fitment of Graduated Release Air Brake Equipment & Twin pipe layout.	04	A1
16	WD-80007-S-12 sheet-2	Fitment of Graduated Release Air Brake Equipment & Twin pipe layout.	19	A1
17	WD-80007-S-12A	Fitment of Graduated Release Air Brake Equipment & Twin pipe layout Details	20	A1
18	WD-81010-S-03	Arrgt. Of High Tensile CBC (N. T.)	13	A1
19	WD-90096-S-01	Index OF Bogie	04	A1
	WD-92058-S-01	Index OF Bogie	04	A1
20	WD-20024-S-02	Centre Pivot & Side Bearer Arrangement (Spherical Pivot)	01	A1

LIST OF CONSTRUCTION DRAWINGS OF 'BOXNRHS' (REHAB)

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1.	WD-07001-S-01	INDEX.	06	A1
2.	WD-07001-S-02	DIAGRAM.	17	A1
3.	WD-07001-S-03	General Arrangement.	12	A1
4.	WD-07001-S-04	Under frame Arrangement .	07	A1
5.	WD-07001-S-05	Under frame Details (sheet-I).	09	A1
6.	WD-07001-S-06	Under frame Details (sheet-II).	04	A1
7.	WD-07001-S-07	Under frame Details (sheet-III).	05	A1
8.	WD-07001-S-08	Body Side Arrangement.	13	A1
9.	WD-07001-S-09	Body Side Stanchion.	08	A1
10.	WD-07001-S-10	Body End Arrangement.	12	A1
11.	WD-07001-S-11	Attachment of End to Head Stock	08	A1
12.	WD-20018-S-01	Marking Diagram. BOXNRHS	03	A1
13.	WD-07064-S-01	Cold rolled form section.	12	A1
14.	WD-09034-S-07	Flap Door Arrangement	14	A1
15	WD-80007-S-12 sheet1	Fitment of Graduated Release Air Brake Equipment & Twin pipe layout.	04	A1
16	WD-80007-S-12 sheet 2	Fitment of Graduated Release Air Brake Equipment & Twin pipe layout.	19	A1
17	WD-80007-S-12A	Fitment of Graduated Release Air Brake Equipment & Twin pipe layout Details	20	A1
18	WD-81010-S-03	Arrgt. Of High Tensile CBC (N. T.)	13	A1
19	WD-92058-S-01	Index OF Bogie	04	A1
20	WD-20024-S-02	Centre Pivot & Side Bearer Arrangement (Spherical Pivot)	01	A1
21	WD-20024-S-05	Centre Pivot & Side Bearer Arrangement (Flat Pivot)	01	A1

LIST OF CONSTRUCTION DRAWINGS OF 'BOXNRM2'

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1.	WD-07001-S-01	INDEX.	06	A1
2.	WD-07001-S-02	DIAGRAM.	17	A1
3.	WD-07001-S-03	General Arrangement.	12	A1
4.	WD-07001-S-04	Under frame Arrangement .	07	A1
5.	WD-07001-S-05	Under frame Details (sheet-I).	09	A1
6.	WD-07001-S-06	Under frame Details (sheet-II).	04	A1
7.	WD-07001-S-07	Under frame Details (sheet-III).	05	A1
8.	WD-07001-S-08	Body Side Arrangement.	13	A1
9.	WD-07001-S-09	Body Side Stanchion.	08	A1
10.	WD-07001-S-10	Body End Arrangement.	12	A1
11.	WD-07001-S-11	Attachment of End to Head Stock	08	A1
12.	WD-07001-S-12	Marking Diagram. BOXNRM2	14	A1
13.	WD-07064-S-01	Cold rolled form section.	12	A1
14.	WD-09034-S-07	Flap Door Arrangement	14	A1
15	WD-80007-S-12 Sheet 1	Fitment of Graduated Release Air Brake Equipment & Twin pipe layout.	04	A1
16	WD-80007-S-12 Sheet 2	Fitment of Graduated Release Air Brake Equipment & Twin pipe layout.	19	A1
17	WD-80007-S-12A	Fitment of Graduated Release Air Brake Equipment & Twin pipe layout Details	20	A1
18	WD-81010-S-03	Arrgt. Of High Tensile CBC (N. T.)	13	A1
19	WD-90096-S-01	Index OF Bogie	04	A1
20	WD-20024-S-02	Centre Pivot & Side Bearer Arrangement (Spherical Pivot)	01	A1

LIST OF CONSTRUCTION DRAWINGS OF 'BOXN25t'

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1.	WD-07005-S-01	INDEX.	01	A1
2.	WD-07005-S-02	DIAGRAM.	01	A1
3.	WD-07005-S-03	General Arrangement.	01	A1
4.	WD-07005-S-04	Under frame Arrangement .	01	A1
5.	WD-07005-S-05	Body Side Arrangement.	01	A1
6.	WD-07005-S-06	Body End Arrangement.	02	A1
7.	WD-07005-S-07	Center Pivot and Side Bearer Arrangement.	Nil.	A1
8.	WD-07005-S-08	Brake Diagram .	01	A1
9.	WD-07005-S-09	Brake Gear Arrangement.	01	A1
10.	WD-07005-S-10	Brake Gear Details	01	A1
11.	WD-07005-S-11	Cross Brace Arrangement and Details.	01	A1
12.	WD-07005-S-12	Flap Door Arrangement.	01	A1
13.	WD-07005-S-13	Uncoupling gear Arrangement.	02	A1
14.	WD-07005-S-14	Under frame Details (sheet-I).	01	A1
15.	WD-07005-S-15	Under frame Details (sheet-II).	01	A1
16.	WD-07005-S-16	Under frame Details (sheet-III).	01	A1
17.	WD-07005-S-17	Body Side Stanchion.	02	A1
18.	WD-07005-S-18	Fitment of Graduated Release Air Brake Equipment & pipe layout.	01	A1
19.	WD-07005-S-19	Details of pipes for fitment of Graduated Release Air Brake Equipment.	02	A1
20.	WD-07005-S-20	Details of fitment of Graduated Release Air Brake Equipment	01	A1
21.	WD-07005-S-21	Marking Diagram.	Nil.	A1
22.	WD-08028-S-01	CRF Section	Nil.	A1
23.	WD-08028-S-02	Layout of floor plates.	01	A1
24.	WD-08028-S-03	Layout of Body side and Body End plates.	01	A1

LIST OF CONSTRUCTION DRAWINGS OF 'BOXN25M' Design-A

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1.	WD-09028-S-01	Index	06	A1
2.	WD-09028-S-02	Diagram.	04	A1
3.	WD-09028-S-03	General Arrangement.	03	A1
4.	WD-09028-S-04	Under frame Arrangement .	04	A1
5.	WD-09073-S-05	Body Side Arrangement	01	A1
6.	WD-07005-s-06	Body End Arrangement.	02	A1
7.	WD-09028-S-07	Center Pivot and Side Bearer Arrangement.	03	A1
8.	WD-07005-S-11	Cross Brace Arrangement and Details.	01	A1
9.	WD-07005-S-13	Uncoupling gear Arrangement.	02	A1
10.	WD-09028-S-14	Under frame Details (sheet-I).	03	A1
11.	WD-09028-S-15	Under frame Details (sheet-II).	04	A1
12.	WD-09028-S-16	Under frame Details (sheet-III).	03	A1
13.	WD-07005-S-17	Body Side Stanchion.	02	A1
14.	WD-09028-S-18	Fitment of Graduated Release Air Brake Equipment & pipe layout.	01	A1
15.	WD-09028-S-19	Details of pipes for fitment of Graduated Release Air Brake Equipment.	02	A1
16.	WD-09028-S-20	Details of fitment of Air Brake Equipment.	01	A1
17.	WD-09028-S-21	Marking Diagram.	02	A1
18.	WD-09028-S-22	Adopter for Centre Pivot (Sheet-I)	04	A1
19.	WD-09028-S-22	Adopter for Centre Pivot (Sheet-II) (With Centre Pivot)	Nil.	A1
20.	WD-08028-S-02	Layout of floor plates	01	A1
21.	WD-08028-S-03	Layout of Body side Plates and Body End plates.	01	A1
22.	WD-09073-S-01	Hand Brake Arrangement & Details (Sheet-I)	02	A1
23.	WD-09073-S-01	Hand Brake Arrangement & Details (Sheet-II)	01	A1
24.	WD-09073-S-02	CRF Section	02	A1
25.	WD-09073-S-03	Brake Diagram	02	A1
26.	WD-09073-S-12	Flap Door Arrangement	Nil.	A1

LIST OF CONSTRUCTION DRAWINGS OF 'BOY' MARK-P1 (BMBS)

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1	WD-09061-S-01	INDEX 'BOY'(BMBS)	05	A1
2	WD-09061-S-02	Diagram	NIL	A2
3	WD-09061-S-03	General Arrangement	NIL	A1
4	WD-09061-S-04	Under Frame Arrangement.	02	A1
5	SK.69619	Under Frame Details sheet-I	08	A0
6	WD-09061-S-05	Under Frame Details sheet-II	01	A1
7	WD-09061-S-06	Brake Diagram	NIL	A1
8	WD-09061-S-07	Hand Brake Arrangement & Details	01	A1
9	WD-09061-S-08	Fitment of Air Brake Equipment and pipe layout (BMBS)	02	A1
10	WD-09061-S-09	Details of pipe for fitment of Air Brake Equipment (BMBS)	03	A1
11	WD-09061-S-10	Details of fitment of Air Brake Equipment. (BMBS)	02	A1
12	WD-19014-S-01	Marking diagram for BOY /BOYEL Wagon	04	A1
13	WD-89073-S-02	CASNUB 22NLB Bogie General Arrangement.	11	A1
14	WD-93031-S-01	Body Side Stanchion	02	A3
15	WD-93031-S-02	Strengthening of side and End Walls with Under frame	02	A3
16	WD-93031-S-03	Strengthening of Body End Arrangement.	02	A3
17	WD-98033-S-01	Pivot Filler Support on Under Frame	03	A1
18	WD-00046-S-01	Uncoupling Gear Arrangement of wagons	07	A1
19	WD-81074-S-07	Fitment of Center Pivot and Side Bearer Arrangement on Underframe	05	A1
20	WD-81010-S-03	Arrangement of High Tensile center Buffer Coupler (Non- Transition).	13	A1
21	SK.69616	Body General Arrangement	06	A0
22	SK.69617	Body Details	10	A0
23	SK.69621	Floor plate Arrangement and Details	05	A0

LIST OF CONSTRUCTION DRAWINGS OF 'BOYEL ' Design-'B'

S. No.	Drawing No.	Description	Latest Alt. No.	Drawing Size
1	WD-09061-S-01	Index	05	A1
2	WD-06084-S-01	Diagram	02	A1
3	WD-17037-S-01	General Arrangement	NIL	A1
4	WD-09061-S-04	Under Frame General Arrangement	02	A1
5	SK.69619	Under Frame Details (Sheet -I)	08	A0
6	WD-09061-S-05	Under Frame Details (Sheet -II)	01	A1
7	WD-17037-S-02	Brake Diagram	01	A1
8	WD-09061-S-07	Hand Brake Arrangement & Details	01	A1
9	WD-09061-S-08	Fitment Of Air Brake Equipment & Pipe Layout (BMBS)	02	A1
10	WD-09061-S-09	Details Of Pipe For Fitment Of Air Brake Equipment (BMBS)	03	A1
11	WD-09061-S-10	Details Of Fitment Of Air Brake Equipment (BMBS)	02	A1
12	WD-06059-S-02	CASNUB 22NLC Bogie General Arrangement	02	A1
13	WD-93031-S-01	Body Side Stanchion	02	A3
14	WD-93031-S-02	Strengthening Of Side &End Walls With Under Frame	02	A3
15	WD-93031-S-03	Strengthening Of Body End Arrangement	02	A3
16	WD-98033-S-01	Pivot Filler Support On Under Frame	03	A1
17	WD-00046-S-01	Uncoupling Gear Arrangement Of Wagons	07	A1
18	WD-81074-S-07	Fitment Of Center Pivot & Side Bearer On Under Frame	05	A1
19	WD-81010-S-03	Arrangement Of High Tensile Centre Buffer Coupler	13	A1
20	SK.69616	Body General Arrangement	06	A0
21	SK.69617	Body Details	10	A0
22	SK.69621	Floor Plate Arrangement And Details	05	A0
23	WD-17037-S-03	Centre Sill (End) Arrangement	NIL	A1
24	WD-18009-S-01	Load Test Chart	NIL	A1
25	WD-18009-S-02	Locations Of Strain Gauges For Squeeze Load Test	01	A1
26	WD-19014-S-01	Marking Diagram For BOY/BOYEL Wagon	04	A1

LIST OF CONSTRUCTION DRAWINGS OF 'BOXNHAM'

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1	WD-10079-S-02	INDEX	NIL	A1
2	WD-10079-S-01	Diagram	05	A1
3	WD-10079-S-03	Marking Diagram.	02	A1
4	WD-80007-S-03	General Arrangement	25	A1
5	WD-80007-S-04	Under Frame Arrangement	21	A1
6	WD-80007-S-05	Body Side Arrangement.	31	A1
7	WD-80007-S-06	Body End Arrangement.	20	A1
8	WD-80007-S-09	Brake Diagram	17	A1
9	WD-80007-S-10	Under Frame Brake Gear Arrangement	26	A1
10	WD-80007-S-11	Details of pipe for fitment of Graduated Release Air Brake Equipment.	12	A1
11	WD-80007-S-12 (Sh.1 of 2)	Fitment of Graduated Release Air Brake Equipment and twin pipe layout	04	A1
12	WD-80007-S-12 (Sh.2 of 2)	Fitment of Graduated Release Air Brake Equipment and twin pipe layout	19	A1
13	WD-80007-S-12A	Fitment of Graduated Release Air Brake Equipment and twin pipe layout Details	20	A1
14	WD-00046-S-01	Uncoupling Gear Arrangement.	07	A1
15	WD-80007-S-14	Under Frame Details Sheet-I	26	A1
16	WD-80007-S-15	Under Frame Details Sheet-II	22	A1
17	WD-80007-S-16	Under Frame Details Sheet-III	13	A1
18	WD-80007-S-17	Body Side Stanchion	19	A1
19	WD-80007-S-18	Attachment of End to Head Stock	10	A1
20	WD-80007-S-19	Under Frame Brake Gear Details	18	A3
21	WD-80007-S-20	Details for fitment of Graduated Release Air Brake Equipment.	17	A1
22	WD-90007-S-01	Flap Door Arrangement.	21	A1
23	WD-81010-S-03	Arrangement High Tensile Centre Buffer Coupler.	13	A1
24	WD-98033-S-01	Pivot Filler Support on Under Frame	03	A1
25	WD-98015-S-11	Centre Pivot & Side Bearer Arrangement. (with fitted with IRF -108 Bogie)	04	A1

LIST OF CONSTRUCTION DRAWING BOXNM1

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. size
1	WD-80007-S-01	Index	13	A1
2	WD-05084-S-02	Diagram	11	A1
3	WD-80007-S-03	General Arrangement.	25	A1
4	WD-80007-S-04	Under frame Arrangement	21	A1
5	WD-80007-S-05	Body Side Arrangement.	31	A1
6	WD-80007-S-06	Body End Arrangement.	20	A1
7	WD-80007-S-09	Brake Diagram.	17	A1
8	WD-80007-S-10	Under frame Brake Gear Arrangement.	26	A1
9	WD-80007-S-11	Details of Pipes for Fitment of Graduated Release Air Brake Equipment.	12	A1
10	WD-80007-S-12 (Sheet 1 of 2)	Fitment of Graduated Release Air Brake Equipment & Pipe Layout.	04	A1
11	WD80007-S-12 (Sheet 2 of 2)	Fitment of Graduated Release Air Pipe Equipment & Pipe Layout	19	A1
12	WD-80007-S-12A	Fitment of Graduated Release Air Brake Equipment	20	A1
13	WD-00046-S-01	Uncoupling Gear Arrangement	07	A1
14	WD-80007-S-14	Under frame Details (Sheet- I)	26	A1
15	WD-80007-S-15	Under frame Details (Sheet- II)	22	A1
16	WD-80007-S-16	Under frame Details (Sheet- III)	13	A1
17	WD-80007-S-17	Body Side Stanchion.	19	A1
18	WD-80007-S-18	Attachment of End to Headstock.	10	A1
19	WD-80007-S-19	Under frame Brake Gear Details	18	A1
20	WD-80007-S-20	Details of Fitment of Graduated Release Air Brake Equipment.	17	A1
21	WD-07040-S-01	Marking Diagram.	03	A1
22	WD-90007-S-01	Flap Door Arrangement..	21	A1
23	WD-81010-S-03	Arrangement of High Tensile Centre Buffer Coupler.	13	A1
24	WD-85079-S-01	Centre Pivot & Side Bearing Arrangement (When fitted with CASNUB 22W(M), 22NL, 22NLB, 22NLM, 22NLC, Bogies)	16	A1
25	WD-98033-S-01	Pivot-Filler Support On Under Frame	03	A1
26	WD-90096-S-01	Index of CASNUB 22NLB	04	A1

LIST OF CONSTRUCTION DRAWING BOXNM2

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. size
1	WD-80007-S-01	Index	13	A1
2	WD-05084-S-02	Diagram	11	A1
3	WD-80007-S-03	General Arrangement.	25	A1
4	WD-80007-S-04	Under frame Arrangement	21	A1
5	WD-80007-S-05	Body Side Arrangement.	31	A1
6	WD-80007-S-06	Body End Arrangement.	20	A1
7	WD-80007-S-09	Brake Diagram.	17	A1
8	WD-80007-S-10	Under frame Brake Gear Arrangement.	26	A1
9	WD-80007-S-11	Details of Pipes for Fitment of Graduated Release Air Brake Equipment.	12	A1
10	WD-80007-S-12 (Sheet 1 of 2)	Fitment of Graduated Release Air Brake Equipment & Pipe Layout.	04	A1
11	WD80007-S-12 (Sheet 2 of 2)	Fitment of Graduated Release Air Pipe Equipment & Pipe Layout	19	A1
12	WD-80007-S-12A	Fitment of Graduated Release Air Brake Equipment Details	20	A1
13	WD-00046/S-01	Uncoupling Gear Arrangement	06	A1
14	WD-80007-S-14	Under frame Details (Sheet- I)	26	A1
15	WD-80007-S-15	Under frame Details (Sheet- II)	22	A1
16	WD-80007-S-16	Under frame Details (Sheet- III)	13	A1
17	WD-80007-S-17	Body Side Stanchion.	19	A1
18	WD-80007-S-18	Attachment of End to Headstock.	10	A1
19	WD-80007-S-19	Under frame Brake Gear Details	18	A1
20	WD-80007-S-20	Details of Fitment of Graduated Release Air Brake Equipment.	17	A1
21	WD-20017-S-01	Marking Diagram.	03	A1
22	WD-90007-S-01	Flap Door Arrangement..	21	A1
23	WD-81010-S-03	Arrangement of High Tensile Centre Buffer Coupler.	13	A1
24	WD-20024-S-02	Centre Pivot & Side Bearing Arrangement (When fitted with CASNUB 22W(M), 22NL, 22NLB, 22NLM, 22NLC, Bogies)	01	A1
25	WD-98033-S-01	Pivot-Filler Support On Under Frame	03	A1
26	WD-90096-S-01	Index of CASNUB 22NLB	04	A1

LIST OF CONSTRUCTION DRAWING BOXNHSM1

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. size
1	WD-80007-S-01	Index	13	A1
2	WD-05084-S-01	Diagram	12	A1
3	WD-80007-S-03	General Arrangement.	25	A1
4	WD-80007-S-04	Under frame Arrangement	21	A1
5	WD-80007-S-05	Body Side Arrangement.	31	A1
6	WD-80007-S-06	Body End Arrangement.	20	A1
7	WD-80007-S-09	Brake Diagram.	17	A1
8	WD-80007-S-10	Under frame Brake Gear Arrangement.	26	A1
9	WD-80007-S-11	Details of Pipes for Fitment of Graduated Release Air Brake Equipment.	12	A1
10	WD-80007-S-12 (Sheet 1 of 2)	Fitment of Graduated Release Air Brake Equipment & Pipe Layout.	04	A1
11	WD-80007-S-12 (Sheet 2 of 2)	Fitment of Graduated Release Air Pipe Equipment & Pipe Layout	19	A1
12	WD-80007-S-12A	Fitment of Graduated Release Air Brake Equipment	20	A1
13	WD-00046-S-01	Uncoupling Gear Arrangement	07	A1
14	WD-80007-S-14	Under frame Details (Sheet- I)	26	A1
15	WD-80007-S-15	Under frame Details (Sheet- II)	22	A1
16	WD-80007-S-16	Under frame Details (Sheet- III)	13	A1
17	WD-80007-S-17	Body Side Stanchion.	19	A1
18	WD-80007-S-18	Attachment of End to Headstock.	10	A1
19	WD-80007-S-19	Under frame Brake Gear Details	18	A1
20	WD-80007-S-20	Details of Fitment of Graduated Release Air Brake Equipment.	17	A1
21	WD-07040-S-05	Marking Diagram.	03	A1
22	WD-90007-S-01	Flap Door Arrangement..	21	A1
23	WD-81010-S-03	Arrangement of High Tensile Centre Buffer Coupler.	13	A1
24	WD-04038-S-03	Centre Pivot & Side Bearer Arrangement (When fitted with CASNUB HS Bogie) (Spherical Pivot)	06	A1
25	WD-04078-S-02	Centre Pivot & Side Bearing Arrangement (When fitted with CASNUB HS Bogie) (Flat Pivot)	06	A1
26	WD-98033-S-01	Pivot-Filler Support On Under Frame	03	A1
27	WD-92058-S-01	Index of CASNUB 22HS	04	A1

LIST OF CONSTRUCTION DRAWING BOXNHSM2

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. size
1	WD-80007-S-01	Index	13	A1
2	WD-05084-S-01	Diagram	12	A1
3	WD-80007-S-03	General Arrangement.	25	A1
4	WD-80007-S-04	Under frame Arrangement	21	A1
5	WD-80007-S-05	Body Side Arrangement.	31	A1
6	WD-80007-S-06	Body End Arrangement.	20	A1
7	WD-80007-S-09	Brake Diagram.	17	A1
8	WD-80007-S-10	Under frame Brake Gear Arrangement.	26	A1
9	WD-80007-S-11	Details of Pipes for Fitment of Graduated Release Air Brake Equipment.	12	A1
10	WD-80007-S-12 (Sheet 1 of 2)	Fitment of Graduated Release Air Brake Equipment & Pipe Layout.	04	A1
11	WD-80007-S-12 (Sheet 2 of 2)	Fitment of Graduated Release Air Pipe Equipment & Pipe Layout	19	A1
12	WD-80007-S-12A	Fitment of Graduated Release Air Brake Equipment	20	A1
13	WD-00046-S-01	Uncoupling Gear Arrangement	07	A1
14	WD-80007-S-14	Under frame Details (Sheet- I)	26	A1
15	WD-80007-S-15	Under frame Details (Sheet- II)	22	A1
16	WD-80007-S-16	Under frame Details (Sheet- III)	13	A1
17	WD-80007-S-17	Body Side Stanchion.	19	A1
18	WD-80007-S-18	Attachment of End to Headstock.	10	A1
19	WD-80007-S-19	Under frame Brake Gear Details	18	A1
20	WD-80007-S-20	Details of Fitment of Graduated Release Air Brake Equipment.	17	A1
21	WD-20017-S-02	Marking Diagram.	03	A1
22	WD-90007-S-01	Flap Door Arrangement	21	A1
23	WD-81010-S-03	Arrangement of High Tensile Centre Buffer Coupler.	13	A1
24	WD-20024-S-02	Centre Pivot & Side Bearer Arrangement (When Fitted With CASNUB HS Bogies) (Spherical Pivot)	01	A1
25	WD-20024-S-05	Centre Pivot & Side Bearer Arrangement (When Fitted With CASNUB HS Bogies) (Flat Pivot)	01	A1
26	WD-98033-S-01	Pivot-filler support on under frame	03	A1
27	WD-92058-S-01	Index of CASNUB 22HS	04	A1

LIST OF CONSTRUCTION DRAWING 'BOXNEL'

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. size
1	WD-80007-S-01	Index	13	A1
2	WD-06083-S-01	Diagram	04	A1
3	WD-80007-S-03	General Arrangement.	25	A1
4	WD-80007-S-04	Under frame Arrangement	21	A1
5	WD-80007-S-05	Body Side Arrangement.	31	A1
6	WD-80007-S-06	Body End Arrangement.	20	A1
7	WD-80007-S-09	Brake Diagram.	17	A1
8	WD-80007-S-10	Under frame Brake Gear Arrangement.	26	A1
9	WD-80007-S-11	Details of Pipes for Fitment of Graduated Release Air Brake Equipment.	12	A1
10	WD-80007-S-12 (Sheet 1 of 2)	Fitment of Graduated Release Air Brake Equipment & Pipe Layout.	04	A1
11	WD80007-S-12 (Sheet 2 of 2)	Fitment of Graduated Release Air Pipe Equipment & Pipe Layout	19	A1
12	WD-80007-S-12A	Fitment of Graduated Release Air Brake Equipment	20	A1
13	WD-00046-S-01	Uncoupling Gear Arrangement	07	A1
14	WD-80007-S-14	Under frame Details (Sheet- I)	26	A1
15	WD-80007-S-15	Under frame Details (Sheet- II)	22	A1
16	WD-80007-S-16	Under frame Details (Sheet- III)	13	A1
17	WD-80007-S-17	Body Side Stanchion.	19	A1
18	WD-80007-S-18	Attachment of End to Headstock.	10	A1
19	WD-80007-S-19	Under frame Brake Gear Details	18	A1
20	WD-80007-S-20	Details of Fitment of Graduated Release Air Brake Equipment.	17	A1
21	WD-06083-S-02	Marking Diagram.	04	A1
22	WD-90007-S-01	Flap Door Arrangement..	21	A1
23	WD-81010-S-03	Arrangement of High Tensile Centre Buffer Coupler.	13	A1
24	WD-85079-S-01	Centre Pivot & Side Bearing Arrangement (When fitted with CASNUB 22W(M), 22NL, 22NLB, 22NLM, 22NLC, Bogies)	16	A1
25	WD-20024-S-02	Centre Pivot & Side Bearer Arrangement (When Fitted With CASNUB HS Bogies) (Spherical Pivot)	01	A1
26	WD-20024-S-05	Centre Pivot & Side Bearer Arrangement (When Fitted With CASNUB HS Bogies) (Flat Pivot)	01	A1
27	WD-98033-S-01	Pivot-filler support on under frame	03	A1
28	WD-06059-S-01	Index of CASNUB 22NLC	01	A1

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S. No.	Drawing No.	Description	Latest Alt. No.	Drg. size
1	WD-22081-S-01	Index	Nil	A1
2	WD-22081-S-02	Diagram	05	A1
3	WD-22081-S-03	General Arrangement.	04	A1
4	WD-22081-S-04	Underframe Arrangement	04	A1
5	WD-22081-S-05	Underframe Details (Sheet- I)	03	A1
6	WD-22081-S-06	Underframe Details (Sheet- II)	03	A1
7	WD-22081-S-07	Floor Plate Arrangement & Details	03	A1
8	WD-22081-S-08	Body Side Arrangement.	03	A1
9	WD-22081-S-09	Body Side Details	04	A1
10	WD-22081-S-10	Body End Arrangement.	03	A1
11	WD-22081-S-11	Body End Details	03	A1
12	WD-22081-S-12	Door Arrangement & Details	04	A1
13	WD-22081-S-13	Fixture Arrangement	Nil	A1
14	WD-22081-S-14	Fixture Details	Nil	A1
15	WD-22081-S-15	Brake Diagram	02	A1
16	WD-22081-S-16	Brake Gear Arrangement	03	A1
17	WD-22081-S-17	Brake Gear Details	03	A1
18	WD-22081-S-18	Fitment of Graduated Release Air Brake Equipment & Pipe Layout.	03	A1
19	WD-22081-S-19	Details of Fitment of Air Brake Equipment	02	A1
20	WD-22081-S-20	Details of Pipes for Fitment of Air Brake Equipment	01	A1
21	WD-22081-S-21	Uncoupling Gear Arrangement	Nil	A1
22	WD-22081-S-22	Centre Pivot & Side Bearer Arrangement	01	A1
23	WD-22081-S-23	Marking Diagram.	04	A1
24	WD-22081-S-24	CRF Sections	02	A1
25	WD-22081-S-25	Fitment of load sensing device	01	A1
26	WD-22081-S-26	Location of Strain Gauges for Squeeze Load Test	02	A1
27	WD-22081-S-27	Static Load Test chart for 22.9t axle load	01	A1
28	WD-22081-S-28	Static Load Test chart for 25t axle load	01	A1
29	WD-22081-S-29	Loading Pattern	01	A1
30	WD-15021-S-02	Bogie General Arrangement	05	A1
31	WD-81010-S-03	Arrangement of High Tensile Centre Buffer Fixed Coupler	13	A1

BOGIE COVERED WAGON (B.G.)

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1	BCCN	54-55
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4	BCN 'B'	59
5	BCNM1 & BCNM2	60
6	BCNHSM1 & BCNHSM2	61
7	BCXC-III	62-63
8	BCXC	64-65
9	BCXC-II	66-67
10	CRT-1 (20T A/L)	68
11	CRT-1	69
12	CRT	70-71
13	BCCNR	72
14	BCLM	73
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16	BCNHL Design-`B`	75
17	BCNHL Design-`C`	76
18	BCNHL Design-`D`	77
19	BCNHL Design-`E`	78
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23	BCFC Design-B	83-84
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26	BCFC Design-E (BCFCM)/ BCFCM1 with UMBS	89-90
27	BCACB	91-92
28	BCNAHSM1 & BCNAHSM2 (Design-A,B & C)	93
29	BCNAHSM1 & BCNAHSM2 (Design-D)	94
30	BCNAHSM1 & BCNAHSM2-(Design-E)	95
31	BCNAHSM1 & BCNAHSM2-(Design-F)	96
32	BCACBM (Design-A)	97
33	BCACBM (Design-B)	98
34	BCPVN	99
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LIST OF CONSTRUCTION DRAWINGS 'BCCN'

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1	WD-97025-S-00	Index	02	A1
2	WD-97025-S-01	Diagram.	02	A1
3	WD-97025-S-02	General Arrangement	01	A1
4	WD-97025-S-03	Lower Deck Frame Arrangement(End Wagon-A)	03	A1
5	WD-97025-S-04	Lower Deck Frame Arrgtt.(Middle Wagon-B)	02	A1
6	WD-97025-S-05	Upper Deck Arrgtt .& Details (End Wagon-A)	01	A1
7	WD-97025-S-06	Upper Deck Arrgtt. & Details(Middle Wagon-B)	01	A1
8	WD-97025-S-07	Lower Deck Frame Details (Sheet-1) (Middle Wagon-B)	02	A1
9	WD-97025-S-08	Lower Deck Frame Details (Sheet-2) (Middle Wagon-B)	04	A1
10	WD-97025-S-09	Floor Plate Arrangement & Details,Lower Deck (A & B Wagons)	02	A1
11	WD-97025-S-10	Floor Plate Arrangement & Details, Upper Deck (A & B Wagons)	01	A1
12	WD-97025-S-11	Body Side Arrangement. (End Wagon-A)	02	A1
13	WD-97025-S-12	Body Side Arrangement. (Middle Wagon-B)	03	A1
14	WD-97025-S-13	Body Side Details. (A & B Wagon)	NIL	A1
15	WD-97025-S-14	Body Side Sheet Details.	02	A1
16	WD-97025-S-15	Side Door Arrgtt. Lower Deck (A & B Wagon)	02	A1
17	WD-97025-S-16	Side Door Arrgtt. Upper Deck (A & B Wagon)	01	A1
18	WD-97025-S-17	Side Door Details (Sheet-1)	01	A1
19	WD-97025-S-19	End Flap Arrangement & Details. (A & B Wagons)	01	A1
20	WD-97025-S-20	Roof Arrangement & Details.	01	A1
21	WD-97025-S-21	Bolster Details (End Wagon-A)	01	A1
22	WD-97025-S-22	Centre Pivot & Side Bearer Arrangement.	01	A1
23	WD-97025-S-23	End Swing Door Arrangement & Details. (Lower Deck -A Wagon)	01	A1
24	WD-97025-S-24	End Swing Door Arrangement & Details. (Upper Deck-A Wagon)	01	A1
25	WD-97025-S-25	End Swing Door Arrangement & Details. (Middle Wagon-B & Y End Of End Wagon-A)	01	A1
26	WD-97025-S-26	End Swing Door Details.	01	A1
27	WD-97025-S-27	Brake Arrangement.	02	A1
28	WD-97025-S-28	Brake Details.	01	A1

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
29	WD-97025-S-29	Brake Diagram.	01	A1
30	WD-97025-S-30	Brake Equipment Layout. (End Wagon-A)	02	A1
31	WD-97025-S-31	Brake Equipment Layout. (Middle Wagon-B)	02	A1
32	WD-97025-S-32	Brake Pipe Details.	01	A1
33	WD-97025-S-33	Brake Equipment Fitment Details	03	A1
34	WD-97025-S-34	A.P.D. For Distributor Valve.	NIL	A1
35	WD-97025-S-35	Arrangement Of High Tensile Centre Buffer Couple (Non- Transition)	01	A1
36	WD-97025-S-36	Uncoupling Gear Arrangement & Details.	NIL	A1
37	WD-97025-S-37	Marking Diagram	01	A1
38	WD-97025-S-38	LOUVERS Arrangement (For Wagon A & B)	01	A1
39	WD-99065-S-01	Protective Lining Arrgt. & Details	NIL	A1
40	WD-99065-S-02	Modified End Flap Arrgt. Lower Deck A & B Wagon	01	A1
41	WD-99065-S-03	Grating Arrgt. & Details	01	A1
42	WD-99065-S-04	Drain Pipe Arrgt. & Details	Nil	A1
43	WD-99065-S-05	Latch Belt For Automobiles	02	A1
44	WD-99065-S-06	Storing Hook For Latch Belt	01	A1

LIST OF CONSTRUCTION DRAWINGS 'BCNA', 'BCNAHS'

S. No	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1	WD-90030-S-50	Index	06	A1
2	WD-90030-S-51	Diagram (For BCNA Wagon)	11	A1
3	WD-90030-S-52	General Arrangement.	11	A1
4	WD-90030-S-53	Under frame Arrangement.	06	A1
5	WD-90030-S-54	Under frame Details (Sheet-I)	07	A1
6	WD-90030-S-55	Under frame Details (Sheet-II)	06	A1
7	WD-90030-S-56	Under frame Details (Sheet-III)	05	A1
8	WD-90030-S-57	Brake Gear Arrangement.	10	A1
9	WD-90030-S-58	Brake Gear Details.	11	A1
10	WD-90030-S-59	Brake Diagram.	06	A1
11	WD-90030-S-60	Arrangement of Floor Plates.	04	A1
12	WD-90030-S-61	End Sub-assembly and Details.	07	A1
13	WD-90030-S-62	Arrangement & Details of Body Side.	05	A1
14	WD-90030-S-63	Details of Stanchions & Car lines	06	A1
15	WD-90030-S-64	Roof Arrangement & Details.	05	A1
16	WD-90030-S-65	Door Arrangement.	05	A1
17	WD-90030-S-66	Door Details.	10	A1
18	WD-00046-S-01	Uncoupling Gear Arrangement.	07	A1
19	WD-90030-S-68	Arrangement of Centre Pivot & Side Bearer (For BCNA Wagon)	04	A1
20	WD-90030-S-69	Marking Diagram.	19	A1
21	WD-90030-S-70	Details of Joints	02	A1
22	WD-90030-S-71 (sheet 1 of 2)	Fitment of Air Brake Equipment and Pipe Layout.	01	A1
23	WD-90030-S-71 (Sheet-2 of 2)	Fitment of Air Brake Equipment and pipe layout	06	A1
24	WD-90030-S-72	Details for Pipe for Fitment of Air Brake Equipment	04	A1
25	WD-90030-S-73	Details of Fitment of Air Brake Equipment	07	A1
26	WD-90030-S-74	Anti-pilferage Device for Distributor Valve of different makes	04	A1
27	WD-98033-S-01	Pivot filler support on Under Frame.	03	A1
28	WD-01011-S-51	Diagram (For BCNAHS wagon)	04	A1
29	WD-01011-S-52	Centre Pivot & Side Bearer Arrangement (For BCNAHS wagon)	06	A1

LIST OF CONSTRUCTION DRAWINGS 'BCNAM1'/'BCNAM2'

S. No	Drawing No.	Description	Latest No.	Alt.	Drg. Size.
1	WD-90030-S-50	Index	06		A1
2	WD-05084-S-03	Diagram	06		A1
3	WD-90030-S-52	General Arrangement.	11		A1
4	WD-90030-S-53	Under frame Arrangement.	06		A1
5	WD-90030-S-54	Under frame Details (Sheet-I)	07		A1
6	WD-90030-S-55	Under frame Details (Sheet-II)	06		A1
7	WD-90030-S-56	Under frame Details (Sheet-III)	05		A1
8	WD-90030-S-57	Brake Gear Arrangement.	10		A1
9	WD-90030-S-58	Brake Gear Details.	11		A1
10	WD-90030-S-59	Brake Diagram.	06		A1
11	WD-90030-S-60	Arrangement of Floor Plate.	04		A1
12	WD-90030-S-61	End Sub-assembly and Details.	07		A1
13	WD-90030-S-62	Arrangement & Details of Body Side.	05		A1
14	WD-90030-S-63	Details of Stanchions & Car lines	06		A1
15	WD-90030-S-64	Roof Arrangement & Details.	05		A1
16	WD-90030-S-65	Door Arrangement.	05		A1
17	WD-90030-S-66	Door Details.	10		A1
18	WD-00046-S-01	Uncoupling Gear Arrangement.	07		A1
19	WD-90030-S-68	Arrangement of Centre Pivot & Side Bearer (For BCNA Wagon)	04		A1
20	WD-07040-S-03	Marking Diagram.	04		A1
21	WD-90030-S-70	Details of Joints	02		A1
22	WD-90030-S-71 (sheet 1 of 2)	Fitment of Air Brake Equipment and Pipe Layout.	01		A1
23	WD-90030-S-71 (Sheet-2 of 2)	Fitment of Air Brake Equipment and pipe layout	06		A1
24	WD-90030-S-72	Details for Pipes for Fitment of Air Brake Equipment	04		A1
25	WD-90030-S-73	Details of Fitment of Air Brake Equipment	07		A1
26	WD-90030-S-74	Anti-pilferage Device for Distributor Valve of different makes	04		A1
27	WD-98033-S-01	Pivot filler support on under frame.	03		A1
28	WD-20024-S-04	Arrgt. Of Centre Pivot & Side Bearer with Flat Centre Pivot (for BCNAM2 wagon)	03		A1

LIST OF CONSTRUCTION DRAWINGS 'BCN' Design 'A'
(With CONVENTIONAL Brake System)

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size
1	WD-84014-S-00	Index	07	A1
2	WD-84014-S-01	Diagram. (with-22 w (M) Bogie and Air Brake	14	A1
3	WD-84014-S-02	General Arrangement.	06	A1
4	WD-84014-S-03	Under frame Arrangement.	07	A1
5	WD-84014-S-04	Under frame Brake Gear Arrangement	18	A1
6	WD-84014-S-05	Layout of Graduated Release Air Brake Equipment and Twin pipe.	08	A1
7	WD-84014-S-06	Brake Gear and Under frame Details.	10	A3
8	WD-84014-S-07A	Arrangement of Centre pivot and side bearer	06	A1
9	WD-84014-S-08	Details of Pipes for Fitment of Graduated Release Air Brake Equipment.	01	A1
10	WD-84014-S-09	Details of Graduated Release Air Brake Equipment.	07	A1
11	WD-84014-S-10	Fitment of Graduated Release Air Brake Equipment. And Twin pipe Details	06	A1
12	WD-84014-S-11	Brake Diagram (Air Brake)	07	A1
13	WD-84014-S-12	Marking Diagram.	18	A1
14	WD-84014-S-13	Under frame Details (Sheet- I)	02	A1
15	WD-84014-S-14	Under frame Details (Sheet- II)	02	A1
16	WD-84014-S-15	Under frame Details (Sheet- III)	01	A1
17	WD-84014-S-16	Arrangement of Floor plate	01	A1
18	WD-84014-S-17	End Sub-Assembly and Details	03	A1
19	WD-84014-S-18	Uncoupling Gear Arrangement	03	A1
20	WD-84014-S-19	Details of Stanchions and Carlines	03	A1
21	WD-84014-S-20	Details of side sheet	01	A1
22	WD-84014-S-21	Details of Roof Sheet and Ventilator	01	A1
23	WD-84014-S-22	Door Arrangement	04	A1
24	WD-84014-S-23	Door Details	03	A1
25	WD-84014-S-24	Anti- pilferage device for brake gear components of BOX Wagon	--	--
26	SK.121-62650	Method of fixing Stanchions to cross Bar.	01	A1
27	SK-62651	Centre Sill Section.	02	A4
28	SK-63720	PRO/PR Stencil	01	A3
29	SK-66511	Railway Initial in Hindi	01	A1
30	SK-749-67526	Foot Steps & Hand Hold for Side Operated Hand Brake.	02	A2
31	SK-68530	Spliced Joints for Sole Bar, Side Coping and Centre Sill	nil	A3
32	SK-70509	Modification to Provide lifting Pads on BOX & BCX Wagon Sole Bars	01	A3
33	SK-72531	Provision of Hasp Stopper to eliminate to infringement of Door.	Nil	A1
34	SK-76538	Seal Welding on Body Side, End & Roof Joints.	Nil	A1

LIST OF CONSTRUCTION DRAWINGS 'BCN' Design 'B'
(with BMBS)

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size
1	WD-84014-S-00	Index	07	A1
2	WD-84014-S-01	Diagram. (with-22 w (M) Bogie and Air Brake	14	A1
3	WD-84014-S-02	General Arrangement.	06	A1
4	WD-12024-S-03	Under frame Arrangement.	01	A1
5	WD-12024-S-04	Hand Brake Arrangement and Detail.	01	A1
6	WD-84014-S-05	Layout of Graduated Release Air Brake Equipment and Twin pipe.	08	A1
7	WD-84014-S-06	Brake Gear and Under frame Details.	10	A3
8	WD-84014-S-07A	Arrangement of center pivot and side bearer	06	A1
9	WD-84014-S-08	Details of Pipes for Fitment of Graduated Release Air Brake Equipment.	06	A1
10	WD-84014-S-09	Details of Graduated Release Air Brake Equipment.	07	A1
11	WD-12024-S-10	Fitment of Graduated Release Air Brake Equipment. And Twin pipe Details	01	A1
12	WD-12024-S-11	Brake Diagram.	01	A1
13	WD-84014-S-12	Marking Diagram.	18	A1
14	WD-84014-S-13	Under frame Details (Sheet- I)	02	A1
15	WD-84014-S-14	Under frame Details (Sheet- II)	02	A1
16	WD-84014-S-15	Under frame Details (Sheet- III)	01	A1
17	WD-84014-S-16	Arrangement of Floor plate	01	A1
18	WD-84014-S-17	End Sub-Assembly and Details	03	A1
19	WD-84014-S-18	Uncoupling Gear Arrangement	03	A1
20	WD-84014-S-19	Details of Stanchions and Carlines	04	A1
21	WD-84014-S-20	Details of side sheet	01	A1
22	WD-84014-S-21	Details of Roof Sheet and Ventilator	01	A1
23	WD-84014-S-22	Door Arrangement	04	A1
24	WD-84014-S-23	Door Details	03	A1
25	WD-84014-S-24	Anti - pilferage device for brake gear components of BOX Wagon	--	--
26	SK.121-62650	Method of fixing Stanchions to cross Bar.	02	A1
27	SK.62651	Centre Sill Section.	02	A4
28	SK.63720	PRO/PR Stencil	01	A3
29	SK.66511	Railway Initial in Hindi	01	A1
30	SK.749-67526	Foot Step & Hand Hold for Side Operated Hand Brake.	02	A2
31	SK.68530	Spliced Joints for Sole Bar, Side Coping and Centre Sill	Nil.	A3
32	SK.70509	Modification to Provide lifting Pads on BOX & BCX Wagon Sole Bars	01	A3
33	SK.72531	Provision of Hasp Stopper to eliminate infringement of Door.	Nil.	A1
34	SK.76538	Seal Welding on Body Side, End & Roof Joints.	Nil.	A1

List Of Construction Drawings 'BCNM1' & 'BCNM2'

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size
1	WD-84014-S-00	Index	07	A1
2	WD-05084-S-05	Diagram. (with-22 W (M) Bogie and Air Brake)	08	A1
3	WD-84014-S-02	General Arrangement.	06	A1
4	WD-84014-S-03	Under frame Arrangement.	07	A1
5	WD-84014-S-04	Under frame Brake Gear Arrangement	18	A1
6	WD-84014-S-05	Layout of Graduated Release Air Brake Equipment and Twin pipe.	08	A1
7	WD-84014-S-06	Brake Gear and Under frame Details.	10	A3
8	WD-84014-S-07A	Arrangement of Centre Pivot And Side Bearer	06	A1
9	WD-84014-S-08	Details of Pipes for Fitment of Graduated Release Air Brake Equipment.	06	A1
10	WD-84014-S-09	Details of Graduated Release Air Brake Equipment.	07	A1
11	WD-84014-S-10	Fitment of Graduated Release Air Brake Equipment. And Twin pipe Details	06	A1
12	WD-84014-S-11	Brake Diagram. (Air Brake)	07	A1
13	WD-07040-S-02	Marking Diagram.	04	A1
14	WD-84014-S-13	Under frame Details (Sheet- I)	02	A1
15	WD-84014-S-14	Under frame Details (Sheet- II)	02	A1
16	WD-84014-S-15	Under frame Details (Sheet- III)	01	A1
17	WD-84014-S-16	Arrangement of Floor plate	01	A1
18	WD-84014-S-17	End Sub-Assembly and Details	03	A1
19	WD-84014-S-18	Uncoupling Gear Arrangement	03	A1
20	WD-84014-S-19	Details of Stanchions and Carlines	04	A1
21	WD-84014-S-20	Details of Side Sheet	01	A1
22	WD-84014-S-21	Details of Roof Sheet and Ventilator	01	A1
23	WD-84014-S-22	Door Arrangement	04	A1
24	WD-84014-S-23	Door Details	03	A1
25	WD-84014-S-24	Anti - Pilferage Device for Brake Gear Components of BOX Wagons	--	--
26	SK.-121-62650	Method of fixing Stanchions to Cross Bar.	02	A1
27	SK.-62651	Centre Sill Section.	02	A4
28	SK.-63720	PRO/PR Stencil	01	A3
29	SK.-66511	Railway Initials in Hindi	01	A1
30	SK.-749-67526	Foot Step & Hand Hold for Side Operated Hand Brake.	02	A2
31	SK.-68530	Spliced Joints for Sole Bar, Side Coping and Centre Sill	Nil.	A3
32	SK.-70509	Modification to Provide Lifting Pads on BOX & BCX Wagon Sole Bars	01	A3
33	SK.-72531	Provision of Hasp Stopper to Eliminate Infringement of Door.	Nil.	A1
34	SK.-76538	Seal Welding on Body Side, End & Roof Joints.	Nil.	A1
35	WD-20024-S-04	Arrangement Of Centre Pivot & Side Bearer with Flat Centre Pivot (For BCNM2 WAGON)	03	A1

LIST OF CONSTRUCTION DRAWINGS 'BCNHSM1' & 'BCNHSM2'

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size
1	WD-84014-S-00	Index	07	A1
2	WD-08101-S-01	Diagram. (with-22 W (M) Bogie and Air Brake)	03	A1
3	WD-84014-S-02	General Arrangement.	06	A1
4	WD-84014-S-03	Under frame Arrangement.	07	A1
5	WD-84014-S-04	Under frame Brake Gear Arrangement	18	A1
6	WD-84014-S-05	Layout of Graduated Release Air Brake Equipment and Twin pipe.	08	A1
7	WD-84014-S-06	Brake Gear and Under frame Details.	10	A3
8	WD-84014-S-07A	Arrangement of Centre Pivot and Side Bearer	06	A1
9	WD-84014-S-08	Details of Pipes for Fitment of Graduated Release Air Brake Equipment.	06	A1
10	WD-84014-S-09	Details of Graduated Release Air Brake Equipment.	07	A1
11	WD-84014-S-10	Fitment of Graduated Release Air Brake Equipment. and Twin pipe Details	06	A1
12	WD-84014-S-11	Brake Diagram. (Air Brake)	07	A1
13	WD-07040-S-02	Marking Diagram.	04	A1
14	WD-84014-S-13	Under frame Details (Sheet- I)	02	A1
15	WD-84014-S-14	Under frame Details (Sheet- II)	02	A1
16	WD-84014-S-15	Under frame Details (Sheet- III)	01	A1
17	WD-84014-S-16	Arrangement of Floor plate	01	A1
18	WD-84014-S-17	End Sub-Assembly and Details	03	A1
19	WD-84014-S-18	Uncoupling Gear Arrangement	03	A1
20	WD-84014-S-19	Details of Stanchions and Carlines	04	A1
21	WD-84014-S-20	Details of Side Sheet	01	A1
22	WD-84014-S-21	Details of Roof Sheet and Ventilator	01	A1
23	WD-84014-S-22	Door Arrangement	04	A1
24	WD-84014-S-23	Door Details	03	A1
25	WD-84014-S-24	Anti - Pilferage Device for Brake Gear Components of BOX Wagons	--	--
26	SK.-121-62650	Method of fixing Stanchions to Cross Bar.	02	A1
27	SK.-62651	Centre Sill Section.	02	A4
28	SK.-63720	PRO/PR Stencil	01	A3
29	SK.-66511	Railway Initials in Hindi	01	A1
30	SK.-749-67526	Foot Step & Hand Hold for Side Operated Hand Brake.	02	A2
31	SK.-68530	Spliced Joints for Sole Bar, Side Coping and Centre Sill	Nil.	A3
32	SK.-70509	Modification to Provide lifting Pads on BOX & BCX Wagon Sole Bars	01	A3
33	SK.-72531	Provision of Hasp Stopper to Eliminate Infringement of Door.	Nil.	A1
34	SK.-76538	Seal Welding on Body Side, End & Roof Joints.	Nil.	A1
35	WD-20024-S-04	Arrangement Of Centre Pivot & Side Bearer with Flat Centre Pivot (For BCNHSM2 WAGON)	03	A1

LIST OF CONSTRUCTION DRAWINGS 'BCXC-III'

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1	WD-86045-S-00	Index	Nil	A1
2	WD-86045-S-01	Diagram	Nil	A1
3	WD-86045-S-02	General Arrangement.	Nil	A0
4	WD-86045-S-03	Brake Diagram.	Nil	A1
5	WD-86045-S-04	Fitment of Graduated Release Air Brake Equipment & Twin Pipe Layout.	02	A1
6	WD-86045-S-05	Fitment of Graduated Release Air Brake Equipment & Twin Pipe Layout Details.	02	A1
7	WD-86045-S-06	Details of pipe for fitment of Graduated release Air Brake Equipment.	02	A3
8	WD-86045-S-07	Antipilferage Device for Distributor Valve of Different Makes.	01	A1
9	WD-84014-S-03	Underframe Arrangement.	07	A1
10	WD-84014-S-04	Underframe Brake Gear Arrangement.	18	A1
11	WD-84014-S-06	Details of Underframe Brake Gear.	10	A3
12	WD-84014-S-12	Marking Diagram.	18	A1
13	WD-84014-S-13	Underframe Details (Sheet-I)	02	A1
14	WD-84014-S-14	Underframe Details (Sheet-II)	02	A1
15	WD-84014-S-15	Underframe Details (Sheet-III)	01	A1
16	WD-84014-S-16	Arrangement of Floor Plates.	01	A1
17	WD-84014-S-17	End Sub-assembly & Details.	03	A1
18	WD-84014-S-18	Uncoupling Gear Arrangement & Details.	03	A1
19	WD-84014-S-19	Details of Stanchions & Carlines.	04	A1
20	WD-84014-S-20	Details of Side Sheets.	01	A1
21	WD-84014-S-21	Details of Roof sheets & Ventilator.	01	A1
22	WD-84014-S-22	Door Arrangement.	04	A1
23	WD-84014-S-23	Door Details.	03	A1
24	SK.-62720	Straight Centre Buffer Coupler Arrangement	11	A1
25	Drg.No.4020/24	Antipilferage Device for Brake Gear Components on U/Frame	Nil	A1
26	WD-86007-S-01	Laminated Bearing Spring(10-Plates)	07	A2
27	SK-.66511	Railway Initial in Hindi	01	A1
28	SK.63720	PRO/PR Stencil.	01	A3
29	*SK.-68530	Spliced Joints for Sole Bar Side, Coping & Centre Sill.	Nil	A3
30	SK.-70509	Modification to provide lifting Pads on BOX & BCX Wagon	01	A3
31	SK-.72531	Provision of hasp stopper to eliminate Infringement of Door.	Nil	A1
32	SK.-76538	Seal Welding on Body Side End & Roof Joints.	Nil	A1
33	SK.121-62651	Centre Sill Sections.	02	A2
34	WD-86026-S-01	Index (Box type Bogie Mod.I)	Nil	A1
35	WD-86026-S-02	Bogie General Arrangement.	03	A1
36	WD-86026-S-03	10 Plates Spring Suspension.	03	A1
37	WD-86026-S-04	Bogie Frame Arrangement.	04	A1
38	WD-86026-S-05	Bogie Side frame & Details.	05	A1
39	WD-86026-S-06	Bogie Frame Details Sheet-I	03	A1

40	WD-86026-S-07	Bogie Frame Details Sheet-II	05	A1
41	WD-86026-S-08	Centre Spring Hanger Bracket Details.	01	A1
42	WD-86026-S-09	Headstock End Spr.Hanger Bracket & Details	03	A1
43	Drg.No.4000/05	Arrangement of Centre Pivot.	01	A1
44	Drg.No.4000/06	Bogie Brake Gear Arrangement.	Nil	A1
45	-do- 4000/09	Details of Welding Bogie Frame.Sheet-2	01	A1
46	-do- 4000/11 A1	Bogie Trimmer Arrangement (Inner)		Nil
47	-do- 4000/12	Bogie Trimmer Arrangement (Outer)	Nil	A1
48	-do- 4000/13	Details of Bogie Trimmers.	Nil	A1
49	-do- 4000/17	Bogie Transom & Details.	01	A1
50	-do- 4000/18	Procedure & method of checking Bogie.	01	A1
51	-do- 4000/19	Location of Brake Gear Pins & Bushes.	05	A1
52	-do- 4000/20	Bogie Brake Diagram.	Nil	A1
53	-do- 4000/21	Legend Marking & Standards Plate Location(in English)	05	A2
54	Drg.No.4000/25	Legend Marking & Standards Plate Location(in Hindi)	01	A2
55	*SK.749-76526	Foot Step & Hand Hold for Side Operated Hand Brake.	NIL	A1
56	SK.710-63903	Arrangement of Centre Pivot.	07	A1
57	SK.720-63906	Bolster Arrangement.	05	A1
58	SK.121-62650	Method of fixing stringers to cross Bars.	02	A1

- For Guidance Only.

LIST OF CONSTRUCTION DRAWINGS 'BCXC'

S. No.	Drawing No.	Description	Latest No.	Alt.	Drg. Size.
1	WD-81055-S-01	Index	Nil	A1	
2	Drg.No.4000/01	Index (BOX type Bogie)	01	A1	
3	WD-82021-S-06	Diagram.	03	A1	
4	WD-82021-S-07	Arrangement of Centre Pivot & Side Bearer with Casnub 22W Bogie. 2			A1
5	WD-82021-S-08	Modification to Underframe Brake Gear for Fitment of Casnub 22W Bogie.	01	A1	
6	WD-82021-S-09	<i>Details of Underframe Brake Gear Modification (with Casnub Bogie)</i>	02	A1	
7	WD-82021-S-10	Brake Diagram (with Casnub 22W Bogie)	Nil	A1	
8	SK.720-63904	Underframe Arrangement (to be read with SK.71543 & WD-81055-S-3)	07	A1	
9	WD-81055-S-03	Arrangement of Non-transition CBC & Uncoupling Gear	Nil	10	
10	WD -81055-S-04	Underframe Details (Non-transition CBC)	Nil	A1	
11	SK-720-63906	Bolster Arrangement (to be read with SK.-71543 & WD-81055-S-4)	05	A1	
12	SK-721-63907	Arrangement of Floor Plates.	06	A0	
13	SK-721-63908	Underframe Details (Sheet-I) (to be read with WD-81055-S-4)	12	A0	
14	SK.721-63909	Underframe Details (Sheet-II)	07	A1	
15	SK.730-63910	Sub-assembly of Body Side End & Roof.	07	A1	
16	SK.732-63911	Details of Side & End Sheets.	07	A1	
17	SK.732-63912	Details of Stanchions & Carlines.	11	A1	
18	SK.732-65504	Modified Body Side & End Joints.	07	A1	
19	SK.734-63915	Details of Roof Sheets & Ventilator.	04	A1	
20	SK.735-63916	Door Arrangement.	08	A1	
21	SK.740-63918	Arrangement of Underframe Brake Gear and Side Operated Hand Brake (to be read with WD-82021-S-8)	15	A1	
22	SK.740-65507	Arrangement of Release Spring for Brake Gear.	04	A2	
23	SK.742-63920	Arrangement of Brake Piping.	08	A1	
24	SK.749-63921	Details of Underframe Brake Gear(to be read with WD-82021-S-8)	07	A1	
25	SK.749-67526	Foot Step & Hand hold for Side Operation Hand Brake.	02	A2	
26	SK.760-63922	Marking Diagram. (in English)	15	A1	
27	SK.121-62650	Method of Fixing Stringers to Cross Bars.	02	A1	
28	SK.140-64510	Arrangement & Details of Release Spring for Brake Gear.	05	A2	
29	SK.63720	PRO/PR Stencil.	01	A3	
30	SK.66511	Railway Initials in Hindi.	01	A1	
31	SK.68530	Spliced Joints for Sole Bar,Side Coping & Centre Sill.	Nil	A3	
32	SK.70509	Modification to Provide Lifting Pads on BOX & BCX Wagon Sole Bars.	01	A3	
33	SK.72531	Provision of Hasp Stopper to Eliminate Infringement of Door.	Nil	A1	
34	SK.71543	Modification to the Centre Sill Stiffeners at Underframe Bolster.	Nil	A2	
35	SK.74593	Guide Bush (High density polythene)	03	A3	
36	SK.76538	Seal Welding on Body Side, End and Roof Joints.	Nil	A1	

37	SK.76546	Marking Diagram (in Hindi)	06	A1
38	SK.121-62651	Centre Sill Section.	02	A4
39	Drg.No.4020/24	Anti-pilferage Device for Brake Gear Components of BOX Wagon Nil		A1

LIST OF CONSTRUCTION DRAWINGS 'BCX-II'

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1	SK.700-63900	Index(Bogie Covered Wagon Type BCX. Mk.II)	11	A1
2	SK.No.4000/01	Index (BOX Type Bogie).	01	A1
3	SK.701-63901	Diagram.	06	A1
4	SK.702-63902	General Arrangement.	09	A1
5	Drg.No.4000/02	Bogie General Arrangement.	03	A1
6	“ 4000/03	10 Plate Spring suspension Arrangement.	05	A1
7	“ 4000/04	Bogie Frame Arrangement.	01	A1
8	“ 4000/06	Bogie Brake Gear Arrangement.	Nil	A1
9	“ 4000/07	Bogie Side Frame & Details.	03	A1
10	“ 4000/08	Details of Welded Bogie Frame (Sheet-I)	01	A1
11	“ 4000/09	Details of welded Bogie Frame (Sheet-II)	Nil	A1
12	“ 4000/10	Centre Spring Hanger Bracket & Details.	Nil	A1
13	“ 4000/11	Bogie Trimmer Arrangement (Inner)	Nil	A1
14	“ 4000/12	Bogie Trimmer Arrangement (Outer).	Nil	A1
15	“ 4000/13	Trimmer Details.	Nil	A1
16	“ 4000/14	Head stock, Diagonal & Safety Loop Bracket Details.	01	A1
17	“ 4000/15	Headstock Spring Hanger Bracket.	02	A1
18	“ 4000/16	Headstock Spring Hanger Bracket Details.	02	A1
19	“ 4000/17	Transom & Details.	01	A1
20	“ 4000/18	Procedure & Method for Checking Bogie.	01	A1
21	“ 4000/19	Location of brake Gear Pins & Bushes.	05	A1
22	“ 4000/20	Bogie Brake Diagram.	Nil	A1
23	Drg.No.4000/21	Legend Markings & Standards Plate Location.	05	A2
24	Sk.710-63903	Arrangement of Centre Pivot.(to be read with SK.71538)	07	A1
25	SK.720-63904	Underframe Arrangement .(to be read with SK.70583,70584 & 71543)	07	A1
26	SK.720-63905	Transition End(to be read with SK.70583 and SK.70584)	10	A0
27	SK.720-63906	Bolster Arrgtt.(to be read with SK.71543)	05	A1
28	SK.720-63907	Arrangement of Floor Plates.(to be read with SK.70583 & SK.70584)	06	A0
29	SK.721-63908	Underframe Details (Sheet-I)(to be read with SK.70583 & SK.70584)	12	A0
30	SK.721-63909	Underframe Details (Sheet-II)	07	A1
31	SK.730-63910	Sub-assemblies of Body Side, End & Roof.	07	A1
32	SK.732-63911	Details of Side & End Sheets.	07	A1
33	SK.732-63912	Details of Stanchions & Car-lines.	11	A0
34	SK.732-65504	Modified Body Side & End Joints.	07	A1
35	SK.734-63915	Details of Roof Sheets & Ventilator.	04	A1
36	SK.735-63916	Door Arrangement.	08	A1
37	SK.735-63917	Door Details.	05	A0
38	SK.740-63918	Arrangement of Underframe Brake Gear and Side Operated	15	A1

Hand Brake.				
39	SK.740-65507	Arrgtt. of Release spring for brake Gear.	04	A2
40	SK.741-63919	Brake Diagram.	01	A1
41	SK.742-63920	Arrangement of Brake Piping.	08	A1
42	SK.749-63921	Details of Underframe Brake Gear.	07	A1
43	SK.749-67526	Foot Step & Hand Hold for Side Operated Hand Brake.	02	A2
44	SK.760-63922	Marking Diagram.(in English)	15	A1
45	*SK.121-62650	Method of Fixing Stringers to Cross Bars.	02	A1
46	SK.121-62655	Back Stop.(to be read with Sk.71543)	Nil	A2
47	SK.140-64510	Arrangement & Details of Release Spring for Brake Gear.	05	A2
48	SK.150-67524	Arrgtt. of Single Piece Uncoupling Gear for Non-transition & Transition CBC.	02	A2
49	SK.63720	PRO/PR Stencil.	01	A3
50	SK.66511	Railway Initials in Hindi.	01	A1
51	SK.66531	Identification Marking on Wagons with Transition CBC & Screw Coupling.	Nil	A3
52	SK.68530	Spliced Joints for Sole Bars, Side Coping and Centre Sill.	Nil	A3
53	SK.70509	Modification to Provision Lifting Pads on BOX & BCX Wagon Sole Bars.	01	A3
54	SK.70583 A0	Modification to the Headstock diagonal & Knee Joints.	04	
55	SK.70584	Cast Steel Headstock Knee.	02	A1
56	SK.71543	Modification to the Centre Sill Stiffeners at Underframe Bolster.	Nil	A2
57	SK.72531	Provision of Hasp Stopper to Eliminate Infringement of Door.	Nil	A1
58	SK.74593	Guide Bush(High density Polythene)	03	A3
59	SK.76538	Seal Welding on body side, end & roof joint	Nil	A1
60	SK.76586	Marking Diagram (in Hindi)	06	A1
61	SK.76587	Legend Marking in Hindi & standard plate Location.	01	A1
62	+SK.121-62651	Centre Sill Section.	02	A4

- For Guidance Only.

LIST OF CONSTRUCTION DRAWINGS 'CRT-1'(20t A/L)

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1	SK.71604	Index for CRT-I	06	A1
2	SK.71605	Diagram.	10	A1
3	WD-80098-S-2	Underframe Arrangement.	01	A1
4	SK.71574	Floor Plate Arrangement.	07	A1
5	SK.71575	Side Assembly & Details.	06	A1
6	Drg.2000/19A/M	Door Arrangement.	07	A1
7	SK.71578	Running Gear Arrangement.	08	A1
8	SK.71608	Brake Diagram.	06	A1
9	SK.71609	Brake Arrangement.	11	A1
10	SK.71581	Vacuum Pipe Arrangement.(to be read with Drg.No.WD-80098-S-6)	08	A1
11	WD-80131-S-3	Uncoupling Gear Arrangement.	01	A1
12	SK.71583	Underframe Details (Sheet-I)(to be read with Drg.No.WD-80098-S-3)	12	A1
13	SK.71584	Underframe Details (Sheet-II) (to be read with Drg.No.WD-80098-S-3)	09	A1
14	Drg.2000/20A/M	Door Details.	08	A1
15	SK.68532	Modified Swing Door Locking Arrangement for Covered Wagons.	Nil	A1
16	SK.71586	Running Gear Details.	14	A1
17	WD-83024-S-1	Laminated Bearing Spring (9-Plates)	01	A1
18	Drg.4000/22*	Axle Box 130mm dia.20 ton Roller Bearing.	06	A1
19	Drg.4000/23*	Details of Axle Box Body.	05	A1
20	Drg.4000/24*	Details of Axle Box.	07	A1
21	SK.71610	Brake Details(to be read with WD-80098/3	12	A1
22	SK.71589	Brake Beam.	02	A1
23	SK.72641	Fabricated Brake Beam.(Alternative)	Nil	A2
24	SK.63503/M	Proposed Arrangement of Antibleeding Device on IRS Covered Wagons.	0	2
25	SK.72505	Roof Assembly & Details.	07	A1
26	SK.74509	End Assembly & Details.	03	A1
27	SK.74510	Details of Joints of Roof Carline & Body Stanchions.	01	A1
28	SK.77508	Marking Diagram.	03	A1
29	SK.122-62655	Back Stop.	Nil	A3
30	WD-80098-S-3	Underframe Details.	01	A1
31	WD-80098-S-6	Modification to Twin Pipe End & bracket.	Nil	A1
32	WD-80131-S-2	Transition Centre Buffer Coupler Arrgtt.	Nil	A1

*for Guidance Only

LIST OF CONSTRUCTION DRAWINGS'CRT1'

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1	SK.71604	Index	06	A1
2	SK.71605	Diagram.	10	A1
3	SK.71573	Underframe Arrangement.	09	A1
4	SK.71574	Floor Plate Arrangement.	07	A1
5	SK.71575	Side Assembly & Details.	06	A1
6	Drg.2000/19A/M	Door Arrangement.	07	A1
7	SK.71578	Running Gear Arrangement.	08	A1
8	SK.71608	Brake Diagram.	06	A1
9	SK.71609	Brake Arrangement.	11	A1
10	SK.71581	Vacuum Pipe Arrangement.	08	A1
11	SK.72637	Transition CBC & Uncoupling Gear Arrangement (Alliance No.2 CBC)	06	A1
12	SK.71583	Underframe Details (Sheet-I)	12	A1
13	SK.71584	Underframe Details (Sheet-II)	09	A1
14	Drg.2000/20A/M	Door Details.	08	A1
15	SK.68532	Modified Swing Door Locking Arrangement for Covered Wagons.	Nil	A1
16	SK.71586	Running Gear Details.	14	A1
17	SK.70501	Laminated Bearing Spring (9-Plates) (Supersedes by WD-87024-S-1)	1	A1
18	Drg.4000/22*	Axle Box 130mm dia.20 ton Roller Bearing.	06	A1
19	Drg.4000/23*	Details of Axle Box Body.	05	A1
20	Drg.4000/24*	Details of Axle Box.	07	A1
21	SK.71610	Brake Details.	12	A1
22	SK.71589	Brake Beam.	02	A1
23	SK.72641	Fabricated Brake Beam.(Alternative)	Nil	A2
24	SK.63503/M	Proposed Arrangement of Antibleeding Device on IRS Covered Wagons.	02	A2
25	SK.72505	Roof Assembly & Details.	07	A1
26	SK.74509	End Assembly & Details.	03	A1
27	SK.74510	Details of Joints of Roof Carline & Body Stanchions.	01	A1
28	SK.77508	Marking Diagram.	03	A1
29	SK.69503	Transition Screw Coupling Arrangement.	11	A1
30	SK.69504	Transition Screw Coupling Details.	10	A1
31	SK.73569 A1	Side Buffer with Rubber Buffer Spring.	0	2
32	WD 1-7727-S-10	Light Transition CBC & Uncoupling Gear Arrangement.	01	A1

- for Guidance Only.

LIST OF CONSTRUCTION DRAWINGS 'CRT'

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size.
1	SK.69530	index (20 Ton Axle Load) superseded by SK71604	01	-
2	SK.69531	Diagram.	01	-
3	SK.69532	General Arrangement.	01	-
4	SK.69533	Underframe Arrangement.	01	-
5	Drg.2045/77/M	Floor Plate Arrangement.	02	A1
6	Drg.2045/78/M	Side Assembly & Details.	05	A1
7	Drg.2000/19A/M	Door Arrangement.	07	A0
8	SK.69534	End Assembly & Details.	Nil	-
9	Drg.2045/80/M	Roof Assembly & Details.	04	A1
10	SK.69535	Running Gear Arrangement.	Nil	-
11	Sk.69536	Brake Diagram.	Nil	-
12	SK.69537	Brake Arrangement.	Nil	-
13	SK.69538	Vacuum Pipe Arrangement.	01	-
14	SK.69539	Transition CBC & Uncoupling Gear Arrgtt.	01	-
15	SK.69503	Transition Screw Coupling Arrangement.	01	-
16	SK.69540	Underframe Details (Sheet-I)	01	-
17	SK.69541	Underframe Details (Sheet-II)	01	-
18	SK.69542	Underframe Details (Sheet-III)	01	-
19	Drg.2000/20A/M	Door Details.	08	A1
20	Drg.2045/81/M	Details of Joints of Roof, Carline and Body Stanchions.	02	-
21	SK.69543	Running Gear Details.	Nil	-
22	SK.113-58017	Laminated Bearing Spring. (9-Plates)	01	A1
23	*Drg.4000/22	Axle Box 130 mm Dia.20 Ton Roller Bearing	06	A1
24	*Drg.4000/23	Axle Box Body.	05	A1

25	*Drg.4000/24	Axle Box Details.	07	A1
26	SK.69544	Brake Details (Sheet-I)	Nil	-
27	SK.69545	Brake Details (Sheet-II)	Nil	-
28	SK.69546	Three Way Cock.	Nil	A1
29	*SK.69547 -	Details of Coupler, Yoke, Casting etc.		Nil
30	*SK.69504	Transition Screw Coupling Details.	10	A1
31	SK.69548	Side Buffer.	Nil	-
32	SK.69549	Marking Diagram.	Nil	-
33	SK.69577	Hand Brake Details.	Nil	A0

- for Guidance Only.

BOGIE COVERED WAGON TYPE ‘BCCNR’

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size
1	WD-00031- S-01	Index	01	A1
2	WD-00031-S-02	Diagram of Wagon Consist	Nil	A1
3.	WD-00031-S-03	General Arrangement A&B Wagon	Nil	A1
4	WD-00031-S-04	Body Side Arrangement (End Wagon -A)	Nil	A1
5	WD-00031-S-05	Body Side Arrangement (End Wagon -B)	Nil	A1
6	WD-00031-S-06	Body Side Sheet Details (A&B Wagon)	Nil	A1
7	WD-00031-S-07	Modified Side Door Arrangement & Details	01	A1
8	WD-00031-S-08	Modified Roof Arrangement & Details (A&B Wagon)	Nil	A1
9	WD-00031-S-09	End Swing Door Arrangement (A-Wagon –X End)	Nil	A1
10	WD-00031-S-10	Marking Diagram	Nil	A1
11	WD-00031-S-11	Brake Diagram	Nil	A1
12	WD-00031-S-50	Diagram (for speed certificate)	Nil	A1

BOGIE COVERED WAGON TYPE 'BCLM'

S. No.	Drawing No.	Description	Last No.	Alt.	Drg. Size
1.	WD-06025-S-01	Index	NIL		A1
2.	WD-06025-S-02	Diagram	02		A1
3.	WD-06025-S-03	General Arrangement	01		A1
4.	WD-06025-S-04	Under frame Arrangement	02		A1
5.	WD-06025-S-05	Under frame Details (sheet-I)	02		A1
6.	WD-06025-S-06	Under frame details (sheet-II)	02		A1
7.	WD-06025-S-07	Under frame details (sheet-III)	02		A1
8.	WD-06025-S-08	Brake diagram	01		A1
9.	WD-06025-S-09	Under frame brake gear arrangement	02		A1
10.	WD-06025-S-10	Under frame brake gear details	01		A1
11.	WD-06025-S-11	Center pivot and side bearer arrangement	NIL		A1
12.	WD-06025-S-12	Outer Hood Arrgt & Details	01		A1
13.	WD-06025-S-13	Inner Hood Arrgt & Details	01		A1
14.	WD-06025-S-14	Side Door Arrgt.	01		A1
15.	WD-06025-S-15	Side Door Details	01		A1
16.	WD-06025-S-16	End Door Arrgt & Details	01		A1
17.	WD-06025-S-17	Window & Louver Arrgt	01		A1
18.	WD-06025-S-18	Fitment of Air Brake Equipment & Pipe layout Sh-I	01		A1
19.	WD-06025-S-19	Fitment of Air Brake Equipment & Pipe layout Sh-II	01		A1
20.	WD-06025-S-20	Details for pipes for fitment of air brake equipment	02		A1
21.	WD-06025-S-21	Details for fitment of Air Brake Equipment	NIL		A1
22.	WD-06025-S-22	Marking Diagram	NIL		A1

BOGIE COVERED WAGON TYPE 'BCNHL' Design 'A'
(Single Pipe Arrangement with Hinge Door) IRS M-44

S. No.	Drawing No.	Description	Last No.	Alt.	Drg. Size
1.	WD-06076-S-01	Index	08		A1
2.	WD-06076-S-02	Diagram	07		A1
3.	WD-06076-S-03	General Arrangement	04		A1
4.	WD-06076-S-04	Under-frame Arrangement	05		A1
5.	WD-06076-S-05	Under-frame details (sheet-I)	07		A1
6.	WD-06076-S-06	Under-frame details (sheet-II)	02		A1
7.	WD-06076-S-07	Under-frame details (sheet-III)	04		A1
8.	WD-06076-S-08	Brake Gear Arrangement.	04		A1
9.	WD-06076-S-09	Brake Gear Details.	04		A1
10.	WD-06076-S-10	Brake Diagram	02		A1
11.	WD-06076-S-12	End Sub-Assembly and Details.	03		A1
12.	WD-06076-S-13	Body Side Arrangement & Details	05		A1
13.	WD-06076-S-14	Details of Stanchions & Carlines.	04		A1
14.	WD-06076-S-15	Roof Arrangement. and Details.	05		A1
15.	WD-06076-S-16	Door Arrangement.	03		A1
16.	WD-06076-S-17	Door Details.	02		A1
17.	WD-06076-S-18	Uncoupling Gear Arrangement.	04		A1
18.	WD-06076-S-19	Center pivot and side bearer Arrangement	03		A1
19.	WD-06076-S-20	Marking Diagram.	12		A1
20.	WD-06076-S-22	Fitment of graduated release Air Brake equipment and pipe layout	03		A1
21.	WD-06076-S-23	Details for pipes for fitment of Air Brake equipment	02		A1
22.	WD-06076-S-24	Details of fitment of Air Brake equipment	02		A1
23.	WD-06076-S-25	Hand Brake Arrangement.& Details.	03		A1
24.	WD-89007-S-83	Centre filler Arrangement and Details	04		A1
25.	WD-08066-S-01	CRF Sections	03		A1
26.	WD-09101-S-01	Centre filler Arrangement and Details for 8-Holes C.P. TOP.	01		A1
27.	WD-10013-S-01	Locking Arrangement on Existing Door at Sides.	02		A1
28.	WD-81010-S-03	Arrangement of High Tensile CBC.	13		A1
29.	WD-92058-S-01	Index of Bogie	04		A1
30.	WD-91030-S-01	A.P.D. for Bogie End pull rod.	01		A4

BOGIE COVERED WAGON TYPE 'BCNHL' Design-'B'
Twin Pipe Arrangement with Hinge Door (IRS M-44)

S. No.	Drawing No.	Description	Last No.	Alt.	Drg. Size
1.	WD-06076-S-01	Index	08		A1
2.	WD-06076-S-02	Diagram	07		A1
3.	WD-09088-S-06	General Arrangement for Twin pipe	02		A1
4.	WD-06076-S-04	Under-frame Arrangement	05		A1
5.	WD-06076-S-05	Under-frame details (sheet-I)	07		A1
6.	WD-06076-S-06	Under-frame details (sheet-II)	02		A1
7.	WD-06076-S-07	Under-frame details (sheet-III)	04		A1
8.	WD-06076-S-08	Brake Gear Arrangement.	04		A1
9.	WD-06076-S-09	Brake Gear Details.	04		A1
10.	WD-06076-S-10	Brake Diagram	02		A1
11.	WD-06076-S-12	End Sub-Assembly and Details.	03		A1
12.	WD-06076-S-13	Body Side Arrangement & Details	05		A1
13.	WD-06076-S-14	Details of Stanchion & Carlines.	04		A1
14.	WD-06076-S-15	Roof Arrangement. and Details.	05		A1
15.	WD-06076-S-16	Door Arrangement.	03		A1
16.	WD-06076-S-17	Door Details.	02		A1
17.	WD-06076-S-18	Uncoupling Gear Arrangement.	04		A1
18.	WD-06076-S-19	Center pivot and side bearer Arrangement.	03		A1
19.	WD-10003-S-01	Marking Diagram for twin pipe	10		A1
20.	WD-09088-S-01	Fitment of Graduated Release Air Brake equipment and Twin pipe layout	03		A1
21.	WD-09088-S-02	Details of pipes for fitment of Air Brake equipment	03		A1
22.	WD-09088-S-03	Details of fitment for Air Brake equipment	02		A1
23.	WD-06076-S-25	Hand Brake Arrangement.& Details.	03		A1
24.	WD-89007-S-83	Centre filler Arrangement and Details	04		A1
25.	WD-08066-S-01	CRF Sections for BCNHL	03		A1
26.	WD-09101-S-01	Centre filler Arrangement and Details for 8-Holes C.P. TOP.	01		A1
27.	WD-10013-S-01	Locking Arrangement on Existing Door at Sides.	02		A1
28.	WD-81010-S-03	Arrangement of High Tensile CBC.	13		A1
29.	WD-92058-S-01	Index of Bogie	04		A1
30.	WD-91030-S-01	A.P.D. for Bogie End pull rod.	01		A4

BOGIE COVERED WAGON TYPE 'BCNHL' Design-'C'
Twin Pipe Arrangement with Sliding Door (IRS M-44)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1.	WD-06076-S-01	Index	08	A1
2.	WD-06076-S-02	Diagram	07	A1
3.	WD-11012-S-01	General Arrangement for twin pipe	01	A1
4.	WD-11012-S-02	Under-frame Arrangement	01	A1
5.	WD-11012-S-03	Under-frame details (sheet-I)	01	A1
6.	WD-11012-S-04	Under-frame details (sheet-II)	Nil	A1
7.	WD-06076-S-07	Under-frame details (sheet-III)	04	A1
8.	WD-06076-S-08	Brake Gear Arrangement.	04	A1
9.	WD-06076-S-09	Brake Gear Details.	04	A1
10.	WD-06076-S-10	Brake Diagram	02	A1
11.	WD-06076-S-12	End Sub-Assembly and Details.	03	A1
12.	WD-11012-S-05	Body Side Arrangement & Details.	Nil	A1
13.	WD-11012-S-06	Details of Stanchion & Carlines.	Nil	A1
14.	WD-11012-S-07	Roof Arrangement. and Details.	Nil	A1
15.	WD-11012-S-08	Sliding Door Arrangement.	Nil	A1
16.	WD-11012-S-09	Sliding Door Assembly.	Nil	A1
17.	WD-11012-S-10	Sliding Door Details.	Nil	A1
18.	WD-11012-S-11	Wheel Assembly and spindle lock plate for sliding door Arrangement.	Nil	A1
19.	WD-10003-S-01	Marking Diagram.	10	A1
20.	WD-09088-S-01	Fitment of Graduated Release Air Brake equipment with Twin pipe layout.	03	A1
21.	WD-09088-S-02	Details for pipes for fitment of Air Brake equipment	03	A1
22.	WD-09088-S-03	Details of fitment of Air Brake equipment	02	A1
23.	WD-06076-S-25	Hand Brake Arrangement.& Details.	03	A1
24.	WD-06076-S-18	Uncoupling Gear Arrangement.	04	A1
25.	WD-11012-S-13	CRF Section	Nil	A1
26.	WD-09101-S-01	Centre filler Arrangement and Details for 8-Holes C.P. TOP.	01	A1
27.	WD-11012-S-14	Center pivot and side bearer arrangement	01	A1
28.	WD-81010-S-03	Arrangement of High Tensile CBC.	13	A1
29.	WD-92058-S-01	Index of Bogie	04	A1
30.	WD-91030-S-01	A.P.D. for Bogie End pull rod.	01	A4

BOGIE COVERED WAGON TYPE ‘ BCNHL’ Design-`D`

Twin Pipe arrangement with Sliding Door (IS:2062-E450 Quality-BR with Cu)

S. No.	Drawing No.	Description	Last No.	Alt.	Drg. Size
1.	WD-06076-S-01	Index	08		A1
2.	WD-06076-S-02	Diagram	07		A1
3.	WD-10068-S-03	General Arrangement for twin pipe	01		A1
4.	WD-10068-S-04	Under-frame Arrangement	01		A1
5.	WD-10068-S-05	Under-frame details (sheet-I)	02		A1
6.	WD-10068-S-06	Under-frame details (sheet-II)	Nil		A1
7.	WD-10068-S-07	Under-frame details (sheet-III)	01		A1
8.	WD-10068-S-08	Brake Gear Arrangement.	01		A1
9.	WD-10068-S-09	Brake Gear Details.	01		A1
10.	WD-10068-S-10	Brake Diagram	Nil		A1
11.	WD-10068-S-11	Hand Brake Arrangement.& Details.	Nil		A1
12.	WD-10068-S-12	End Sub-Assembly and Details.	Nil		A1
13.	WD-10068-S-13	Body Side Arrangement & Details	01		A1
14.	WD-10068-S-14	Details of Stanchions & Carlines.	Nil		A1
15.	WD-10068-S-15	Roof Arrangement. and Details.	01		A1
16.	WD-10068-S-16	Sliding Door Arrangement.	01		A1
17.	WD-10068-S-17	Sliding Door Assembly.	01		A1
18.	WD-10068-S-18	Sliding Door Details.	Nil		A1
19.	WD-10068-S-19	Wheel Assembly and spindle lock plate for sliding door Arrangement.	01		A1
20.	WD-10068-S-20	Marking Diagram.	08		A1
21.	WD-10068-S-21	Fitment of Graduated Release Air Brake equipment with Twin pipe layout.	01		A1
22.	WD-10068-S-22	Details for pipes for fitment of Air Brake equipment	01		A1
23.	WD-10068-S-23	Details of fitment for Air Brake equipment	01		A1
24.	WD-10068-S-24	Centre filler Arrangement and Details for 8-Holes C.P. TOP.	01		A1
25.	WD-10068-S-25	CRF Section	Nil		A1
26.	WD-10068-S-26	Uncoupling Gear Arrangement.	01		A1
27.	WD-10068-S-27	Center pivot and side bearer arrangement	01		A1
28.	WD-81010-S-03	Arrangement of High Tensile CBC.	13		A1
29.	WD-92058-S-01	Index of Bogie	04		A1
30.	WD-91030-S-01	A.P.D. for Bogie End pull rod.	01		A4

BOGIE COVERED WAGON TYPE ' BCNHL' Design-'E'**Twin Pipe arrangement with Sliding Door (IS:2062-E450 Quality-BR with Cu)& BMBS**

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1.	WD-06076-S-01	Index	08	A1
2.	WD-06076-S-02	Diagram	07	A1
3.	WD-11054-S-03	General Arrangement for twin pipe	01	A1
4.	WD-11054-S-04	Under-frame Arrangement	02	A1
5.	WD-11054-S-05	Under-frame details (sheet-I)	03	A1
6.	WD-11054-S-06	Under-frame details (sheet-II)	01	A1
7.	WD-11054-S-07	Under-frame details (sheet-III)	01	A1
8.	WD-11054-S-10	Brake Diagram	Nil	A1
9.	WD-11054-S-11	Hand Brake Arrangement.& Details.	01	A1
10.	WD-11054-S-12	End Sub-Assembly and Details.	Nil	A1
11.	WD-11054-S-13	Body Side Arrangement & Details	Nil	A1
12.	WD-11054-S-14	Details of Stanchion & Carlines.	Nil	A1
13.	WD-11054-S-15	Roof Arrangement. and Details.	Nil	A1
14.	WD-11054-S-16	Sliding Door Arrangement.	Nil	A1
15.	WD-11054-S-17	Sliding Door Assembly.	Nil	A1
16.	WD-11054-S-18	Sliding Door Details.	Nil	A1
17.	WD-11054-S-19	Wheel Assembly and spindle lock plate for sliding door Arrangement.	Nil	A1
18.	WD-10068-S-20	Marking Diagram.	08	A1
19.	WD-11054-S-21	Fitment of Graduated Release Air Brake equipment with Twin pipe layout.	01	A1
20.	WD-11054-S-22	Details of pipes for fitment of Air Brake equipment	02	A1
21.	WD-11054-S-23	Details of fitment for Air Brake equipment	02	A1
22.	WD-11054-S-24	Centre filler Arrangement and Details for 8-Holes C.P. TOP.	02	A1
23.	WD-11054-S-25	CRF Section	01	A1
24.	WD-11054-S-26	Uncoupling Gear Arrangement.	01	A1
25.	WD-11054-S-27	Center pivot and side bearer arrangement	01	A1
26.	WD-81010-S-03	Arrangement of High Tensile CBC.	13	A1
27.	WD-92058-S-01	Index of Bogie	04	A1

BOGIE COVERED WAGON TYPE ' BCNHL' Design-'F' (Salt Wagon)
With Sliding Roof & MBS

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1.	WD-14019-S-01	Index	02	A1
2.	WD-14019-S-02	Diagram	01	A1
3.	WD-14019-S-03	General Arrangement for twin pipe	Nil	A1
4.	WD-14019-S-04	Under-frame Arrangement	Nil	A1
5.	WD-14019-S-05	Under-frame details (sheet-I)	Nil	A1
6.	WD-14019-S-06	Under-frame details (sheet-II)	Nil	A1
7.	WD-14019-S-07	Under-frame details (sheet-III)	Nil	A1
8.	WD-14019-S-08	End Wall Arrangement .& Details for Upper Roof	01	A1
9.	WD-14019-S-09	End Wall Arrangement .& Details for Lower Roof	01	A1
10.	WD-14019-S-10	Body Side Arrangement	01	A1
11.	WD-14019-S-11	Body Side Details	01	A1
12.	WD-14019-S-12	Layout of Floor Plates.	Nil	A1
13.	WD-14019-S-13	Door Arrangement.	01	A1
14.	WD-14019-S-14	Door Details	01	A1
15.	WD-14019-S-15	Sliding Roof Arrangement .& Details (sheet-I)	01	A1
16.	WD-14019-S-16	Uncoupling Gear Arrangement.	01	A1
17.	WD-14019-S-17	Center pivot and side bearer arrangement	Nil	A1
18.	WD-14019-S-18	Marking Diagram.	06	A1
19.	WD-14019-S-19	Sliding Roof Arrangement .& Details (sheet-II)	01	A1
20.	WD-14019-S-20	Fitment of Graduated Release Air Brake equipment with pipe layout.	Nil	A1
21.	WD-14019-S-21	Details of Pipes for fitment of Air Brake equipment	01	A1
22.	WD-14019-S-22	Details of fitment of Air Brake equipment	Nil	A1
23.	WD-14019-S-23	Brake Diagram	01	A1
24.	WD-14019-S-24	Hand Brake Arrangement.& Details.	Nil	A1
25.	WD-14019-S-25	CRF Section	02	A1

BOGIE COVERED WAGON TYPE ' BCNHL' Design-`G`**Twin Pipe arrangement with Sliding Door (IS:2062-E450 Quality-BR with Cu)& BMBS**

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1.	WD-06076-S-01	Index	08	A1
2.	WD-06076-S-02	Diagram	07	A1
3.	WD-15003-S-01	General Arrangement for twin pipe	01	A1
4.	WD-15003-S-02	Under-frame Arrangement	02	A1
5.	WD-15003-S-03	Under-frame details (sheet-I)	04	A1
6.	WD-15003-S-04	Under-frame details (sheet-II)	Nil	A1
7.	WD-15003-S-05	Under-frame details (sheet-III)	01	A1
8.	WD-15003-S-06	Brake Diagram	Nil	A1
9.	WD-15003-S-07	Hand Brake Arrangement.& Details.	Nil	A1
10.	WD-15003-S-08	End Sub-Assembly and Details.	01	A1
11.	WD-15003-S-09	Body Side Arrangement & Details	02	A1
12.	WD-15003-S-10	Details of Stanchion & Carlines.	01	A1
13.	WD-15003-S-11	Roof Arrangement. and Details.	01	A1
14.	WD-15003-S-12	Two Part Sliding Door Arrangement.	01	A1
15.	WD-15003-S-13	Details of Two Part Sliding Door Arrangement	01	A1
16.	WD-15003-S-15	Marking Diagram.	09	A1
17.	WD-15003-S-16	Fitment of Graduated Release Air Brake equipment with Twin pipe layout.	01	A1
18.	WD-15003-S-17	Details for pipes for fitment of Air Brake equipment	01	A1
19.	WD-15003-S-18	Details of fitment for Air Brake equipment	01	A1
20.	WD-11054-S-24	Centre filler Arrangement and Details for 8-Holes C.P. TOP.	02	A1
21.	WD-15003-S-19	CRF Sections	02	A1
22.	WD-15003-S-20	Uncoupling Gear Arrangement.	01	A1
23.	WD-15003-S-21	Center pivot and side bearer arrangement	01	A1
24.	WD-81010-S-03	Arrangement of High Tensile CBC.	13	A1
25.	WD-92058-S-01	Index of Bogie	04	A1

BOGIE COVERED WAGON TYPE ‘ BCFC’ Design-A

Drawing No.	Description	Alt. No.	Drg. Size
WD-07054-S-01	Index	12	A1
WD-07054-S-02	Diagram	05	A1
WD-07054-S-03	General Arrangement	03	A1
WD-07054-S-04	Under frame Arrangement	02	A1
WD-07054-S-05	Under frame Details (Sheet-I)	01	A1
WD-07054-S-06	Under frame Details(Sheet-II)	NIL	A1
WD-07054-S-07	Hopper Box Arrangement	NIL	A1
WD-07054-S-08	Side wall Arrangement and Details	01	A1
WD-07054-S-09	End wall Arrangement and Details	01	A1
WD-07054-S-10	Roof Assembly and Details	01	A1
WD-07054-S-11	Slide plate Assembly and Details	NIL	A1
WD-07054-S-12	Platform & Ladder Arrangement and Details	01	A1
WD-07054-S-13	Inlet Assembly and Details	NIL	A1
WD-07054-S-14	Outlet Assembly and Details	NIL	A1
WD-07054-S-15	Air Slide Arrangement	NIL	A1
WD-07054-S-16	Air Slide Details sheet-I	NIL	A1
WD-07054-S-17	Air Slide Details sheet-II	NIL	A1
WD-07054-S-18	Air Slide Details sheet-III	NIL	A1
WD-07054-S-19	Fitment of Graduated Release Air Brake Equipment and pipe layout out.	03	A1
WD-07054-S-20	Uncoupling Gear Arrangement	01	A1
WD-07054-S-22	Marking Diagram	04	A1
WD-07054-S-23	Centre Pivot & Side Bearer Arrangement	02	A1
WD-07054-S-24	Pivot Filler Support on Under frame	01	A1

Drawing No.	Description	Alt. No.	Drg. Size
WD-07054-S-25	Details of Pipe for fitment of Layout of Graduated Release Air Brake Equipment.	03	A1
WD-07054-S-26	Details for fitment of Graduated Release Air Brake Equipment.	01	A1
WD-07054-S-27	Pipe lay out of Aeration System	NIL	A1
WD-07054-S-28	Aeration System pipe Details.	NIL	A1
WD-10021-S-01	Hand Brake Arrangement & Details.	01	A1
WD-10021-S-02	Locations of Strain Gauge for Squeeze load test	03	A1
WD-10021-S-03	Load Test Chart	01	A1
WD-10021-S-04	Bake Diagram.	01	A1
WD-92058-S-01	Index of 22 HS Bogie	04	A1
WD-81010-S-03	Arrangement High Tensile Centre Buffer Coupler	13	A1

BOGIE COVERED WAGON TYPE ‘ BCFC’ Design-B

DRAWING No.	DESCRIPTION	Alt. No.	Drg. Size
WD-07054-S-01	Index	12	A1
WD-07054-S-02	Diagram	05	A1
WD-13001-S-03	General Arrangement	03	A1
WD-13001-S-04	Under frame Arrangement	02	A1
WD-13001-S-05	Under frame Details (Sheet-I)	01	A1
WD-13001-S-06	Under frame Details(Sheet-II)	01	A1
WD-13001-S-07	Hopper Box Arrangement	NIL	A1
WD-13001-S-08	Side wall Arrangement and Details	NIL	A1
WD-13001-S-09	End wall Arrangement and Details	NIL	A1
WD-13001-S-10	Roof Assembly and Details	01	A1
WD-13001-S-11	Slide plate Assembly and Details	NIL	A1
WD-13001-S-12	Platform & Ladder Arrangement and Details	01	A1
WD-13001-S-13	Inlet Assembly and Details	NIL	A1
WD-13001-S-14	Outlet Assembly and Details	NIL	A1
WD-13001-S-15	Air Slide Arrangement	NIL	A1
WD-13001-S-16	Air Slide Details sheet-I	01	A1
WD-13001-S-17	Air Slide Details sheet-II	NIL	A1
WD-13001-S-18	Air Slide Details sheet-III	01	A1
WD-13001-S-19	Fitment of Graduated Release Air Brake Equipment and pipe layout.	03	A1
WD-13001-S-20	Uncoupling Gear Arrangement	01	A1
WD-13001-S-22	Marking Diagram	04	A1
WD-13001-S-23	Centre Pivot & Side Bearer Arrangement	02	A1
WD-13001-S-24	Pivot Filler Support on Under frame	NIL	A1
WD-13001-S-25	Details of Pipe for fitment of Layout of Graduated Release Air Brake Equipment.	02	A1

DRAWING No.	DESCRIPTION	Alt. No.	Drg. Size
WD-13001-S-26	Details for fitment of Graduated Release Air Brake Equipment.	02	A1
WD-13001-S-27	Pipe lay out of Aeration System	NIL	A1
WD-13001-S-28	Aeration System pipe Details.	NIL	A1
WD-13001-S-29	Hand Brake Arrangement & Details.	01	A1
WD-13001-S-30	Locations of Strain Gauge for Squeeze load test	NIL	A1
WD-13001-S-31	Load Test Chart	NIL	A1
WD-13001-S-32	Bake Diagram.	NIL	A1
WD-92058-S-01	Index of 22HS Bogie	04	A1
WD-81010-S-03	Arrangement High Tensile Centre Buffer Coupler	13	A1

BOGIE COVERED WAGON TYPE ‘ BCFC’ Design-D

DRAWING No.	DESCRIPTION	Alt. No.	Drg. Size
WD-07054-S-01	Index	12	A1
WD-14030-S-02	Diagram	01	A1
WD-14030-S-03	General Arrangement	02	A1
WD-14030-S-04	Under frame Arrangement	01	A1
WD-14030-S-05	Under frame Details (Sheet-I)	NIL	A1
WD-14030-S-06	Under frame Details(Sheet-II)	NIL	A1
WD-14030-S-07	Hopper Box Arrangement	NIL	A1
WD-14030-S-08	Side wall Arrangement and Details	NIL	A1
WD-14030-S-09	End wall Arrangement and Details	NIL	A1
WD-14030-S-10	Roof Assembly and Details	NIL	A1
WD-14030-S-11	Slide plate Assembly and Details	NIL	A1
WD-14030-S-12	Platform & Ladder Arrangement and Details	NIL	A1
WD-14030-S-13	Inlet Assembly and Details	NIL	A1
WD-14030-S-14	Outlet Assembly and Details	NIL	A1
WD-14030-S-15	Air Slide Arrangement	NIL	A1
WD-14030-S-16	Air Slide Details sheet-I	NIL	A1
WD-14030-S-17	Air Slide Details sheet-II	NIL	A1
WD-14030-S-18	Air Slide Details sheet-III	NIL	A1
WD-14030-S-19	Fitment of Graduated Release Air Brake Equipment and pipe layout.	02	A1
WD-14030-S-20	Uncoupling Gear Arrangement	01	A1
WD-14030-S-22	Marking Diagram	03	A1
WD-14030-S-23	Centre Pivot & Side Bearer Arrangement	01	A1
WD-14030-S-24	Pivot Filler Support on Under frame	NIL	A1
WD-14030-S-25	Details of Pipes for fitment of Graduated Release Air Brake Equipment.	02	A1

DRAWING No.	DESCRIPTION	Alt. No.	Drg. Size
WD-14030-S-26	Details for fitment of Graduated Release Air Brake Equipment.	01	A1
WD-14030-S-27	Pipe lay out of Aeration System	NIL	A1
WD-14030-S-28	Aeration System pipe Details.	NIL	A1
WD-14030-S-29	Hand Brake Arrangement & Details.	NIL	A1
WD-14030-S-30	Locations of Strain Gauge for Squeeze load test	NIL	A1
WD-14030-S-31	Load Test Chart	NIL	A1
WD-14030-S-32	Bake Diagram.	NIL	A1
WD-92058-S-01	Index of 22HS Bogie	04	A1
WD-81010-S-03	Arrangement of High Tensile Centre Buffer Coupler	13	A1

BOGIE COVERED WAGON TYPE 'BCFCM'/ BCFCM1 -Design 'E' with BMBS

DRAWING No.	DESCRIPTION	Alt. No.	Drg. Size
WD-07054-S-01	Index	12	A1
WD-15014-S-02	Diagram	08	A1
WD-15014-S-03	General Arrangement	05	A1
WD-15014-S-04	Under frame Arrangement	08	A1
WD-15014-S-05	Under frame Details (Sheet-I)	07	A1
WD-15014-S-06	Under frame Details(Sheet-II)	05	A1
WD-15014-S-07	Hopper Box Arrangement	03	A1
WD-15014-S-08	Side wall Arrangement and Details	05	A1
WD-15014-S-09	End wall Arrangement and Details	07	A1
WD-15014-S-10	Roof Assembly and Details	04	A1
WD-15014-S-11	Slide plate Assembly and Details	04	A1
WD-15014-S-12	Platform Ladder Arrangement and Details	03	A1
WD-15014-S-13	Inlet Assembly and Details	03	A1
WD-15014-S-14	Outlet Assembly and Details	04	A1
WD-15014-S-15	Air Slide Arrangement	03	A1
WD-15014-S-16	Air Slide Details sheet-I	05	A1
WD-15014-S-17	Air Slide Details sheet-II	04	A1
WD-15014-S-18	Air Slide Details sheet-III	05	A1
WD-15014-S-19	Fitment of Graduated Release Air Brake Equipment and pipe layout out.	08	A1
WD-15014-S-20	Uncoupling Gear Arrangement	04	A1
WD-15014-S-22	Marking Diagram	11	A1
WD-15014-S-23	Centre Pivot & Side Bearer Arrangement	05	A1
WD-15014-S-24	Pivot Filler Support on Under frame	03	A1
WD-15014-S-25	Details of Pipe for fitment of Layout of Graduated Release Air Brake Equipment.	04	A1
WD-15014-S-26	Details of Pipe for fitment of Layout of Graduated Release Air Brake Equipment.	05	A1

DRAWING No.	DESCRIPTION	Alt. No.	Drg. Size
WD-15014-S-27	Pipe lay out of Aeration System	05	A1
WD-15014-S-28	Aeration System pipe Details.	05	A1
WD-15014-S-29	Hand Brake Arrangement & Details.	06	A1
WD-10021-S-02	Locations of Strain Gauge for Squeeze load test	03	A1
WD-15014-S-31	Load Test Chart	04	A1
WD-15014-S-32	Bake Diagram.	05	A1
WD-92058-S-01	Index of 22HS Bogie	04	A1
WD-81010-S-03	Arrangement High Tensile Centre Buffer Coupler	13	A1
WD-19041-S-01	CRF Sections	02	A1

**BOGIE COVERED WAGON TYPE ‘ BCFCM’/ BCFCM1 -Design ‘E’ with
U/F Mounted Brake System**

DRAWING No.	DESCRIPTION	Alt. No.	Drg. Size
WD-07054-S-01	Index	12	A1
WD-15014-S-02	Diagram	08	A1
WD-23089-S-01	General Arrangement	Nil	A1
WD-23089-S-02	Underframe Arrangement	02	A1
WD-15014-S-05	Underframe Details (Sheet-I)	07	A1
WD-15014-S-06	Underframe Details(Sheet-II)	05	A1
WD-15014-S-07	Hopper Box Arrangement	03	A1
WD-15014-S-08	Side wall Arrangement and Details	05	A1
WD-15014-S-09	End wall Arrangement and Details	07	A1
WD-15014-S-10	Roof Assembly and Details	04	A1
WD-15014-S-11	Slide plate Assembly and Details	04	A1
WD-15014-S-12	Platform & Ladder Arrangement and Details	03	A1
WD-15014-S-13	Inlet Assembly and Details	03	A1
WD-15014-S-14	Outlet Assembly and Details	04	A1
WD-15014-S-15	Air Slide Arrangement	03	A1
WD-15014-S-16	Air Slide Details sheet-I	05	A1
WD-15014-S-17	Air Slide Details sheet-II	04	A1
WD-15014-S-18	Air Slide Details sheet-III	05	A1
WD-23089-S-03	Fitment of Graduated Release Air Brake Equipment and pipe layout out.	01	A1
WD-15014-S-20	Uncoupling Gear Arrangement	04	A1
WD-23089-S-04	Underframe Brake Gear Arrangement	01	
WD-15014-S-22	Marking Diagram	11	A1
WD-15014-S-23	Centre Pivot & Side Bearer Arrangement	05	A1
WD-15014-S-24	Pivot Filler Support on Under frame	03	A1
WD-23089-S-05	Details of Pipes for fitment of Graduated Release Air Brake Equipment.	01	A1
WD-23089-S-06	Details for fitment of Graduated Release Air Brake Equipment.	Nil	A1

DRAWING No.	DESCRIPTION	Alt. No.	Drg. Size
WD-15014-S-27	Pipe lay out of Aeration System	05	A1
WD-15014-S-28	Aeration System pipe Details.	05	A1
WD-23089-S-07	Hand Brake Arrangement & Details.	Nil	A1
WD-23089-S-08	Brake Shaft Assembly & Details	02	A1
WD-23089-S-09	Underframe Brake Gear Details	02	A1
WD-23089-S-10	Bake Diagram.	02	A1
WD-92058-S-01	Index of 22HS Bogie	04	A1
WD-81010-S-03	Arrangement High Tensile Centre Buffer Coupler	13	A1
WD-23089-S-11	Load Test Chart	Nil	A1
WD-19041-S-01	CRF Sections	02	A1
WD-10021-S-02	Locations of Strain Gauges for Squeeze Load Test	03	A1
WD-23089-S-12	Fitment of Load Sensing Device for general use on Bogie	Nil	A1
WD-01065-S-01	Load sensing device	Nil	A1

BOGIE COVERED WAGON TYPE 'BCACB'

DRAWING No.	DESCRIPTION	Alt. No.	Drg. Size
WD- 08001– S-00	Index	01	A1
WD- 08001– S-01	Diagram	0 2	A1
WD- 08001– S -02	General Arrangement (WAGON-A)	02	A1
WD- 08001– S - 03	General Arrangement (WAGON-B)	01	A1
WD- 08001– S - 04	Lower Deck frame Arrangement (WAGON-A)	01	A1
WD- 08001– S - 05	Floor plate ASM (WAGON-A)	NIL	A1
WD- 08001– S - 06	Upper Deck frame Arrangement (WAGON-A)	01	A1
WD- 08001– S - 07	Body Side Arrangement (WAGON-A)	01	A1
WD- 08001– S - 08	Roof ASM (WAGON-A)	01	A1
WD- 08001– S - 10	Upper Deck Swing Door ASM (WAGON-A)	01	A1
WD- 08001– S - 11	Flap Door Arrangement Lower Deck (WAGON-A)	NIL	A1
WD- 08001– S - 12	Lower Deck frame Arrangement (WAGON-B)	01	A1
WD- 08001– S - 13	Floor plate ASM (WAGON-B)	NIL	A1
WD- 08001– S - 14	Upper Deck frame Arrangement (WAGON-B)	NIL	A1
WD- 08001– S - 15	Body Side Arrangement (WAGON-B)	01	A1
WD- 08001– S - 16	Roof ASM (WAGON-B)	NIL	A1
WD- 08001– S - 17	Flap Door Arrangement Lower Deck (WAGON-B)	NIL	A1
WD- 08001– S - 18	Flap Door Arrangement Upper Deck (WAGON-B)	01	A1
WD- 08001– S - 19	Vestibule ASM	NIL	A1
WD- 08001– S - 20	Fitment of Graduated Release Air Brake Equipment and pipe lay out with BMBS (WAGON-A)	NIL	A1
WD- 08001– S - 21	Fitment of Graduated Release Air Brake Equipment and pipe lay out with BMBS (WAGON-B)	NIL	A1
WD- 08001– S - 22	Details of pipe for fitment of Graduated Release Air Brake Equipment. (BMBS)	0 1	A1

DRAWING No.	DESCRIPTION	Alt. No.	Drg. Size
WD- 08001– S - 23	Details for fitment of Graduated Release Air Brake Equipment. (BMBS)	NIL	A1
WD- 08001– S - 24	Marking Diagram (WAGON-A)	01	A1
WD- 08001– S - 25	Marking Diagram (WAGON-B)	01	A1
WD- 08001– S - 26	Uncoupling Gear Arrangement & Details	NIL	A1
WD- 08001– S - 27	Ramp assembly	NIL	A1
WD- 08001– S - 28	Detachable Ramp Assembly	NIL	A1

LIST OF CONSTRUCTION DRAWINGS
‘BCNAHSM1’, ‘BCNAHSM2’(Design-A,B& C)
(Z-Section Centre Sill with BMBS)
(Z-Section Centre Sill with Conventional Brake system for Upgraded CC)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-09056-S-01	INDEX	05	A1
2	WD-09056-S-11	Diagram	01	A1
3	WD-09056-S-02	General Arrangement	01	A1
4	WD-09056-S-03	Under Frame Arrangement.	02	A1
5	WD-09056-S-04	Under Frame Details sheet-I	02	A1
6	WD-90030-S-55	Under Frame Details sheet-II	06	A1
7	WD-09056-S-05	Under Frame Details sheet-III	02	A1
8	WD-09056-S-06	Brake Diagram	NIL	A1
9	WD-09056-S-07	Hand Brake Arrangement .	02	A1
10	WD-90030-S-60	Arrangement of floor plate	04	A1
11	WD-90030-S-61	End Sub-Assembly and Details	07	A1
12	WD-90030-S-62	Arrangement and Details of Body Side	05	A1
13	WD-90030-S-63	Details of Stanchions and Car lines.	06	A1
14	WD-90030-S-64	Roof Arrangement and Details	05	A1
15	WD-90030-S-65	Door Arrangement .	05	A1
16	WD-90030-S-66	Door Details	10	A1
17	WD-17029-S-12	Marking Diagram	09	A1
18	WD-90030-S-70	Details of Joints.	02	A1
19	WD-09056-S-08	Fitment of Air Brake Equipment and pipe layout	03	A1
20	WD-09056-S-09	Details of pipe for fitment of Air Brake Equipment.	03	A1
21	WD-09056-S-10	Details of fitment for Air Brake Equipment.	02	A1
22	WD-00046-S-01	Uncoupling Gear Arrangement	07	A1
23	WD-98033-S-01	Pivot Filler Support on Under frame	03	A1
24	WD-01011-S-52	Centre Pivot & Side Bearer Arrangement	06	A1
25	WD-92058-S-01	INDEX of Bogie	04	A1
26	WD-81010-S-03	Arrangement of High Tensile CBC	13	A1
27	WD-04007-S-01	Shower Test Arrangement	NIL	A1
28	WD-20024-S-04	Centre Pivot & Side Bearer Arrangement with Flat Centre Pivot (For BCNAHSM1, BCNAHSM2 wagon)	03	A1

LIST OF CONSTRUCTION DRAWINGS 'BCNAHSM1', 'BCNAHSM2'-
Design-D-
(Fabricated Box Centre Sill with BMBS)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-09056-S-01	INDEX	05	A1
2	WD-05084-S-04	Diagram	10	A1
3	WD-17029-S-01	General Arrangement	03	A1
4	WD-17029-S-02	Under Frame Arrangement.	05	A1
5	WD-17029-S-03	Under Frame Details sheet-I	04	A1
6	WD-17029-S-04	Under Frame Details sheet-II	04	A1
7	WD-17029-S-05	Under Frame Details sheet-III	03	A1
8	WD-17029-S-06	Brake Diagram	01	A1
9	WD-17029-S-07	Hand Brake Arrangement .	03	A1
10	WD-90030-S-60	Arrangement of floor plate	04	A1
11	WD-90030-S-61	End Sub-Assembly and Details	07	A1
12	WD-17029-S-08	Arrangement and Details of Body Side	02	A1
13	WD-17029-S-09	Details of Stanchions and Car lines.	03	A1
14	WD-90030-S-64	Roof Arrangement and Details	05	A1
15	WD-17029-S-10	Door Arrangement .	01	A1
16	WD-17029-S-11	Door Details	01	A1
17	WD-17029-S-12	Marking Diagram	09	A1
18	WD-17029-S-13	Details of Joints.	02	A1
19	WD-17029-S-14	Fitment of Air Brake Equipment and pipe layout	01	A1
20	WD-17029-S-15	Details of pipe for fitment of Air Brake Equipment.	02	A1
21	WD-17029-S-16	Details of fitment of Air Brake Equipment.	01	A1
22	WD-00046-S-01	Uncoupling Gear Arrangement	07	A1
23	WD-17029-S-17	Pivot Filler Support on Under frame	02	A1
24	WD-17029-S-18	Centre Pivot & Side Bearer Arrangement	01	A1
25	WD-92058-S-01	INDEX OF Bogie	04	A1
26	WD-81010-S-03	Arrangement of High Tensile CBC	13	A1
27	WD-17029-S-19	Load Test Chart	NIL	A1
28	WD-17029-S-20	Location of Strain Gauges for Squeeze Load Test	04	A1
29	WD-04007-S-01	Shower Test Arrangement	NIL	A1
30	WD-20024-S-04	Centre Pivot & Side Bearer Arrangement with Flat Centre Pivot (For BCNAHSM1, BCNAHSM2 wagon)	03	A1

LIST OF CONSTRUCTION DRAWINGS 'BCNAHSM1', 'BCNAHSM2'-**Design-E-****(Fabricated Box Centre sill with single cylinder conv. brake system & L-type brake block)**

S. No.	Drawing No.	Description	Last No.	Alt.	Drg. Size
1	WD-09056-S-01	INDEX	05		A1
2	WD-05084-S-04	Diagram	10		A1
3	WD-17029-S-01	General Arrangement	03		A1
4	WD-17029-S-02	Under Frame Arrangement.	05		A1
5	WD-17029-S-03	Under Frame Details sheet-I	04		A1
6	WD-17029-S-04	Under Frame Details sheet-II	04		A1
7	WD-17029-S-05	Under Frame Details sheet-III	03		A1
8	WD-90030-S-59	Brake Diagram	06		A1
9	WD-90030-S-60	Arrangement of floor plate	04		A1
10	WD-90030-S-61	End Sub-Assembly and Details	07		A1
11	WD-17029-S-08	Arrangement and Details of Body Side	02		A1
12	WD-17029-S-09	Details of Stanchions and Car lines.	03		A1
13	WD-90030-S-64	Roof Arrangement and Details	05		A1
14	WD-17029-S-10	Door Arrangement .	01		A1
15	WD-17029-S-11	Door Details	01		A1
16	WD-17029-S-12	Marking Diagram	09		A1
17	WD-17029-S-13	Details of Joints.	02		A1
18	WD-90030-S-71 (Sh.-I of II)	Fitment for Air Brake Equipment & Pipe Layout	01		
19	WD-90030-S-71 (Sh.-II of II)	Fitment for Air Brake Equipment & Pipe Layout	06		
20	WD-90030-S-72	Details of Pipes for Fitment of Air Brake Equipment	04		
21	WD-90030-S-73	Details of Fitment for Air Brake Equipment	07		
22	WD-00046-S-01	Uncoupling Gear Arrangement	07		A1
23	WD-17029-S-17	Pivot Filler Support on Under frame	02		A1
24	WD-17029-S-18	Centre Pivot & Side Bearer Arrangement	01		A1
25	WD-92058-S-01	Index of Bogie	04		A1
26	WD-81010-S-03	Arrangement of High Tensile CBC	13		A1
27	WD-17029-S-19	Load Test Chart	NIL		A1
28	WD-17029-S-20	Location of Strain Gauges for Squeeze Load Test	04		A1
29	WD-04007-S-01	Shower Test Arrangement	NIL		A1
30	WD-20024-S-04	Centre Pivot & Side Bearer Arrangement with Flat Centre Pivot (For BCNAHSM1, BCNAHSM2 wagon)	03		A1
31	WD-90030-S-57	Brake Gear Arrangement & details	10		
32	WD-90030-S-58	Brake Gear Arrangement & details	11		

LIST OF CONSTRUCTION DRAWINGS ‘BCNAHSM1’, ‘BCNAHSM2’-**Design-F-****(Fabricated Box Centre Sill with 2BC & 2 SAB Conv. Brake System & K-Type Brake Block.)**

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-09056-S-01	INDEX	05	A1
2	WD-05084-S-04	Diagram	10	A1
3	WD-17029-S-01	General Arrangement	03	A1
4	WD-23040-S-01	Under Frame Arrangement.	01	A1
5	WD-17029-S-03	Under Frame Details sheet-I	04	A1
6	WD-17029-S-04	Under Frame Details sheet-II	04	A1
7	WD-17029-S-05	Under Frame Details sheet-III	03	A1
8	WD-23040-S-03	Brake Diagram	01	A1
9	WD-90030-S-60	Arrangement of floor plate	04	A1
10	WD-90030-S-61	End Sub-Assembly and Details	07	
11	WD-17029-S-08	Arrangement and Details of Body Side	02	A1
12	WD-17029-S-09	Details of Stanchions and Car lines.	03	A1
13	WD-90030-S-64	Roof Arrangement and Details	05	A1
14	WD-17029-S-10	Door Arrangement .	01	A1
15	WD-17029-S-11	Door Details	01	A1
16	WD-17029-S-12	Marking Diagram	09	A1
17	WD-17029-S-13	Details of Joints.	02	A1
18	WD-23040-S-04	Fitment of Air Brake Equipment and with twin pipe layout	NIL	A1
19	WD-23040-S-05	Details of pipe for fitment of Air Brake Equipment.	NIL	A1
20	WD-00046-S-01	Uncoupling Gear Arrangement	07	A1
21	WD-17029-S-17	Pivot Filler Support on Under frame	02	A1
22	WD-17029-S-18	Centre Pivot & Side Bearer Arrangement	01	A1
23	WD-92058-S-01	Index of Bogie	04	A1
24	WD-81010-S-03	Arrangement of High Tensile CBC	13	A1
25	WD-17029-S-19	Load Test Chart	NIL	
26	WD-17029-S-20	Location of strain gauges for Squeeze Load Test	04	A1
27	WD-04007-S-01	Shower Test Arrangement	NIL	
28	WD-20024-S-04	Centre Pivot & Side Bearer Arrangement with Flat Centre Pivot (For BCNAHSM1, BCNAHSM2 wagon)	03	A1
29	WD-23040-S-02	Brake Gear Arrgt. & details (for 2 Brake Cylinder with Brake System)	01	A1

BOGIE COVERED WAGON TYPE ‘ BCACBM’ Design -A

DRAWING No.	DESCRIPTION	Alt. No.	Drg. Size
WD-11013-S-00	Index	03	A1
WD-11013-S-01	Diagram	03	A1
WD-11013-S-02	General Arrangement (WAGON-A & B)	01	A1
WD-11013-S-03	Lower Deck frame Arrangement (WAGON-A)	06	A1
WD-11013-S-04	Lower Deck frame Arrangement (WAGON-B)	03	A1
WD-11013-S-05	Upper Deck frame Arrangement & Details (WAGON-A & B)	04	A1
WD-11013-S-06	Lower Deck frame Details (Sheet –I) (WAGON-A & B)	04	A1
WD-11013-S-07	Lower Deck frame Details (Sheet –II) (WAGON-A & B)	01	A1
WD-11013-S-08	Lower Deck frame Details (Sheet –III) (WAGON-A & B)	02	A1
WD-11013-S-09	Floor plate Arrangement & Details of Lower Deck (WAGON-A & B)	03	A1
WD-11013-S-10	Body Slide Arrangement & Details (WAGON-A)	04	A1
WD-11013-S-11	Body Slide Arrangement & Details (WAGON-B)	04	A1
WD-11013-S-12	End flap Arrangement & Details (WAGON-A & B)	04	A1
WD-11013-S-13	Roof Arrangement & Details (WAGON-A & B)	05	A1
WD-11013-S-14	Lifting Arrangement & Details of Upper Deck (WAGON-A & B)	03	A1
WD-11013-S-15	End Swing Door Arrangement (WAGON-A & B)	04	A1
WD-11013-S-16	End Swing Door Details (WAGON-A & B)	06	A1
WD-11013-S-17	Brake Gear Arrangement (WAGON-A & B)	03	A1
WD-11013-S-18	Brake Gear Details	05	A1
WD-11013-S-19	Fitment of Brake Equipment and pipe layout (WAGON-A)	05	A1
WD-11013-S-20	Fitment of Brake Equipment and pipe layout (WAGON-B)	05	A1
WD-11013-S-21	Details of pipes for fitment of Air Brake Equipment.	05	A1
WD-11013-S-22	Details for fitment of Air Brake Equipment.	03	A1
WD-11013-S-23	Brake Diagram	02	A1
WD-11013-S-24	Uncoupling Gear Arrangement & Details	03	A1
WD-11013-S-25	Centre Pivot & Side Bearer Arrangement (WAGON-A & B)	05	A1
WD-11013-S-26	Marking Diagram	10	A1
WD-81010-S-03	Arrangement of High Tensile CBC. (NON-Transition)	13	A1
WD-12032-S-01	Static Load Test	NIL	A1

BOGIE COVERED WAGON TYPE ‘ BCACBM’ Design-B
(with Corrugated Roof Sheet & Upper Deck Floor Plate)

DRAWING No.	DESCRIPTION	Alt. No.	Drg. Size
WD-11013-S-00	Index	03	A1
WD-11013-S-01	Diagram	03	A1
WD-17002-S-01	General Arrangement (WAGON-A & B)	02	A1
WD-17002-S-02	Lower Deck frame Arrangement (Sheet 1 of 2) (WAGON-A)	03	A1
WD-17002-S-03	Lower Deck frame Arrangement (Sheet 2 of 2) (WAGON-A)	04	A1
WD-17002-S-04	Lower Deck frame Arrangement (WAGON-B)	03	A1
WD-17002-S-05	Upper Deck Arrangement & Details (Sheet 1 of 2)(WAGON-A & B)	02	A1
WD-17002-S-06	Upper Deck Arrangement & Details (Sheet –2 of 2) (WAGON-A & B)	03	A1
WD-17002-S-07	Lower Deck frame Details (Sheet –I) (WAGON-A & B)	06	A1
WD-17002-S-08	Lower Deck frame Details (Sheet –II) (WAGON-A & B)	01	A1
WD-17002-S-09	Lower Deck frame Details (Sheet –III) (WAGON-A & B)	01	A1
WD-17002-S-10	Lower Deck frame Details (Sheet –IV) (WAGON-A & B)	01	A1
WD-17002-S-11	Floor plate Arrangement & Details of Lower Deck (WAGON-A & B)	02	A1
WD-17002-S-12	Body Side Arrangement & Details (Sheet 1 of 2) (WAGON-A)	01	A1
WD-17002-S-13	Body Side Arrangement & Details (Sheet 2 of 2) (WAGON-A)	02	A1
WD-17002-S-14	Body Side Arrangement & Details (WAGON-B)	02	A1
WD-17002-S-15	End flap Arrangement & Details (WAGON-A & B)	05	A1
WD-17002-S-16	Roof Arrangement & Details (Sheet 1 of 2) (WAGON-A & B)	01	A1
WD-17002-S-17	Roof Arrangement & Details (Sheet 2 of 2) (WAGON-A & B)	01	A1
WD-17002-S-18	Lifting Arrangement & Details of Upper Deck (WAGON-A & B)	03	A1
WD-17002-S-19	End Swing Door Arrangement (WAGON-A & B)	02	A1
WD-17002-S-20	End Swing Door Details (WAGON-A & B)	03	A1
WD-11013-S-17	Brake Gear Arrangement (WAGON-A & B)	03	A1
WD-11013-S-18	Brake Gear Details	05	A1
WD-11013-S-19	Fitment of Air Brake Equipment and pipe layout (WAGON-A)	05	A1
WD-11013-S-20	Fitment of Air Brake Equipment and pipe layout (WAGON-B)	05	A1
WD-11013-S-21	Details of pipe for fitment of Air Brake Equipment.	05	A1
WD-11013-S-22	Details of fitment of Air Brake Equipment.	03	A1
WD-11013-S-23	Brake Diagram	02	A1
WD-11013-S-24	Uncoupling Gear Arrangement & Details	03	A1
WD-11013-S-25	Centre Pivot & Side Bearer Arrangement (WAGON-A & B)	05	A1
WD-11013-S-26	Marking Diagram	09	A1
WD-81010-S-03	Arrangement of High Tensile CBC. (NON-Transition)	13	A1
WD-12032-S-01	Static Load Test.	NIL	A1

List Of Construction Drawings- PARCEL VAN 'BCPVN'
(Twin Pipe, Sliding Door with Conventional brake)

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size
1	WD-13037-S-01	Index of 'BCPVN'	01	A1
2	WD-13037-S-02	Diagram.	07	A1
3	WD-22007-S-01	General Arrangement.	01	A1
4	WD-22007-S-02	Under frame Arrangement.	Nil	A1
5	WD-22007-S-03	Under frame Details (Sheet- I)	Nil	A1
6	WD-22007-S-04	Under frame Details (Sheet- II)	Nil	A1
7	WD-22007-S-05	Under frame Details (Sheet- III)	Nil	A1
8	WD-22007-S-06	Under frame brake gear Arrangement	Nil	A1
9	WD-22007-S-07	Under frame Brake Gear Details.	Nil	A1
10	WD-22007-S-08	Brake Diagram.	Nil	A1
11	WD-22007-S-09	Fitment of Graduated Release Air Brake Equipment. With Twin pipe layout.	Nil	A1
12	WD-22007-S-10	Details of pipes for Fitment of Air Brake Equipment	Nil	A1
13	WD-22007-S-11	Details of fitment for Air Brake Equipment	Nil	A1
14	WD-22007-S-12	Floor plate Arrangement	Nil	A1
15	WD-13037-S-11	End sub assembly and details	03	A1
16	WD-13037-S-12	Body side arrangement and details	02	A1
17	WD-13037-S-13	Details of stanchions and car lines	04	A1
18	WD-13037-S-14	Roof arrangement and details .	02	A1
19	WD-13037-S-15	Sliding Door arrangement	Nil	A1
20	WD-13037-S-16	Sliding Door Details	Nil	A1
21	WD-13037-S-17	Marking Diagram.	04	A1
22	WD-13037-S-21	CRF Sections	02	A1
23	WD-13037-S-22	Uncoupling Gear Arrangement	01	A1
24	WD-13037-S-23	Centre Pivot & Side Bearer Arrangement	02	A1
25	WD-81010-S-03	Arrangement High Tensile Centre Buffer Coupler	13	A1
26	WD-92058-S-01	Index of Bogie	04	A1

BOGIE COVERED AUTOCAR TALLER WAGON TYPE ‘ ACT1’

S. No.	Drawing No.	Description	Latest Alt. No.	Drg. Size
1	WD-22073-S-01	INDEX	02	A1
2	WD-22029-S-01	Diagram	03	A1
3	WD-22073-S-02	General Arrangement	02	A1
4	WD-22073-S-03	Under Frame Arrangement.	01	A1
5	WD-22073-S-04	Under Frame Details (Sheet-I)	01	A1
6	WD-22073-S-05	Under Frame Details (Sheet-II)	01	A1
7	WD-22073-S-06	Floor Plate Arrangement	01	A1
8	WD-22073-S-07	Floor Plate Details	01	A1
9	WD-22073-S-08	Body Side Arrangement	02	A1
10	WD-22073-S-09	Body Side Details	01	A1
11	WD-22073-S-10	Upper Deck Arrangement	01	A1
12	WD-22073-S-11	Upper Deck Details	01	A1
13	WD-22073-S-12	Roof Arrangement and Details	02	A1
14	WD-22073-S-13	End Door Arrangement	01	A1
15	WD-22073-S-14	End Door Details	01	A1
16	WD-22073-S-15	End Flap Arrangement & Details	01	A1
17	WD-22073-S-16	Brake Gear Arrangement	01	A1
18	WD-22073-S-17	Brake Gear Details	02	A1
19	WD-22073-S-18	Fitment of Air Brake Equipment and Pipe Layout	01	A1
20	WD-22073-S-19	Details of Fitment of Air Brake Equipment.	01	A1
21	WD-22073-S-20	Details of Pipes for Fitment of Air Brake Equipment.	01	A1
22	WD-22073-S-21	Brake Diagram	01	A1
23	WD-22073-S-22	Uncoupling Gear Arrangement & Details	02	A1
24	WD-22073-S-23	Centre Pivot & Side Bearer Arrangement	02	A1
25	WD-22073-S-24	Marking Diagram	03	A1
26	WD-22073-S-25	Static Load Test Chart	01	A1
27	CONTR-9404-S-01	Index Drawing of Cast Steel Bogie LCCF-20(C)	06	A1
28	WD-81010-S-03	Arrangement of High Tensile CBC (Non-Transition)	13	A1
29	WD-23055-S-01	Lashing Arrangement & Details	02	A1

BOGIE RAIL WAGON (B.G.)

S. No.	Type of Wagon	Page No.
1	BRN Design-`A`	102
2	BRNM1 (Design-E)	103
3	BRNA / BRNAHS Design-`B`	104
4	BRNAM1 (Design-F)	105
5	BRN-22.9 Design-`C` (with BMBS)	106
6	BRN-22.9 M1 Design-`D`	107
7	BRN-22.9 M1 Design-`G` (Conventional , UMBS)	108
8	BFNS / BFNS22.9	109
9	FLATCOIL3	110
10	BFNSM 22.9	111
11	BFNSM1	111
12	BFNSM22.9/BFNSM1 (with UMBS)	112
13	BFNV	113
14	BRH	114-115
15	BRHCS	116
16	BRST	117-118
17	BRST (FITTED WITH AIR BRAKE)	119
18	BRTB	120
19	BRTA	121
20	BRHNEHS	122
21	BRHNEHS (BMBS)	123
22	BRSTN	124
23	BRN25t.	125
24	BCACM	126
25	BRPN	127
26	FMPA	128
27	FMPB	129
28	BFWP	130
29	CMP	131

List of Construction Drawings 'BRN' Design-A

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-84013-S-0	Index BRN and its variants	08	A1
2	WD-84013-S-01	Diagram.	09	A1
3	WD-84013-S-02	General Arrangement.	09	A1
4	WD-84013-S-03	Under frame Arrangement.	07	A1
5	WD-84013-S-04	Under frame Brake Gear Arrangement.	12	A1
6	WD-84013-S-05 (Sh-1)	Fitment of Air Brake Equipment & Pipe Layout	04	A1
7	WD-84013-S-05 (Sh-2)	Fitment of Air Brake Equipment & Pipe Layout	06	
8	WD-84013-S-06	Under frame Brake Gear Details.	08	A3
9	WD-84013-S-07	Under frame details.	10	A1
10	WD-84013-S-08	Details of Pipes & Graduated Release Air Brake Equipment.	08	A1
11	WD-84013-S-09	Fitment of Graduated Release Air Brake Equipment & Pipe Layout Details.	06	A1
12	WD-84013-S-10	Anti-pilferage Device for Distributor Valve of Different Makes	05	A1
13	WD-84013-S-11	Brake Diagram.	07	A1
14	WD-84013-S-12	Marking Diagram.	13	A1
15	WD-84013-S-13	Arrangement of CBC & Uncoupling Gear(Non-Transition)	01	A1
16	WD-84013-S-14	Arrangement of Centre Pivot & Side Bearer (read with Drg No.WD-84013-S-03)	07	A1
17	WD-84013-S-15	End Arrangement.	08	A1
18	WD-90096-S-01	Index Drawing of CASNUB 22 NLB Bogie	04	A1
19	WD-81010-S-03	Arrangement of high tensile coupler (non- transition type)	13	A1
20	WD-91030-S-01	A.P.D. for Bogie End pull rod.	01	A4
21	WD-16073-S-01	Side Bracket for Wider Plate	NIL.	A4

List of Construction Drawings 'BRNM1' Design-E

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-84013-S-0	Index BRN and its variants	08	A1
2	WD-84013-S-01	Diagram.	09	A1
3	WD-84013-S-02	General Arrangement.	09	A1
4	WD-84013-S-03	Under frame Arrangement.	07	A1
5	WD-84013-S-04	Under frame Brake Gear Arrangement.	12	A1
6	WD-84013-S-05	Fitment of Air Brake Equipment & Pipe Layout	06	A1
7	WD-84013-S-06	Under frame Brake Gear Details.	08	A3
8	WD-84013-S-07	Under frame details.	10	A1
9	WD-84013-S-08	Details of Pipes & Graduated Release Air Brake Equipment.	08	A1
10	WD-84013-S-09	Fitment of Graduated Release Air Brake Equipment & Pipe Layout Details.	06	A1
11	WD-84013-S-10	Anti-pilferage Device for Distributor Valve of Different Makes	05	A1
12	WD-84013-S-11	Brake Diagram.	07	A1
13	WD-22040-S-01	Marking Diagram.	NIL	A1
14	WD-84013-S-13	Arrangement of CBC & Uncoupling Gear(Non-Transition)	01	A1
15	WD-20024-S-01	Arrangement of Centre Pivot & Side Bearer	01	A1
16	WD-84013-S-15	End Arrangement.	08	A1
17	WD-90096-S-01	Index Drawing of CASNUB 22 NLB Bogie	04	A1
18	WD-81010-S-03	Arrangement of high tensile coupler (non- transition type)	13	A1
19	WD-91030-S-01	A.P.D. for Bogie End pull rod.	01	A4
20	WD-16073-S-01	Side Bracket for Wider Plate	NIL.	A4

List Of Construction Drawings 'BRNA' /'BRNAHS' (DESIGN-'B')

S. No.	Drawing No.	Description	Last Alt. No.	Drg. size
1	WD-84013-S-0	Index BRN and its variants	08	A1
2	WD-92004-S-02	Diagram.	10	A1
3	WD-92004-S-03	General Arrangement.	12	A1
4	WD-92004-S-04	Underframe Arrangement (Sheet-I)	06	A1
5	WD-92004-S-05	Underframe Arrangement.(Sheet-II)	05	A1
6	WD-92004-S-06	Underframe Details (Sheet-I)	05	A1
7	WD-92004-S-07	Underframe details (Sheet-II)	06	A1
8	WD-92004-S-08	Underframe Details (Sheet-III)	04	A1
9	WD-92004-S-09	Centre Pivot & Side Bearer Arrangement. (for BRNA wagon)	05	A1
10	WD-92004-S-10	Brake Diagram.	04	A1
11	WD-92004-S-11	Underframe Brake gear Arrangement.	08	A1
12	WD-92004-S-12	Underframe Brake Gear Details.	04	A3
13	WD-92004-S-13	Fitment of Air Brake Equipment and Pipe Layout.	04	A1
14	WD-92004-S-14	Details of Pipe for Fitment of Air Brake Equipment.	04	A1
15	WD-92004-S-15	Details of Fitment of Air Brake Equipment	06	A1
16	WD-00046-S- 01	Uncoupling Gear Arrangement	07	A1
17	WD-92004-S-18	End Arrangement.	12	A1
18	WD-92004-S-19	Marking Diagram.	11	A1
19	WD-02009-S- 01	Centre Pivot Side Bearer Arrangement for 'BRNAHS' wagon	05	A1
20	WD-94038-S-01	Side bracket with links for securing steel plant Consignments.	04	A3
21	WD-90096-S-01	Index. OF CASNUB 22 NLB Bogie	04	A1
22	WD-92058-S-01	Index. OF CASNUB 22 HS Bogie	04	A1
23	WD-81010-S-03	Arrangement CBC	13	A1
24	WD-91030-S-01	Anti- Pilferage device for Bogie End Pull Rod	01	A4

List Of Construction Drawings 'BRNAM1' (DESIGN-'F')

S. No.	Drawing No.	Description	Last Alt. No.	Drg. size
1	WD-84013-S-0	Index BRN and its variants	08	A1
2	WD-92004-S-02	Diagram.	10	A1
3	WD-92004-S-03	General Arrangement.	12	A1
4	WD-92004-S-04	Underframe Arrangement (Sheet-I)	06	A1
5	WD-92004-S-05	Underframe Arrangement.(Sheet-II)	05	A1
6	WD-92004-S-06	Underframe Details (Sheet-I)	05	A1
7	WD-92004-S-07	Underframe details (Sheet-II)	06	A1
8	WD-92004-S-08	Underframe Details (Sheet-III)	04	A1
9	WD-20024-S-01	Centre Pivot & Side Bearer Arrangement.	01	A1
10	WD-92004-S-10	Brake Diagram.	04	A1
11	WD-92004-S-11	Underframe Brake gear Arrangement.	08	A1
12	WD-92004-S-12	Underframe Brake Gear Details.	04	A3
13	WD-92004-S-13	Fitment of Air Brake Equipment and Pipe Layout.	04	A1
14	WD-92004-S-14	Details of Pipe for Fitment of Air Brake Equipment.	04	A1
15	WD-92004-S-15	Details of Fitment of Air Brake Equipment	06	A1
16	WD-00046-S- 01	Uncoupling Gear Arrangement	07	A1
17	WD-92004-S-18	End Arrangement.	12	A1
18	WD-21027-S-01	Marking Diagram.	NIL	A1
19	WD-94038-S-01	Side bracket with links for securing steel plant Consignments.	04	A3
20	WD-90096-S-01	Index. OF CASNUB 22 NLB Bogie	04	A1
21	WD-81010-S-03	Arrangement of high tensile coupler (non transition type)	13	A1
22	WD-91030-S-1	Anti- Pilferage device for Bogie End Pull Rod	01	A4

List of Construction Drawings 'BRN 22.9'/ Design 'C' with BMBS

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-84013-S-0	Index BRN and its variants	08	A1
2	WD-09053-S-02	Diagram	05	A1
3	WD-09053-S-03	General Arrangement	09	A1
4	WD-09053-S-04	Under Frame Arrangement.	05	A1
5	WD-09053-S-05	Under Frame Details sheet-I	07	A1
6	WD-09053-S-06	Under Frame Details sheet-II	06	A1
7	WD-09053-S-07	Under Frame Details sheet-III	08	A1
8	WD-09053-S-08	UnderFrame /Hand Brake Gear Arrangement and Details	03	A1
9	WD-09053-S-09	Brake Diagram	02	A1
10	WD-09053-S-10	Uncoupling Gear Arrangement.	02	A1
11	WD-09053-S-11	Fitment of air brake equipment and pipe Layout	04	A1
12	WD-09053-S-12 (sheet-I)	Details of pipe and Air Brake Equipment.	04	A1
13	WD-09053-S-12 (sheet-II)	Details of pipe and Air Brake Equipment.	01	A1
14	WD-09053-S-13	End Arrangement.	10	A1
15	WD-09053-S-14	Marking Diagram.	09	A1
16	WD-09053-S-15	Side bracket with links for steel Consignments.	02	A1
17	WD-09053-S-16	Centre pivot & Side Barer Arrangement	01	A1
18	WD-81010-S-03	Arrangement of High Tensile Centre Buffer Coupler (non- transition type)	13	A1
19	SK-66511	Railway Initials in Hindi.	01	A1
20	SK-63720	PRO/PR Stencil	01	A3
21	WD-10072-S-01	CRF Section	06	A1
22	WD-10072-S-02	STATIC LOAD Test	03	A1
23	WD-10092-S-01	Location of strain Gauges for Squeeze load test.	02	A1
24	WD-92058-S-01	Index. OF CASNUB 22 HS Bogie	04	A1
25	WD-12028-S-01	Floor Plate Arrangement and Details	Nil.	A1

List Of Construction Drawings 'BRN 22.9 M1' / Design 'D'

S. No.	Drawing No.	Description	Last Alt. No.	Drawing Size
1	WD-84013-S-0	Index	08	A1
2	WD-09053-S-02	Diagram	05	A1
3	WD-09053-S-03	General Arrangement	09	A1
4	WD-09053-S-04	Under Frame Arrangement	05	A1
5	WD-09053-S-05	UnderFrame Details (Sheet-I)	07	A1
6	WD-09053-S-06	UnderFrame Details (Sheet-II)	06	A1
7	WD-09053-S-07	Under Frame Details (Sheet-III)	08	A1
8	WD-09053-S-08	UnderFrame /Hand Brake Gear Arrangement & Details	03	A1
9	WD-09053-S-09	Brake Diagram	02	A1
10	WD-09053-S-10	Uncoupling Gear Arrangement	02	A1
11	WD-09053-S-11	Fitment Of Air Brake Equipment & Pipe Layout	04	A1
12	WD-09053-S-12 (Sheet-1 of 2)	Details of Pipe & Air Brake Equipment	04	A1
13	WD-09053-S-12 (Sheet-2 of 2)	Details of Pipe & Air Brake Equipment	01	A1
14	WD-09053-S-13	End Arrangement	10	A1
15	WD-21007-S-01	Marking Diagram	02	A1
16	WD-09053-S-15	Side Bracket With Links For Steel Consignments	02	A1
17	WD-20024-S-05	Centre Pivot And Side Bearer Arrangement	01	A1
18	WD-81010-S-03	Arrangement Of High Tensile Coupler (Non –Transition Type)	13	A1
19	SK-66511	Railways Initials In Hindi	01	A1
20	SK-63720	PRO/PR Stencil	01	A3
21	WD-10072-S-01	CRF Sections	06	A1
22	WD-10072-S-02	Static Load Test	03	A1
23	WD-10092-S-01	Locations Of Strain Gauges For Squeeze Load Test	02	A1
24	WD-04078-S-01	GA Drawing Of CASNUB 22 HS Bogie	04	A1
25	WD-12028-S-01	Floor Plate Arrangement & Details	NIL	A1

List Of Construction Drawings 'BRN 22.9 M1'/ Design 'G' (Conventional UMBS)

S. No.	Drawing No.	Description	Last Alt. No.	Drawing Size
1	WD-84013-S-0	Index	08	A1
2	WD-09053-S-02	Diagram	05	A1
3	WD-09053-S-03	General Arrangement	09	A1
4	WD-23036-S-04	Under Frame Arrangement	01	A1
5	WD-23036-S-05	UnderFrame Details (Sheet-I)	01	A1
6	WD-23036-S-06	UnderFrame Details (Sheet-II)	NIL	A1
7	WD-09053-S-07	Under Frame Details (Sheet-III)	08	A1
8	WD-23036-S-02	UnderFrame /Hand Brake Gear Arrangement & Details	01	A1
	WD-23036-S-03		01	
9	WD-23036-S-01	Brake Diagram	01	A1
10	WD-09053-S-10	Uncoupling Gear Arrangement	02	A1
11	WD-23036-S-07	Fitment Of Air Brake Equipment & Pipe Layout	NIL	A1
12	WD-23036-S-08	Details of Pipe & Air Brake Equipment	Nil	A1
14	WD-09053-S-13	End Arrangement	10	A1
15	WD-21007-S-01	Marking Diagram	02	A1
16	WD-09053-S-15	Side Bracket With Links For Steel Consignments	02	A1
17	WD-20024-S-05	Centre Pivot And Side Bearer Arrangement	01	A1
18	WD-81010-S-03	Arrangement Of High Tensile Coupler (Non – Transition Type)	13	A1
19	SK-66511	Railways Initials In Hindi	01	A1
20	SK-63720	PRO/PR Stencil	01	A3
21	WD-10072-S-01	CRF Sections	06	A1
22	WD-10072-S-02	Static Load Test	03	A1
23	WD-10092-S-01	Locations Of Strain Gauges For Squeeze Load Test	02	A1
24	WD-04078-S-01	INDEX/ GA Drawing Of CASNUB 22 HS Bogie	04	A1
25	WD-12028-S-01	Floor Plate Arrangement & Details	NIL	A1

LIST OF CONSTRUCTION DRAWINGS ‘BFNS’/ ‘BFNS22.9’

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-98057-S-01	Index	05	A1
2	WD-98057-S-02	Diagram.	16	A1
3	WD-98057-S-03	General Arrangement.	08	A1
4	WD-98057-S-04	Under frame Arrangement.	05	A1
5	WD-98057-S-05	Under frame Details (Sheet- I)	05	A1
6	WD-98057-S-06	Under frame Details (Sheet- II)	04	A1
7	WD-98057-S-6A	Under frame Details (Sheet-III)	06	A1
8	WD-98057-S-07	Coil Locking Arrangement & Details	03	A1
9	WD-98057-S-08	Brake Diagram.	01	A1
10	WD-98057-S-09	Under frame Brake gear Arrangement.	05	A1
11	WD-98057-S-10	Under frame Brake gear Details.	02	A3
12	WD-98057-S-11	Fitment of Air Brake Equipment & Pipe Layout.	05	A1
13	WD-98057-S-12	Details of Pipe for Fitment of Air Brake Equipment	06	A1
14	WD-98057-S-13	Details of Fitment of Air Brake Equipment	04	A1
15	WD-98057-S-15	Arrangement of CBC & Uncoupling Gear.	01	A1
16	WD-98057-S-16	Fixed End Arrangement.	02	A1
17	WD-00052-S-01	Centre Pivot & Side Bearer Arrangement.	02	A1
18	WD-98057-S-17	Marking Diagram.	10	A1
19	WD-98057-S-18	Loading Diagram	02	A1

LIST OF CONSTRUCTION DRAWINGS 'FLATCOIL3'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-98057-S-01	Index	05	A1
2	WD-98057-S-02	Diagram.	16	A1
3	WD-98057-S-03	General Arrangement.	08	A1
4	WD-98057-S-04	Under frame Arrangement.	05	A1
5	WD-98057-S-05	Under frame Details (Sheet- I)	05	A1
6	WD-98057-S-06	Under frame Details (Sheet- II)	04	A1
7	WD-98057-S-6A	Under frame Details (Sheet-III)	06	A1
8	WD-98057-S-07	Coil Locking Arrangement & Details	03	A1
9	WD-98057-S-08	Brake Diagram.	01	A1
10	WD-98057-S-09	Under frame Brake gear Arrangement.	05	A1
11	WD-98057-S-10	Under frame Brake gear Details.	02	A3
12	WD-98057-S-11	Fitment of Air Brake Equipment & Pipe Layout.	05	A1
13	WD-98057-S-12	Details of Pipe for Fitment of Air Brake Equipment	06	A1
14	WD-98057-S-13	Details of Fitment of Air Brake Equipment	04	A1
15	WD-98057-S-15	Arrangement of CBC & Uncoupling Gear.	01	A1
16	WD-98057-S-16	Fixed End Arrangement.	02	A1
17	WD-20024-S-04	Centre Pivot & Side Bearer Arrangement.	03	A1
18	WD-23035-S-01	Marking Diagram.	NIL	A1
19	WD-98057-S-18	Loading Diagram	02	A1

LIST OF CONSTRUCTION DRAWINGS 'BFNSM 22.9' (with BMBS)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-14035-S-01	Index	03	A1
2	WD-14035-S-02	Diagram.	04	A1
3	WD-14035-S-03	General Arrangement.	04	A1
4	WD-14035-S-04	Under frame Arrangement.	07	A1
5	WD-14035-S-05	Under frame Details (Sheet- I)	04	A1
6	WD-14035-S-06	Under frame Details (Sheet- II)	03	A1
7	WD-14035-S-07	Under frame Details (Sheet- III)	04	A1
8	WD-14035-S-08	Coil Locking Arrangement & Details	04	A1
9	WD-14035-S-09	Brake Diagram	Nil.	A1
10	WD-14035-S-10	Hand / Underframe Brake gear Arrangement.	01	A1
11	WD-14035-S-11	Hand / Underframe Brake gear Details.	Nil.	A1
12	WD-14035-S-12	Fitment of Air Brake Equipment & Pipe Layout.	02	A1
13	WD-14035-S-13	Details of Pipe for Fitment of Air Brake Equipment	02	A1
14	WD-14035-S-14	Details of Fitment of Air Brake Equipment	Nil.	A1
15	WD-14035-S-15	Uncoupling Gear Arrangement	02	A1
16	WD-14035-S-16	Marking Diagram.	03	A1
17	WD-14035-S-17	Centre Pivot & Side Bearer Arrangement.	02	A1
18	WD-14035-S-18	Static Load Test	02	A1
19	WD-81010-S-03	CBC. Arrangement.	13	A1

LIST OF CONSTRUCTION DRAWINGS 'BFNSM1' (with BMBS)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-14035-S-01	Index	03	A1
2	WD-14035-S-02	Diagram.	04	A1
3	WD-14035-S-03	General Arrangement.	04	A1
4	WD-14035-S-04	Under frame Arrangement.	07	A1
5	WD-14035-S-05	Under frame Details (Sheet- I)	04	A1
6	WD-14035-S-06	Under frame Details (Sheet- II)	03	A1
7	WD-14035-S-07	Under frame Details (Sheet- III)	04	A1
8	WD-14035-S-08	Coil Locking Arrangement & Details	04	A1
9	WD-14035-S-09	Brake Diagram	Nil.	A1
10	WD-14035-S-10	Hand/Underframe Brake gear Arrangement.	01	A1
11	WD-14035-S-11	Hand / Underframe Brake gear Details.	Nil.	A1
12	WD-14035-S-12	Fitment of Air Brake Equipment & Pipe Layout.	02	A1
13	WD-14035-S-13	Details of Pipe for Fitment of Air Brake Equipment	02	A1
14	WD-14035-S-14	Details of Fitment of Air Brake Equipment	Nil.	A1
15	WD-14035-S-15	Uncoupling Gear Arrangement	02	A1
16	WD-21071-S-01	Marking diagram	01	A1
17	WD-20024-S-05	Centre Pivot & Side Bearer Arrangement.	01	A1
18	WD-22072-S-01	Static Load test diagram	Nil.	A1
19	WD-81010-S-03	CBC. Arrangement.	13	A1

LIST OF CONSTRUCTION DRAWINGS 'BFNSM22.9' / 'BFNSM1' with UMBS
(Underframe Mounted Brake System)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-14035-S-01	Index	03	A1
2	WD-23077-S-02	Diagram.	01	A1
3	WD-23077-S-03	General Arrangement.	02	A1
4	WD-23077-S-04	Under frame Arrangement.	01	A1
5	WD-23077-S-05	Under frame Details (Sheet- I)	02	A1
6	WD-23077-S-06	Under frame Details (Sheet- II)	02	A1
7	WD-23077-S-07	Under frame Details (Sheet- III)	01	A1
8	WD-14035-S-08	Coil Locking Arrangement & Details	04	A1
9	WD-23077-S-01	Brake Diagram	01	A1
10	WD-23077-S-09	Hand / Underframe Brake gear Arrangement.	02	A1
11	WD-23077-S-10	Hand/ Underframe Brake gear Details.	02	A1
12	WD-23077-S-11	Fitment of Air Brake Equipment & Pipe Layout.	01	A1
13	WD-23077-S-12	Details of Pipe for Fitment of Air Brake Equipment	01	A1
14	WD-23077-S-13	Details of Fitment of Air Brake Equipment	Nil.	A1
15	WD-14035-S-15	Uncoupling Gear Arrangement	02	A1
16	WD-21071-S-01	Marking diagram	01	A1
17	WD-20024-S-05	Centre Pivot & Side Bearer Arrangement.	01	A1
18	WD-22072-S-01	Load test diagram	Nil.	A1
19	WD-81010-S-03	Arrangement of CBC.	13	A1

LIST OF CONSTRUCTION DRAWINGS 'BFNV'

S. No.	Drawing No.	Description	Last Alt. No.	Drawing Size
1	WD-20044-S-01	Index	01	A1
2	WD-19024-S-02	Diagram	06	A1
3	WD-20044-S-02	General Arrangement	01	A1
4	WD-20044-S-03	Under Frame Arrangement	01	A1
5	WD-20044-S-04	Under Frame Details (Sheet-1)	02	A1
6	WD-20044-S-05	Under Frame Details (Sheet-2)	01	A1
7	WD-20044-S-06	Saddle Arrangement And Details (Large)	01	A1
8	WD-20044-S-07	Saddle Arrangement And Details (Small)	01	A1
9	WD-20044-S-08	Coil Securing & End Wall Arrangement	01	A1
10	WD-20044-S-09	Coil Securing Arrangement And Details	01	A1
11	WD-19024-S-10	Brake Diagram	03	A1
12	WD-20044-S-10	Under Frame Brake Gear Arrangement	01	A1
13	WD-20044-S-11	Under Frame Brake Gear Details	02	A1
14	WD-20044-S-12	Side Operated Hand Brake Arrangement & Details	01	A1
15	WD-20044-S-13	Fitment Of Graduated Release Air Brake Equipment & Pipe Layout	01	A1
16	WD-20044-S-14	Details Of Pipes For Fitment Of Air Brake Equipment	02	A1
17	WD-20044-S-15	Details For Fitment Of Air Brake Equipment	02	A1
18	WD-20044-S-16	Uncoupling Gear Arrangement	01	A1
19	WD-20044-S-17	Centre Pivot And Side Bearer Arrangement	01	A1
20	WD-20044-S-18	Details Of Pipe For Fitment Of Load Sensing Device	01	A1
21	WD-20044-S-19	Marking Diagram	01	A1
22	WD-20044-S-20	Details of Critical Joints	01	A1
23	WD-20044-S-21	Static Load Test chart	Nil	A1
24	WD-20044-S-22	Location of Strain Gauges For Squeeze Load Test	Nil	A1
25	WD-20044-S-23	Fitment Of Load Sensing Device	Nil	A1
26	WD-81010-S-03	Arrangement Of High Tensile Centre Buffer Fixed Coupler	13	A1
27	WD-15021-S-02	Bogie General Arrangement	05	A1
28	WD-21067-s-01	Lashing arrangement	01	A1

LIST OF CONSTRUCTION DRAWINGS 'BRH'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	Drg.4000-01	Index (BOX type Bogie)	01	A1
2	SK.62089/M	Diagram.	04	A1
3	SK.58321/M	General Arrangement.	07	A0
4	Drg.4050/05	Details of Sole Bar & Side Sill.	04	A1
5	Drg.4050/06	Underframe Longitudes.	04	A1
6	Drg.4050/07	Details of Underframe (Sheet-I)	07	A1
7	Drg.4050/08	Details of Underframe (Sheet-II)	05	A1
8	Drg.4050/09	Details of Cross bar Pressings.	02	A1
9	Drg.4050/10	Cast Steel Headstock Knee.	01	A1
10	Drg.4050/11	Arrangement of Draft gear.	Nil.	A1
11	Drg.4050/12	Arrangement of Floor Plates.	04	A1
12	Drg.4050/14	Details of Underframe Brake Gear.	01	A1
13	Drg.2170/56/M	Timber Bolsters.	08	A1
14	Drg.4000/02	Bogie General Arrangement.	03	A1
15	Drg.4000/03	10 Plate Spring suspension Arrangement.	05	A1
16	Drg.4000/04	Bogie Frame Arrangement.	01	A1
17	Drg.4000/05	Arrangement of Centre Pivot.(to be read with SK.58321/M.	01	A1
18	Drg.4000/06	Bogie Brake Gear Arrangement.	Nil.	A1
19	Drg.4000/07	Bogie Side Frame & Details.	03	A1
20	Drg.4000/08	Details of Welded Bogie Frame (Sheet-I)	01	A1
21	Drg.4000/09	Details of welded Bogie Frame (Sheet-II)	Nil.	A1
22	Drg.4000/10	Centre Spring Hanger Bracket & Details.	Nil.	A1
23	Drg.4000/11	Bogie Trimmer Arrangement (Inner)	Nil.	A1
24	Drg.4000/12	Bogie Trimmer Arrangement (Outer).	Nil.	A1
25	Drg.4000/13	Details of Bogie Trimmer	Nil.	A1
26	Drg.4000/14	Details of Bogie Head stock, Diagonal & Safety Loop Bracket	01	A1
27	Drg.4000/15	Headstock End Spring Hanger Bracket.	02	A1
28	Drg.4000/16	Headstock Spring Hanger Bracket Details.	02	A1

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S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
29	Drg.4000/17	Transom & Details.	01	A1
30	Drg.4000/18	Procedure & Method for Checking Bogie.	01	A1
31	Drg.4000/19	Location of brake Gear Pins & Bushes. (to be read with SK.58321/M	05	A1
32	Drg.4000/20	Bogie Brake Diagram.	Nil.	A1
33	Drg.4000/21	Legend Markings & Standards Plate Location.	05	A1
34	SK-58322	Brake Diagram.	Nil.	A0
35	SK.59403	Marking Diagram.	08	A1
36	SK.62069	Fabricated Draft Gear Spring Washer.	01	A3
37	SK.62090/M	Fixed End arrangement.	05	A1
38	SK.63720	PRO/PR Stencil.	01	A3
39	SK.64512	Rapid Brake Adjuster.	02	A1
40	SK. 64630	Modification to Release Spring Bracket and Vacuum Reservoir Pipe.	02	A1
41	SK. 65569	Foot step and Heand Hold	Nil.	A2
42	SK.66511	Railway Initials in Hindi.	01	A1
43	CSW-1160/M	Fabricated Draft gear Bracket.	03	A3
44	*Drg.4050/04	Underframe End Arrangement.	Nil.	A1
45	WD-94019-S-01	Loading of HR CR coils on BRH/BRN wagon (Coils axis vertical)	07	A4
46	WD-94038-S-01	Side bracket with link for securing steel plant Consignment For BRHC BRHT & BRN	04	A3
47	WD-94038-S-02	Loading & securing of HR/CR coils in unitised pack	08	A2
48	WD-94062-S-01	Loading of HR/CR coils on BRH/BRN wagons (coil axis vertical	Nil.	A4
49	WD-01004-S-01	Bulk Head Arrangement for Wagon	04	A1
50	WD-01004-S-02	Bulk Head Arrangement for Wagon	03	A1

*for Guidance Only

LIST OF CONSTRUCTION DRAWINGS 'BRHCS'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-82021-S-01	Diagram (With CASNUB 22-W Bogie and Air Brake)	03	A1
2	WD-84013-S-02	General Arrangement.	09	A1
3	WD-84013-S-03	Underframe Arrangement(for Non-transition CBC and Air Brake)	07	A1
4	WD-84013-S-04	Underframe Brake Gear Arrangement.(for Air Brake)	12	A1
5	WD-84013-S-05	Layout of Graduated Air Brake Equipment & Twin Pipe(Read with Clause 7.4 of Specification)	05	A1
6	WD-81064-S-03	Arrangement of CBC & Uncoupling Gear. (Non-transition CBC)	01	A1
7	WD-82021-S-02	Arrangement of Centre Pivot & Side Bearer (with Casnub 22W Bogie) (Read with Drg.No. WD-84013-S-3)	01	A1
8	Drg.4050-12	Arrangement of Floor Plates.(read with WD-84013-S-3 & Clause 7.6.3 of P.Specn.)	04	A1
9	SK.62090-M	Fixed End Arrangement.	05	A1
10	Drg.2170-56-M	Timber Bolster.	08	A1
11	" 4050-06	Underframe Longitudes (read with Drg.No. WD-84013-S-3)	04	A1
12	" 4050-07	Details of Underframe.(read with Drg.No. WD-84013-S-3)	07	A1
13	" 4050-08	-do- -do-	05	A1
14	" 4050-09	Details of Cross Bar Pressings.(read with Drg.No. WD-84013-S-3)	02	A1
15	SK.74504	Details of Modified Underframe (read with Drg.No.WD-84013-S-3)	07	A1
16	SK.78524	Details of Sole Bar & Side Rail.	06	A1
17	WD-81064-S-04	Underframe Details(read with WD-84013-S-3)	05	A1
18	WD-84013-S-06	Brake Gear & Underframe Details.	08	A3
19	-do- S-7	Underframe Details.	08	A1
20	-do- S-8	Details of Pipes for Fitment of Graduated Release Air Brake Equipment.(read with Clause 7.4 of the P.Specification)	08	A1
21	-do- S-9	Fitment of Graduated Release Air Brake Equipment & Twin Pipe Layout Details.		06
	A1			
22	-do- S-10	Anti-pilferage Device from Distributor valve of different Marks	05	A1
23	-do- S-11	Brake Diagram.(Air Brake)	07	A1
24	WD-84013-S-12	Marking Diagram.(with Air Brake)	13	A1
25	SK.63720	PRO/PR Stencil.	01	A3
26	SK.66511	Railway Initial in Hindi.	01	A1
27	*SK.74512	CASNUB 22W Bogie General Arrangement.	06	A1
28	SK.73552	Air Brake Hose Coupling Support.	06	A4
29	SK.78536	Anti-pilferage measures for BG Bogie Railway Wagons.	02	A1

*for Guidance only.

LIST OF CONSTRUCTION DRAWINGS 'BRST'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-82054-S-01	Diagram	01	A1
2	WD-82054-S-02	General Arrangement.	Nil	A1
3	WD-82054-S-03	Underframe Arrangement (Sheet-I)	Nil	A1
4	WD-82054-S-04	Under frame Sectional Details (Sheet-II)	Nil	A1
5	WD-82054-S-05	Falling End Arrangement.	02	A1
6	WD-82054-S-06	Arrangement of Centre Pivot & Side Bearer	Nil	A1
7	WD-82054-S-07	Arrangement of Floor Plates.	Nil	A1
8	WD-82054-S-08	Cross Bolster Arrangement.	Nil	A1
9	WD-82054-S-09	Arrangement of Underframe Brake Gear.	Nil	A1
10	WD-82054-S-10	Arrangement of Brake Piping.	Nil	A1
11	WD-82054-S-11	Brake Diagram.	Nil	A1
12	WD-82054-S-12	Arrangement of Side Stanchion, Lashing Chain & Scotch Block Assembly	Nil	A1
13	WD-82054-S-13	Arrangement of Secondary Lashing Chain & Frame for Fire Buckets.	Nil	A1
14	WD-82054-S-14	Details of Secondary Lashing Chain.	07	A1
15	WD-82054-S-15	Bearing Spring Stop.	Nil	A1
16	WD-82054-S-16	Marking Diagram.	01	A1
17	WD-82054-S-17	Details of Lashing Chain Coupler.	02	A1
18	SK.60316	Arrangement of Accommodate Spring Stops in Bogie Frame for 'BRS' Wagon	Nil	A2
19	DRG.No.4000/01	Index (BOX type Bogie)	01	A1
20	Drg.No.4000/02	Bogie General Arrangement.	03	A1
21	" 4000/03	10 Plate Spring suspension Arrangement.	05	A1
22	" 4000/04	Bogie Frame Arrangement.	01	A1
23	" 4000/05	Arrangement of Centre Pivot.	01	A1
24	" 4000/06	Bogie Brake Gear Arrangement.	Nil	A1
25	" 4000/07	Bogie Side Frame & Details.	03	A1
26	" 4000/08	Details of Welded Bogie Frame (Sheet-I)	01	A1
27	" 4000/09	Details of welded Bogie Frame (Sheet-II)	Nil	A1
28	" 4000/10	Centre Spring Hanger Bracket & Details.	Nil	A1
29	" 4000/11	Bogie Trimmer Arrangement (Inner)	Nil	A1
30	" 4000/12	Bogie Trimmer Arrangement (Outer).	Nil	A1
31	" 4000/13	Trimmer Details.	Nil	A1
32	" 4000/14	Headstock, Diagonal & Safety Loop Bracket Details.	01	A1
33	" 4000/15	Headstock Spring Hanger Bracket.	02	A1
34	" 4000/16	Headstock Spring Hanger Bracket Details.	02	A1
35	" 4000/17	Transom & Details.	01	A1
36	" 4000/18	Procedure & Method for Checking Bogie.	01	A1
37	" 4000/19	Location of brake Gear Pins & Bushes.		05
	A1			
38	" 4000/20	Bogie Brake Diagram.	Nil	A1
39	Drg.No.4000/21	Legend Markings & Standards Plate Location.	05	A2
40	Drg.No.4000/25	Legend Marking in Hindi & Standard Plate Location.	01	A2
41	Drg.No.4050/10	Cast Steel Head Stock Knee.	01	A1
42	SK.63720	PRO/PR Stencil.	01	A3
43	SK.66511	Railway Initial in Hindi.	01	A1

44	SK.69503	Transition Screw Coupling Assembly.	11	A1
45	SK.69504	Transition Screw Coupling Details.	10	A1
46	*Drg.No.4050/06	Underframe Longitudes(to be read with Drg. No.WD-82054-S-3 & s-4)	02	A1
47	* -do- 07	Details of Underframe (Sheet-I) (to be read with WD-82054-S-3 & S-4)	06	A1
48	* -do- 08	Details of Underframe (Sheet-II) (to be read with WD-82054-S-3, S-4 & SK.74504)	04	A1
49	* -do- 09	Details Cross Bar Pressings.(to be read WD-82054-S-3 & S-4)	01	A1
50	*SK.74503	Transition CBC & Uncoupling Gear Arrgtt. (to be read with WD-82054-S-20	01	A1
51	*SK.74504	Details of Modified Underframe.(to be read with WD-82054-S-3 & S-4)	06	A1

*for Guidance Only.

LIST OF CONSTRUCTION DRAWINGS ‘BRST’(Fitted With Air Brake)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-99069-S-01	Index of BRST	01	A1
2	WD-82054-S-01	Diagram	01	A1
3	WD-99069-S-02	General Arrangement	Nil	A1
4	WD-82054-S-03	Underframe Arrangement (sheet-I)	Nil	A1
5	WD-82054-S-04	Underframe Arrangement (sheet-II)	Nil	A1
6	WD-82054-S-05	Falling end arrangement	02	A1
7	WD-82054-S-06	Arrangement of Centre Pivot and side bearer	Nil	A1
8	WD-82054-S-07	Arrangement Floor plate	Nil	A1
9	WD-82054-S-08	Cross bolster arrangement	Nil	A1
10	WD-99069-S-03	Underframe brake gear arrangement	02	A1
11	WD-99069-S-05	Brake diagram.	Nil	A1
13	WD-82054-S-12	Arrangement of side stanchion lashing chain and scotch block assembly	NIL	A1
14	WD-82054-S-13	Arrangement of secondary lashing chain and frame fire bucketed.	Nil	A1
15	WD-82054-S-14	Details of secondary lashing chain.	07	A1
16	WD-82054-S-15	Spring stop.	Nil	A1
17	WD-99069-S-06	Marking diagram	Nil	A1
18	WD-82054-S-17	Details of lashing chain coupler	02	A1
19	WD-99069-S-07	Fitment of air brake equipment's & pipes lay out	02	A1
20	WD-99069-S-08	Details of pipes for fitment of air brake equipment	02	A1
21	WD-99069-S-09	Details of fitment of air brake equipment	03	A1
22	WD-99069-S-10	Anti-pilferage device for distributor valve	Nil.	A1

LIST OF CONSTRUCTION DRAWINGS “ BRTB”

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-01033-S-01	Index	NIL	A1
2	WD-01033-S-02	Diagram	01	A1
3	WD-01033-S-03	General Arrangement	NIL	A1
4	WD-01033-S-04	Underframe Arrangement	01	A1
5	WD-01033-S-05	Underframe Details (Sheet-1)	01	A1
6	WD-01033-S-06	Underframe Details (Sheet-2)	01	A1
7	WD-01033-S-07	Underframe Bolster Arrangement	01	A1
8	WD-01033-S-08	Underframe Bolster Details	01	A1
9	WD-01033-S-10	<i>Centre Pivot Arrangement & Details</i>	--	--
10	WD-01033-S-11	Brake Gear Arrangement	01	A1
11	WD-01033-S-12	Brake Gears Details	NIL	A3
12	WD-01040-S-14	Brake Diagram	01	A1
13	WD-01033-S-15	Marking Diagram	NIL	A1
14	WD-01033-S-16	Truck Loading Arrangement	NIL	A1
15	WD-01033-S-17	Door End Arrangement and Details	01	A1
16	WD-01033-S-18	Fitment of Air brake Equipment and Pipe layout	01	A1
17	WD-01033-S-19	Details of pipe for Fitment of Air Brake	01	A1
18	WD-01033-S-20	Details of Fitment of Air Brake Equipment.	01	A1
19	WD-01033-S-21	APD for Distributor valve	--	--

LIST OF CONSTRUCTION DRAWINGS “ BRTA”

S. No.	Drawing No.	Description	Last No.	Alt.	Drg. Size
1	WD-01040-S-01	Index	NIL		A1
2	WD-01040-S-02	Diagram	01		A1
3	WD-01040-S-03	General Arrangement	NIL		A1
5	WD-01040-S-04	Underframe Arrangement	01		A1
6	WD-01040-S-05	Underframe Details (Sheet-1)	01		A1
7	WD-01040-S-06	Underframe Details (Sheet-II)	01		A1
8	WD-01040-S-07	Underframe Bolster Arrangement (CBC End.)	01		A1
9	WD-01040-S-08	Underframe Bolster Details (CBC End)	01		A1
10	WD-01040-S-09	Uncoupling Gear Arrangement	NIL		A1
11	WD-01033-S-11	Brake Gear Arrangement	01		A1
12	WD-01033-S-12	Brake Gear Details	NIL		A3
13	WD-01040-S-14	Brake Diagram	01		A1
14	WD-01040-S-15	Marking Diagram	NIL		A1
15	WD-01040-S-17	Door End Arrangement and Details	01		A1
16	WD-01040-S-18	Fitment of Air Brake Equipment and pipe layout.	01		A1
17	WD-01040-S-19	Details of pipe for fitment of Air brake equipment	01		A1
18	WD-01040-S-20	Details for fitment of air brake equipment.	01		A1
19	WD-01040-S-21	APD for Distributor valve	--		--

LIST OF CONSTRUCTION DRAWINGS 'BRHNEHS'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-04004-S-51	INDEX BRHNEHS	05	A1
2	WD-04004-S-52	Diagram BRHNEHS	06	A1
3	WD-04004-S-53	General Arrangement.	03	A1
4	WD-04004-S-54	Under frame Arrangement	02	A1
5	WD-04004-S-55	Under frame Details (Sheet- I)	02	A1
6	WD-04004-S-55	Under frame Details (Sheet-II)	02	A1
7	WD-04004-S-56	Transition CBC & Uncoupling Gear arrangement Details.	02	A1
8	WD-20024-S-02	Centre Pivot & Side Bearer Arrangement	01	A1
9	WD-04004-S-58	Brake Diagram	01	A1
10	WD-04004-S-59	Under frame brake gear arrangement.	02	A1
11	WD-04004-S-60	Under frame brake gear Details	01	A1
12	WD-04004-S-61	Fitment of Air brake Equipment & pipe layout .	04	A1
13	WD-04004-S-62	Details of pipes for fitment of air brake Equipment.	04	A1
14	WD-04004-S-63	Details for fitment of air brakes Equipment.	03	A1
15	WD-24033-S-01	Marking Diagram	Nil	A1
16	4050/05	Details of sole bar and side Rail.	04	A1
17	4050/06	Under frame longitudes	04	A1
18	4050/08	Details of under frame (sheet-II)	05	A1
19	4050/09	Details of cross bars pressing.	02	A1
20	4050/10	Cast steel head stock knee.	01	A1
21	4050/12	Arrangement of floor plate.	04	A1
22	WD-94038-S-01	Side bracket with line.	04	A3
23	WD-10091-S-01	Static Load Test Chart	01	A1

LIST OF CONSTRUCTION DRAWINGS BRHNEHSM (BMBS)

S. No.	Drawing No.	Description	Last No.	Alt.	Drg. Size
1	WD-09044-S-51	Index (BRHNEHS-BMBS)	NIL		A1
2	WD-09044-S-52	Diagram	NIL		A1
3	WD-09044-S-53	General Arrangement	NIL		A1
4	WD-09044-S-54	Under Frame Arrangement.	NIL		A1
5	WD-09044-S-55	Under Frame Details sheet-I	NIL		A1
6	WD-09044-S-55	Under Frame Details sheet-II	NIL		A1
7	WD-09044-S-56	Transition CBC and Uncoupling Gear Arrangement and Details.	NIL		A1
8	WD-09044-S-57	Centre pivot & Side Bearer Arrangement	NIL		A1
9	WD-09044-S-58	Brake Diagram	01		A1
10	WD-09044-S-59	Hand Brake Arrangement and Details.	NIL		A1
11	WD-09044-S-60	Hand Brake Details.	NIL		A1
12	WD-09044-S-61	Fitment of air brake equipment and pipe Layout	02		A1
13	WD-09044-S-62	Details of pipes for fitment of air brake equipment	03		A1
14	WD-09044-S-63	Details for fitment of air brake equipment	01		A1
15	WD-09044-S-64	Marking Diagram.	04		A1
16	Drg. No.4050/05	Details of Sole Bar and side rail.	04		A1
17	Drg. No.4050/06	Under Frame Longitudes	04		A1
18	Drg. No.4050/08	Details of Under Frame sheet-II	05		A1
19	Drg. No.4050/09	Details of Cross Bars Pressing	02		A1
20	Drg. No.4050/10	Cast Steel Head tock Knee.	01		A1
21	Drg. No.4050/12	Arrangement of floor plate.	04		A1
22	WD-94038-S-01	Side Bracket with link	04		A3

LIST OF CONSTRUCTION DRAWINGS “ BRSTN”

S. No.	Drawing No.	Description	Last No.	Alt.	Drg. Size
1	WD-02054-S-01	Index	01		A1
2	WD-02054-S-02	Diagram	01		A1
3	WD-02054-S-03	General Arrangement	03		A1
4	WD-02054-S-04	Under frame Arrangement	02		A1
5	WD-02054-S-05	Under frame Arrangement & Details.	01		A1
6	WD-02054-S-06	Under frame Details (Sheet-1)	01		A1
7	WD-02054-S-07	Under frame Details (Sheet-II)	02		A1
8	WD-02054-S-08	Under frame Details (Sheet-III)	02		A1
9	WD-02054-S-09	Cross Bolster Arrangement.	NIL		A1
10	WD-02054-S-10	Center pivot and Side Bearer Arrangement.	05		A1
11	WD-02054-S-11	Under frame Brake Gear Arrangement.	01		A1
12	WD-02054-S-12	Under frame Brake Gear Details.	01		A1
13	WD-02054-S-13	Brake Diagram	02		A1
14	WD-02054-S-14	Fitment of Air Brake Equipment and pipe layout.	03		A1
15	WD-02054-S-15	Details of pipe for fitment of Air brake equipment	04		A1
16	WD-02054-S-16	Details of fitment of Air Brake equipment.	02		A1
17	WD-02054-S-17	Marking Diagram	02		A1
18	WD-02054-S-18	Floor Plate Arrangement & Details.	01		A1
19	WD-02054-S-19	Uncoupling Gear Arrangement & Details.	02		A1
20	WD-82054-S-05	Falling End Arrangement.	02		A1
21	WD-82054-S-12	Arrangement of Side Stanchion, Lashing Chain and Scotch Block Assembly.	Nil		A1
22	WD-82054-S-13	Arrangement of Secondary Lashing Chain and from for Fire Bucket.	Nil		A1
23	WD-82054-S-14	Details of Secondary Lashing Chain.	07		A1

LIST OF CONSTRUCTION DRAWINGS “ BRN 25t.

DRAWING No.	DESCRIPTION	Alt. No.
WD-07046-S-01	Index	NIL A1
WD-07046-S-02	Diagram	NIL A1
WD-07046-S-03	General Arrangement	NIL A1
WD-07046-S-04	Under frame Arrangement	NIL A1
WD-07046-S-05	Under frame Arrangement (Sheet-I)	NIL A1
WD-07046-S-06	Under frame Details(Sheet-II)	NIL A1
WD-07046-S-07	Under frame Details(Sheet-III)	NIL A1
WD-07046-S-08	Under frame Brake gear Arrangement	NIL A1
WD-07046-S-09	Under frame Brake gear Details	NIL A1
WD-07046-S-10	Brake Diagram	NIL A1
WD-07046-S-11	Arrangement of C.B.C.	NIL A1
WD-07046-S-12	Fitment of Air Brake Equipment and pipe layout	NIL A1
WD-07046-S-13	Details of pipe for fitment of air brake equipment	01 A1
WD-07046-S-14	Details of fitment of air brake equipment	NIL A1
WD-07046-S-15	Fixed End Arrangement	NIL A1
WD-07046-S-16	Marking Diagram	NIL A1
WD-94038-S-01	Side Bracket with links for Securing Steel consignments	04 A3
WD-07046-S-17	Center pivot And side Bearer Arrangement	NIL A1
WD-81010-S-03	Arrangement of high tensile coupler(Non transition type)	13 A1
SK-66511	Railway Initials in Hindi	01 A1
SK-63720	PRO/PR Stencil	01 A3

LIST OF DRAWINGS “ CONTR FLAT AUTO CAR CARRIER” BCACM

DRAWING No.	DESCRIPTION	Alt. No.	
WD-07056-S-00	Index	02	A1
WD-07056-S-01	Diagram	02	A1
WD-07056-S-04	Lower Deck frame Arrangement (WAGON-A)	02	A1
WD-07056-S-05	Lower Deck frame Arrangement (WAGON-B)	02	A1
WD-07056-S-06	Upper Deck Arrangement & Details (WAGON-A)	02	A1
WD-07056-S-07	Upper Deck Arrangement & Details (WAGON-B)	02	A1
WD-07056-S-08	Floor plate Arrangement & Details of Lower Deck (WAGON-A & B)	02	A1
WD-07056-S-10	Body Side Stanchion Arrangement (WAGON-A)	02	A1
WD-07056-S-11	Body Side Stanchion Arrangement (WAGON-B)	02	A1
WD-07056-S-12	Body Side Stanchion Fixing Details (WAGON-A & B)	02	A1
WD-07056-S-13	Arrangement of Expanded Metal & Side Walls & End Walls	02	A1
WD-07056-S-14	Details of Expanded Metal & Side Walls & End Walls	02	A1
WD-07056-S-15	End flap Arrangement & Details (WAGON-A & B)	01	A1
WD-07056-S-16	End flap Arrangement & Details (X-END OF WAGON-A)	02	A1
WD-07056-S-17	Roof Arrangement & Details (WAGON-A & B)	02	A1
WD-07056-S-18	End Swing Door Arrangement (WAGON-A & B)	02	A1
WD-07056-S-19	Details of End Swing Door (WAGON-A & B)	02	A1
WD-07056-S-22	Marking Diagram. (WAGON-A)	04	A1
WD-07056-S-23	Marking Diagram. (WAGON-B)	05	A1
WD-07056-S-24	Loading and Unloading Ramp Arrangement of Auto Cars	01	A1
WD-07056-S-25	Loading and Unloading Ramp Details	01	A1
CONTR-9405-S-01	Index (CAR-A)	06	A1
CONTR-9406-S-01	Index (CAR-B)	06	A1
WD-10063-S-01	Protective PU Foam Arrangement and Details	Nil	A1
WD-10063-S-02	Movable Upper Deck Details (Wagon-A)	Nil	A1

List Of Construction Drawings “ BRPN”

DRAWING No.	DESCRIPTION	Last. Alt.	Drg.size.
WD-01020-S-01	Index	NIL	A1
WD-01020-S-02	Diagram	NIL	A1
WD-01020-S-03	General Arrangement	NIL	A1
WD-01020-S-04	Under frame Arrangement	NIL	A1
WD-01020-S-05	Under frame Details (Sheet-I)	NIL	A1
WD-01020-S-06	Under frame Details(Sheet-II)	NIL	A1
WD-01020-S-07	Un-Coupling Gear Arrangement and Details	NIL	A1
WD-01020-S-08	Centre Pivot & Side Bearer Arrangement	NIL	A1
WD-01020-S-09	Brake Diagram	NIL	A1
WD-01020-S-10	Under frame Brake gear Arrangement	NIL	A1
WD-01020-S-11	Underframe Brake gear Details	NIL	A1
WD-01020-S-12	Fitment of graduated release Air Brake Equipment and pipe layout	01	A1
WD-01020-S-13	Details of pipe for fitment of graduated release air brake equipment	02	A1
WD-01020-S-14	Fitment of graduated release air brake equipments and pipe layout details.	01	A1
WD-01020-S-15	Loading Arm Arrangement and Details.	NIL	A1
WD-01020-S-16	Bulk Head Arrangement and Details.	NIL	A1
WD-01020-S-17	Loading arm Support Arrangement and Details.	NIL	A1
WD-01020-S-18	Marking Diagram	NIL	A1

**LIST OF CONSTRUCTION DRAWINGS OF “ (FLAT MULTI-PURPOSE
(CAR-A) WAGON TYPE ‘FMPA’)”**

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-19066-S-01	Index	02	A1
2	WD-19066-S-02	Diagram	09	A1
3	WD-19066-S-03	General Arrangement	04	A1
4	WD-19066-S-04	Underframe Arrangement	03	A1
5	WD-19066-S-05	Underframe Details (Sheet-1)	04	A1
6	WD-19066-S-06	Underframe Details (Sheet-2)	04	A1
7	WD-19066-S-07	Underframe Bolster Arrangement & Details	02	A1
8	WD-19066-S-08	Floor Plate Arrangement & Details	02	A1
9	WD-19066-S-09	End flap Arrangement & Details	03	A1
10	WD-19066-S-10	Centre Pivot & Side Bearer Arrangement & Details	03	A3
11	WD-19066-S-11	Brake Diagram	03	A1
12	WD-19066-S-12	Underframe Brake Gear Arrangement	03	A1
13	WD-19066-S-13	Underframe Brake Gears Details	02	A1
14	WD-19066-S-14	Fitment of Air brake Equipment with Twin Pipe layout	01	A1
15	WD-19066-S-15	Details of pipe for Fitment of Air Brake Equipment.	01	A1
16	WD-19066-S-16	Details of Fitment of Air Brake Equipment.	NIL	A1
17	WD-19066-S-17	Un-Coupling Gear Arrangement	01	A1
18	WD-19066-S-18	Truck Loading Arrangement	02	A1
19	WD-19066-S-19	Marking Diagram	02	A1
20	WD-19066-S-20	Fitment of Loading Sensing Device	01	A1
21	CONTR-9404-S-01	INDEX (LCCF Bogie)	06	A1
22	WD-81010-S-03	Arrangement of High Tensile CBC	13	A1
23	WD-23037-S-01	Loading & Security Arrangement	05	A1
24	WD-24008-S-01	Side wall arrangement & details	02	A1
25	WD-24008-S-02	Fitment of Eye Bolt & Locking Hook in FMPA & FMPB wagon	01	A1

**LIST OF CONSTRUCTION DRAWINGS OF “ (FLAT MULTI-PURPOSE
(CAR-B) WAGON TYPE ‘FMPB’)”**

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-19067-S-01	Index	03	A1
2	WD-19067-S-02	Diagram	11	A1
3	WD-19067-S-03	General Arrangement	05	A1
4	WD-19067-S-04	Underframe Arrangement	05	A1
5	WD-19067-S-05	Underframe Details (Sheet-1)	05	A1
6	WD-19067-S-06	Underframe Details (Sheet-2)	05	A1
7	WD-20053-S-01	Underframe Bolster Arrangement & Details	02	A1
8	WD-19067-S-08	Floor Plate Arrangement & Details	03	A1
9	WD-19066-S-09	End flap arrangement details	03	A1
10	WD-19066-S-10	Centre Pivot & Side Bearer Arrangement & Details	03	A3
11	WD-19067-S-11	Brake Diagram	03	A1
12	WD-19067-S-12	Underframe Brake Gear Arrangement	05	A1
13	WD-19066-S-13	Underframe Brake Gears Details	02	A1
14	WD-19067-S-14	Fitment of Air brake Equipment with Twin Pipe layout	01	A1
15	WD-19067-S-15	Details of pipe for Fitment of Air Brake Equipment.	01	A1
16	WD-19066-S-16	Details of Fitment of Air Brake Equipment.	NIL	A1
17	WD-19067-S-17	Un-Coupling Gear Arrangement	02	A1
18	WD-19067-S-18	Truck Loading Arrangement	02	A1
19	WD-19067-S-19	Marking Diagram	02	A1
20	WD-19066-S-20	Fitment of Loading Sensing Device	NIL	A1
21	CONTR-9404-S-01	INDEX (LCCF Bogie)	06	A1
22	WD-81010-S-03	Arrangement of High Tensile CBC (N.T.)	13	A1
23	WD-23037-S-01	Loading & Securing Arrangement	05	A1
24	WD-24008-S-01	Side wall arrangement & details	02	A1
25	WD-24008-S-02	Fitment of Eye Bolt & Locking Hook in FMFA & FMPB wagon	01	A1

LIST OF CONSTRUCTION DRAWING 'BFWP'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. size
1	WD-19078-S-01	Index	Nil	A1
2	WD-19078-S-02	Diagram	Nil	A1
3	WD-19078-S-03	General Arrangement.	Nil	A1
4	WD-19078-S-04	Under Frame Arrangement	Nil	A1
5	WD-19078-S-05	Under Frame Details (Sheet No-I)	Nil	A1
6	WD-19078-S-06	Under Frame Details (Sheet No-II)	Nil	A1
7	WD-19078-S-07	Under Frame Details (Sheet No-III)	01	A1
8	WD-19078-S-08	Arrangement of Floor Plate	Nil	A1
9	WD-19078-S-09	Brake Diagram	Nil	A1
10	WD-19078-S-10	Brake Gear Arrangement	01	A1
11	WD-19078-S-11	Arrangement of Tilting Bed	Nil	A1
12	WD-19078-S-12	Details of Tilting Bed	Nil	A1
13	WD-19078-S-13	Arrangement of TRUNION and Details	-	-
14	WD-19078-S-14	Arrangement and Details of Mechanical Lock of Tilting Bed And Hydraulic Arrangement	-	-
15	WD-19078-S-15	Stripping Arrangement And Details of Plates	-	-
16	WD-19078-S-16	Details of joint	Nil	A1
17	WD-19078-S-17	Fitment of Graduated Release Air Brake Equipment and Pipe Layout	Nil	A1
18	WD-19078-S-18	Details of Pipes For Fitment of Air Brake Equipment	Nil	A1
19	WD-19078-S-19	Details of Fitment of Air Brake Equipment	Nil	A1
20	WD-19078-S-20	Pivot Filler Support On Under Frame	Nil	A1
21	WD-19078-S-21	Centre Pivot And Side Bearer Arrangement	Nil	A1
22	WD-19078-S-22	Marking Diagram	Nil	A1
23	WD-19078-S-23	Load Test Chart	Nil	A1
24	WD-19078-S-24	Uncoupling Gear Arrangement	Nil	A1
25	WD-81010-S-03	Arrangement of High Tensile Centre Buffer Coupler	13	A1
26	WD-15021-S-01	Index of Bogie	06	A1

LIST OF CONSTRUCTION DRAWING COIL MULTI-PURPOSE WAGON 'CMP'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. size
1	WD-23016-S-01	Index	Nil	A1
2	WD-23016-S-02	Diagram	Nil	A1
3	WD-23016-S-03	General Arrangement.	Nil	A1
4	WD-23016-S-04	Loading Arrangement (Sh.-I)	Nil	A1
5	WD-23016-S-05	Loading Arrangement (Sh.-II)	Nil	A1
6	WD-23016-S-06	Underframe Arrangement	Nil	A1
7	WD-23016-S-07	Underframe Details (Sh.-I)	Nil	A1
8	WD-23016-S-08	Underframe Details (Sh.-II)	Nil	A1
9	WD-23016-S-09	Saddle Arrangement	Nil	A1
10	WD-23016-S-10	Saddle Details (Sh.-I)	Nil	A1
11	WD-23016-S-11	Saddle Details (Sh.-II)	Nil	A1
12	WD-23016-S-12	Body End Arrangement	Nil	A1
13	WD-23016-S-13	Body End Details	Nil	A1
14	WD-23016-S-14	Container Securing Arrangement	Nil	A1
15	WD-23016-S-15	Container Securing Details	Nil	A1
16	WD-23016-S-16	Brake Diagram	Nil	A1
17	WD-23016-S-17	Brake Gear Arrangement	Nil	A1
18	WD-23016-S-18	Brake Gear Details	Nil	A1
19	WD-23016-S-19	Fitment of Air Brake Equipment & pipe layout	Nil	A1
20	WD-23016-S-20	Details of Fitment of Air Brake Equipment	Nil	A1
21	WD-23016-S-21	Details of Pipes for Fitment of Air Brake Equipment	Nil	A1
22	WD-23016-S-22	Uncoupling Gear Arrangement & Details	Nil	A1
23	WD-23016-S-23	Centre Pivot & Side Bearer Arrangement	Nil	A1
24	WD-23016-S-24	Marking Diagram	01	A1
25	WD-23016-S-25	CRF Sections	Nil	A1
26	WD-23016-S-26	Fitment of Load Sensing Device	Nil	A1
27	WD-23016-S-27	Load Test Chart	Nil	A1
28	WD-23016-S-28	Location of Strain Gauge for Squeeze Load Test	01	A1
29	WD-15021-S-02	Bogie General Arrangement.	05	A1
30	WD-81010-S-03	Arrangement of High Tensile Centre Buffer Fixed Coupler	13	A1

INDEX OF BOGIE HOPPER WAGONS (B.G.)

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1	BOBR- DESIGN-`A`	133-134
2	BOBRM1- DESIGN-`B`	135-136
3	BOBRN- DESIGN-`C`	137-138
4	BOBRNM1- DESIGN-`D`	139-140
5	BOBRNEL- DESIGN-`E`	141-142
6	BOBRNUG- DESIGN-`F`	143-144
7	BOBRNHS- DESIGN-`G`	145-146
8	BOBRNHSM1- DESIGN-`H`	147-148
9	BOBRNHS-MBS- DESIGN-`J`	149-150
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11	BOBRNHSM2 -DESIGN-L (with BMBS)	152-153
12	BOBRNHSM2 -DESIGN-M (with Conventional Air Brake)	154-155
13	BOBSN DESIGN-A	156
14	BOBSN DESIGN-B	157
15	BOBSNM1 DESIGN-C	158
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17	BOBYN - DESIGN-`A`	160
18	BOBYNHS - DESIGN-`B`	161
19	BOBYNHS- MBS- DESIGN-`C`	162
20	BOBYNM1 Design -D	163
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LIST OF CONSTRUCTION DRAWINGS 'BOBR' DESIGN-'A'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-91071-S-50	Index BOBRN and its variants	16	A1
2	WD-86013-S-51	Diagram.	07	A1
3	WD-86013-S-52	General Arrangement.	04	A1
4	WD-86013-S-53	Under frame Arrangement.	02	A1
5	WD-86013-S-54	Centre Sill & End Sill Details.	04	A1
6	WD-86013-S-55	Cross Ridge Assembly & Details	NIL	A1
7	WD-86013-S-56	Bolster Assembly.	03	A1
8	WD-86013-S-57	Bolster Details.	04	A1
9	WD-86013-S-58	body Structure Assembly.	NIL	A1
10	WD-86013-S-59	Side-Wall Assembly & Details	02	A1
11	WD-86013-S-60	End-Wall (X-End) Assembly & Details.	04	A1
12	WD-86013-S-61	End-Wall (Y-End) Assembly & Details.	02	A1
13	WD-86013-S-62	End Frame Construction & Details.	01	A1
14	WD-86013-S-63	Hopper Arrangement.	NIL	A1
15	WD-86013-S-64	Hopper Details.	01	A1
16	WD-86013-S-65	Door Assembly (For Double Link)	01	A1
17	WD-86013-S-66	Door Details.	01	A1
18	WD-86013-S-67	Door Mechanism Arrangement.(Sheet-I)	02	A1
19	WD-86013-S-68	Door Mechanism Arrangement.(Sheet-II)	01	A1
20	WD-86013-S-69	Brake Diagram.	04	A1
21	WD-86013-S-70	Brake Gear Arrangement.	02	A1
22	WD-86013-S-71	Brake Details (Sheet-I)	02	A1
23	WD-86013-S-72	Brake Details (Sheet-II)	01	A1
24	WD-86013-S-73	Hand Brake Arrangement & Details.	01	A1
25	WD-86013-S-74	Air Brake EQUIPMENT & Pipe Layout.	12	A1
26	WD-86013-S-75	Air Brake Pipe Details.(Sheet-I)	10	A1
27	WD-86013-S-76	Air brake Pipe Details.(Sheet-II)	06	A1
28	WD-86013-S-77	Pick-up Shoe Assembly & Details.	02	A1
29	WD-86013-S-78	Uncoupling Gear Arrangement & Details	NIL	A1
30	WD-86013-S-79	Door Operating Air Pipe Layout.	03	A1
31	WD-86013-S-80	Door Operating Air Pipe Details.	03	A1
32	WD-86013-S-81	Marking Diagram.	12	A1
33	WD-86013-S-82	Anti -pilferage device for D.O.M. Components	04	A1
34	WD-89073-S-02	CASNUB 22NLB Bogie General Arrangement	11	A1
35	SK.62720	Centre Buffer Coupler for Bogie Wagon	11	A1
36	WD-81010-S-03	Arrangement of High Tensile CBC (Non –Transition)	13	A1
37	WD-88036-S-02	Fitment of load Sensing Device Casnub Bogie (Escorts Equipments)	04	A1

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
38	WD-92081-S-53	Connecting Rod & Bushes for DOM.	03	A2
39	WD-92081-S-54 sh 01	Controlling Dimensions of Air Cylinder	02	A2
40	WD-92081-S-54 sh 02	Controlling Dimensions of Air Cylinder	Nil	A2
41	WD-92081-S-55	LEVER	03	A1
42	WD-92081-S-56	Secondary Lock Assembly & Details.	05	A1
43	WD-92081-S-57	Details of DOM.	10	A1
44	WD-92081-S-59	Adjustable lever for D.O.M. (Assembly & Details).	08	A1
45	WD-83062-S-02	DIRT COLLECTOR	02	A2
46	SK-73548	CUT-OFF Angle Cock	-	-
47	EN-30690	AIR RECEIVER TANK	-	-
48	EN-30487	Pneumatic Control Valve Assembly.	-	-

LIST OF CONSTRUCTION DRAWINGS Design-`B` 'BOBRM1'(CC+6t+2t)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-91071-S-50	Index BOBRN and its variants	16	A1
2	WD-86013-S-51	Diagram.	07	A1
3	WD-86013-S-52	General Arrangement.	04	A1
4	WD-86013-S-53	Under frame Arrangement.	02	A1
5	WD-86013-S-54	Centre Sill & End Sill Details.	04	A1
6	WD-86013-S-55	Cross Ridge Assembly & Details	NIL	A1
7	WD-86013-S-56	Bolster Assembly.	03	A1
8	WD-86013-S-57	Bolster Details.	04	A1
9	WD-86013-S-58	body Structure Assembly.	NIL	A1
10	WD-86013-S-59	Side-Wall Assembly & Details	02	A1
11	WD-86013-S-60	End-Wall (X-End) Assembly & Details.	04	A1
12	WD-86013-S-61	End-Wall (Y-End) Assembly & Details.	02	A1
13	WD-86013-S-62	End Frame Construction & Details.	01	A1
14	WD-86013-S-63	Hopper Arrangement.	NIL	A1
15	WD-86013-S-64	Hopper Details.	01	A1
16	WD-86013-S-65	Door Assembly.	01	A1
17	WD-86013-S-66	Door Details.	01	A1
18	WD-86013-S-67	Door Mechanism Arrangement.(Sheet-I)	02	A1
19	WD-86013-S-68	Door Mechanism Arrangement.(Sheet-II)	01	A1
20	WD-86013-S-69	Brake Diagram.	04	A1
21	WD-86013-S-70	Brake Gear Arrangement.	02	A1
22	WD-86013-S-71	Brake Details (Sheet-I)	02	A1
23	WD-86013-S-72	Brake Details (Sheet-II)	01	A1
24	WD-86013-S-73	Hand Brake Arrangement & Details.	01	A1
25	WD-86013-S-74	Air Brake Pipe Layout.	12	A1
26	WD-86013-S-75	Air Brake Pipe Details.(Sheet-I)	10	A1
27	WD-86013-S-76	Air brake Pipe Details.(Sheet-II)	06	A1
28	WD-86013-S-77	Pick-up Shoe Assembly & Details.	02	A1
29	WD-86013-S-78	Uncoupling Gear Arrangement & Details	NIL	A1
30	WD-86013-S-79	Door Operating Air Pipe Layout.	03	A1
31	WD-86013-S-80	Door Operating Air Pipe Details.	03	A1
32	WD-86013-S-81	Marking Diagram.	12	A1
33	WD-86013-S-82	Anti pilferage device for distributor valve	04	A1
34	WD-89073-S-02	CASNUB 22NLB Bogie General Arrangement	11	A1
35	SK.62720	Centre Buffer Coupler for Bogie Wagon	01	A3
36	WD-81010-S-03	Arrangement of High Tensile CBC.	13	A1
37	WD-88036-S-02	Fitment of load Sensing Device CASNUB Bogie (Escorts Equipment)	04	A1

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
38	WD-92081-S-53	Connecting Rod & Bushes for DOM.	03	A2
39	WD-92081-S-54 sh 01	Controlling Dimensions of Air Cylinder	02	A2
	WD-92081-S-54 sh 02	Controlling Dimensions of Air Cylinder	Nil	A2
40	WD-92081-S-55	Levers.	03	A1
41	WD-92081-S-56	Secondary Lock Assembly & Details.	05	A1
42	WD-92081-S-57	Details of DOM.	10	A1
43	WD-92081-S-59	Adjustable lever for D.O.M. (Assembly & Details).	08	A1
44	WD-83062-S-02	DIRT COLLECTOR	02	A2
45	SK-73548	CUT-OFF Angle Cock	--	-
46	EN-30690	AIR RECEIVER TANK	-	-
47	EN-30487	Pneumatic Control Valve Assembly.	-	-

LIST OF CONSTRUCTION DRAWINGS 'BOBRN' (DESIGN-'C')

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-91071-S-50	Index BOBRN and its variants	16	A1
2	WD-91071-S-51	Diagram.	14	A1
3	WD-91071-S-52	General Arrangement.	07	A1
4	WD-91071-S-53	Underframe Arrangement.	04	A1
5	WD-91071-S-54	Centre Sill and End Sill Details.	09	A1
6	WD-91071-S-55	Cross Ridge Assembly & Details.	05	A1
7	WD-91071-S-56	Centre Pivot & Side Bearer Arrangement.	05	A1
8	WD-91071-S-57	Bolster Details.	05	A1
9	WD-91071-S-58	Body Structure Assembly	05	A1
10	WD-91071-S-59	Side-Wall Assembly & Details.	07	A1
11	WD-91071-S-60	End-Wall (X-End) Assembly & Details.	05	A1
12	WD-91071-S-61	End-Wall (Y-End) Assembly & Details	05	A1
13	WD-91071-S-62	End Frame Construction & Details.	03	A1
14	WD-91071-S-63	Hopper Arrangement.	05	A1
15	WD-91071-S-64	Hopper Details.	04	A1
16	WD-91071-S-65	Door Assembly (for single link)	05	A1
17	WD-91071-S-66	Door Details.	10	A1
18	WD-91071-S-69	Brake Diagram.	11	A1
19	WD-89007-S-70	Brake Gear Arrangement.	07	A1
20	WD-89007-S-71	Brake Details (Sheet-I)	06	A1
21	WD-89007-S-72	Brake Details (Sheet-II)	09	A1
22	WD-91071-S-73	Hand Brake Arrangement & Details.	08	A1
23	WD-91071-S-74	Air Brake Equipment & Pipe Layout.	07	A1
24	WD-91071-S-75	Air Brake Pipe Details. (SHEET-I)	04	A1
25	WD-91071-S-75	Air Brake Pipe Details. (SHEET-II)	04	A1
26	WD-91071-S-76	Air Brake Details.	04	A1
27	WD-89007-S-78	Uncoupling Gear Arrangement & Details.	05	A1
28	WD-91071-S-79	Door Operating Air Pipe Layout	05	A1
29	WD-91071-S-80	Door Operating Pipe Arrangement & Details.	06	A1
30	WD-91071-S-81	Marking Diagram	16	A1
31	WD-89007-S-83	Centre Filler Arrangement & Details.	04	A1
32	WD-94002-S-02	Anti- pilferage device for D.O.M. components	NIL	A1
33	WD-91101-S-05	Quick coupling Arrangement & Details for Detachable pressure Gauge.	05	A1
34	WD-89073-S-02	CASNUB 22NLB Bogie General Arrangement	11	A1

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
35	WD-81010-S-03	Arrangement of High Tensile CBC (Non-Transition)	13	A1
36	WD-88036-S-02	Fitment of load sensing device CASNUB Bogie. (Escorts Equipment)	04	A1
37	WD7-2004-24	Strengthening of side top coping.	01	A4
38	WD-92081-S-51	D.O.M. Arrangement (Sheet-I)	03	A1
39	WD-92081-S-52	D.O.M. Arrangement (Sheet-II)	04	A1
40	WD-92081-S-53	Connecting Rod & Bushes for D.O.M.	03	A2
41	WD-92081-S-54 sh 01	Controlling Dimensions of Air Cylinder	02	A2
	WD-92081-S-54 sh 02	Controlling Dimensions of Air Cylinder	Nil	A2
42	WD-92081-S-55	Levers.	03	A1
43	WD-92081-S-56	Secondary Lock Assembly & Details.	05	A1
44	WD-92081-S-57	Details of D.O.M.	10	A1
45	WD-92081-S-59	Adjustable lever for D.O.M. (Assembly & Details).	08	A1

LIST OF CONSTRUCTION DRAWINGS 'BOBRNM1' DESIGN-'D'(CC+6t+2t)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-91071-S-50	Index BOBRN and its variants	16	A1
2	WD-91071-S-51	Diagram.	14	A1
3	WD-91071-S-52	General Arrangement.	07	A1
4	WD-91071-S-53	Underframe Arrangement.	04	A1
5	WD-91071-S-54	Centre Sill and End Sill Details.	09	A1
6	WD-91071-S-55	Cross Ridge Assembly & Details.	05	A1
7	WD-91071-S-56	Centre Pivot & Side Bearer Arrangement.	05	A1
8	WD-91071-S-57	Bolster Details.	05	A1
9	WD-91071-S-58	Body Structure Assembly	05	A1
10	WD-91071-S-59	Side-Wall Assembly & Details.	07	A1
11	WD-91071-S-60	End-Wall (X-End) Assembly & Details.	05	A1
12	WD-91071-S-61	End-Wall (Y-End) Assembly & Details	05	A1
13	WD-91071-S-62	End Frame Construction & Details.	03	A1
14	WD-91071-S-63	Hopper Arrangement.	05	A1
15	WD-91071-S-64	Hopper Details.	04	A1
16	WD-96038-S-03	Door Assembly (for Double link)	07	A1
17	WD-91071-S-66	Door Details.	10	A1
18	WD-91071-S-69	Brake Diagram.	11	A1
19	WD-89007-S-70	Brake Gear Arrangement.	07	A1
20	WD-89007-S-71	Brake Details (Sheet-I)	06	A1
21	WD-89007-S-72	Brake Details (Sheet-II)	09	A1
22	WD-91071-S-73	Hand Brake Arrangement & Details.	08	A1
23	WD-91071-S-74	Air Brake Equipment & Pipe Layout.	07	A1
24	WD-91071-S-75	Air Brake Pipe Details. (SHEET-I)	04	A1
25	WD-91071-S-75	Air Brake Pipe Details. (SHEET-II)	04	A1
26	WD-91071-S-76	Air Brake Details.	04	A1
27	WD-89007-S-78	Uncoupling Gear Arrangement & Details.	05	A1
28	WD-91071-S-79	Door Operating Air Pipe Layout	05	A1
29	WD-91071-S-80	Door Operating Pipe Arrangement & Details	06	A1
30	WD-91071-S-81	Marking Diagram	16	A1
31	WD-89007-S-83	Centre Filler Arrangement & Details.	04	A1
32	WD-94002-S-02	Anti pilferage device for D.O.M. components	NIL	A1
33	WD-91101-S-05	Quick coupling Arrangement & Details for Detachable pressure Gauge.	05	A1
34	WD-89073-S-02	CASNUB 22NLB Bogie General Arrangement	11	A1

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
35	WD-81010-S-03	Arrangement of High Tensile CBC (Non-Transition)	13	A1
36	WD-88036-S-02	Fitment of load sensing device casnub Bogie. (Escorts Equipment)	04	A1
37	WD7-2004-24	Strengthening of side top coping.	01	A4
38	WD-96038-S-01	D.O.M. Arrangement (Sheet-I)	04	A1
39	WD-96038-S-02	D.O.M. Arrangement (Sheet-II)	03	A1
40	WD-96038-S-04	Adjustable lever for D.O.M. (Assembly & Details).	07	A1
41	WD-92081-S-53	Connecting Rod & Bushes for D.O.M.	03	A2
42	WD-92081-S-54 sh 01	Controlling Dimensions of Air Cylinder	02	A2
	WD-92081-S-54 sh 02	Controlling Dimensions of Air Cylinder	Nil	A2
43	WD-92081-S-55	Levers.	03	A1
44	WD-92081-S-56	Secondary Lock Assembly & Details.	05	A1
45	WD-92081-S-57	Details of D.O.M.	10	A1

LIST OF CONSTRUCTION DRAWINGS 'BOBRNEL' DESIGN-'E' (IRON ORE-25t)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-91071-S-50	Index BOBRN and its variants	16	A1
2	WD-91071-S-51	Diagram.	14	A1
3	WD-91071-S-52	General Arrangement.	07	A1
4	WD-91071-S-53	Underframe Arrangement.	04	A1
5	WD-91071-S-54	Centre Sill and End Sill Details.	09	A1
6	WD-91071-S-55	Cross Ridge Assembly & Details.	05	A1
7	WD-08022-S-56	Centre Pivot & Side Bearer Arrangement.	NIL	A1
8	WD-91071-S-57	Bolster Details.	05	A1
9	WD-91071-S-58	Body Structure Assembly	05	A1
10	WD-91071-S-59	Side-Wall Assembly & Details.	07	A1
11	WD-91071-S-60	End-Wall (X-End) Assembly & Details.	05	A1
12	WD-91071-S-61	End-Wall (Y-End) Assembly & Details	05	A1
13	WD-91071-S-62	End Frame Construction & Details.	03	A1
14	WD-91071-S-63	Hopper Arrangement.	05	A1
15	WD-91071-S-64	Hopper Details.	04	A1
16	WD-96038-S-03	Door Assembly (for Double link)	07	A1
17	WD-91071-S-66	Door Details.	10	A1
18	WD-91071-S-69	Brake Diagram.	11	A1
19	WD-89007-S-70	Brake Gear Arrangement.	07	A1
20	WD-89007-S-71	Brake Details (Sheet-I)	06	A1
21	WD-89007-S-72	Brake Details (Sheet-II)	09	A1
22	WD-91071-S-73	Hand Brake Arrangement & Details.	08	A1
23	WD-91071-S-74	Air Brake Equipment & Pipe Layout.	07	A1
24	WD-91071-S-75	Air Brake Pipe Details. (SHEET-I)	04	A1
25	WD-91071-S-75	Air Brake Pipe Details. (SHEET-II)	04	A1
26	WD-91071-S-76	Air Brake Details.	04	A1
27	WD-89007-S-78	Uncoupling Gear Arrangement & Details.	05	A1
28	WD-91071-S-79	Door Operating Air Pipe Layout	05	A1
29	WD-91071-S-80	Door Operating Pipe Arrangement & Details.	06	A1
30	WD-91071-S-81	Marking Diagram	16	A1
31	WD-89007-S-83	Centre Filler Arrangement & Details.	04	A1
32	WD-94002-S-02	Anti -pilferage device for D.O.M. components	NIL	A1
33	WD-91101-S-05	Quick coupling Arrangement & Details for Detachable pressure Gauges	05	A1
34	WD-06059-S-02	CASNUB 22NLC Bogie General Arrangement	02	A1

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
35	WD-81010-S-03	Arrangement of High Tensile CBC (Non-Transition)	13	A1
36	WD-01065-S-02	Fitment of load sensing device CASNUB Bogie. (Escorts Equipment)	02	A1
37	WD7-2004-24	Strengthening of side top coping.	01	A4
38	WD-08022-S-01	Door Mechanism Arrangement (Sheet-I)	02	A1
39	WD-08022-S-02	Door Mechanism Arrangement (Sheet-II)	01	A1
40	WD-96038-S-04	Adjustable lever for D.O.M. (Assembly & Details).	07	A1
41	WD-08022-S-05	Connecting Rod & Bushes for D.O.M.	02	A1
42	WD-92081-S-54 sh 01	Controlling Dimensions of Air Cylinder	02	A2
	WD-92081-S-54 sh 02	Controlling Dimensions of Air Cylinder	Nil	A2
43	WD-08022-S-07	Levers.	NIL	A1
44	WD-92081-S-56	Secondary Lock Assembly & Details.	05	A1
45	WD-08022-S-09	Details of D.O.M.	01	A1

LIST OF CONSTRUCTION DRAWINGS 'BOBRNUG' DESIGN- 'F'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-91071-S-50	Index BOBRN and its variants	16	A1
2	WD-91071-S-51	Diagram.	14	A1
3	WD-91071-S-52	General Arrangement.	07	A1
4	WD-91071-S-53	Underframe Arrangement.	04	A1
5	WD-91071-S-54	Centre Sill and End Sill Details.	09	A1
6	WD-91071-S-55	Cross Ridge Assembly & Details.	05	A1
7	WD-05016-S-56	Centre Pivot & Side Bearer Arrangement.	02	A1
8	WD-91071-S-57	Bolster Details.	05	A1
9	WD-91071-S-58	Body Structure Assembly	05	A1
10	WD-91071-S-59	Side-Wall Assembly & Details.	07	A1
11	WD-91071-S-60	End-Wall (X-End) Assembly & Details.	05	A1
12	WD-91071-S-61	End-Wall (Y-End) Assembly & Details	05	A1
13	WD-91071-S-62	End Frame Construction & Details.	03	A1
14	WD-91071-S-63	Hopper Arrangement.	05	A1
15	WD-91071-S-64	Hopper Details.	04	A1
16	WD-96038-S-03	Door Assembly (for Double link)	07	A1
17	WD-91071-S-66	Door Details.	10	A1
18	WD-91071-S-69	Brake Diagram.	11	A1
19	WD-89007-S-70	Brake Gear Arrangement.	07	A1
20	WD-89007-S-71	Brake Details (Sheet-I)	06	A1
21	WD-89007-S-72	Brake Details (Sheet-II)	09	A1
22	WD-91071-S-73	Hand Brake Arrangement & Details.	08	A1
23	WD-91071-S-74	Air Brake Equipment & Pipe Layout.	07	A1
24	WD-91071-S-75	Air Brake Pipe Details. (SHEET-I)	04	A1
25	WD-91071-S-75	Air Brake Pipe Details. (SHEET-II)	04	A1
26	WD-91071-S-76	Air Brake Details.	04	A1
27	WD-89007-S-78	Uncoupling Gear Arrangement & Details.	05	A1
28	WD-91071-S-79	Door Operating Air Pipe Layout	05	A1
29	WD-91071-S-80	Door Operating Pipe Arrangement & Details.	06	A1
30	WD-91071-S-81	Marking Diagram	16	A1
31	WD-89007-S-83	Centre Filler Arrangement & Details.	04	A1
32	WD-94002-S-02	Anti pilferage device for D.O.M. components	NIL	A1
33	WD-91101-S-05	Quick coupling Arrangement & Details for Detachable pressure Gauges.	05	A1
34	WD-08004-S-02	CASNUB 22UG Bogie General Arrangement	01	A1

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
35	WD-81010-S-03	Arrangement of High Tensile CBC (Non Transition)	13	A1
36	WD-01065-S-02	Fitment of load sensing device CASNUB Bogie. (Escorts Equipment)	02	A1
37	WD7-2004-24	Strengthening of side top coping.	01	A4
38	WD-09038-S-01	D.O.M. Arrangement (Sheet-I)	03	A1
39	WD-96038-S-02	D.O.M. Arrangement (Sheet-II)	03	A1
40	WD-96038-S-04	Adjustable lever for D.O.M. (Assembly & Details).	07	A1
41	WD-92081-S-53	Connecting Rod & Bushes for D.O.M.	03	A2
42	WD-92081-S-54 sh 01	Controlling Dimensions of Air Cylinder	02	A2
	WD-92081-S-54 sh 02	Controlling Dimensions of Air Cylinder	Nil	A2
43	WD-92081-S-55	Levers.	03	A1
44	WD-92081-S-56	Secondary Lock Assembly & Details.	05	A1
45	WD-92081-S-57	Details of D.O.M.	10	A1

LIST OF CONSTRUCTION DRAWINGS 'BOBRNHS' DESIGN-`G`

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-91071-S-50	Index BOBRN and its variants	16	A1
2	WD-91071-S-51	Diagram.	14	A1
3	WD-91071-S-52	General Arrangement.	07	A1
4	WD-91071-S-53	Underframe Arrangement.	04	A1
5	WD-91071-S-54	Centre Sill and End Sill Details.	09	A1
6	WD-91071-S-55	Cross Ridge Assembly & Details.	05	A1
7	WD-05016-S-56	Centre Pivot & Side Bearer Arrangement.	02	A1
8	WD-91071-S-57	Bolster Details.	05	A1
9	WD-91071-S-58	Body Structure Assembly	05	A1
10	WD-91071-S-59	Side-Wall Assembly & Details.	07	A1
11	WD-91071-S-60	End-Wall (X-End) Assembly & Details.	05	A1
12	WD-91071-S-61	End-Wall (Y-End) Assembly & Details	05	A1
13	WD-91071-S-62	End Frame Construction & Details.	03	A1
14	WD-91071-S-63	Hopper Arrangement.	05	A1
15	WD-91071-S-64	Hopper Details.	04	A1
16	WD-96038-S-03	Door Assembly (for Double link)	07	A1
17	WD-91071-S-66	Door Details.	10	A1
18	WD-91071-S-69	Brake Diagram.	11	A1
19	WD-89007-S-70	Brake Gear Arrangement.	07	A1
20	WD-89007-S-71	Brake Details (Sheet-I)	06	A1
21	WD-89007-S-72	Brake Details (Sheet-II)	09	A1
22	WD-91071-S-73	Hand Brake Arrangement & Details.	08	A1
23	WD-91071-S-74	Air Brake Equipment & Pipe Layout.	07	A1
24	WD-91071-S-75	Air Brake Pipe Details. (SHEET-I)	04	A1
25	WD-91071-S-75	Air Brake Pipe Details. (SHEET-II)	04	A1
26	WD-91071-S-76	Air Brake Details.	04	A1
27	WD-89007-S-78	Uncoupling Gear Arrangement & Details.	05	A1
28	WD-91071-S-79	Door Operating Air Pipe Layout	04	A1
29	WD-91071-S-80	Door Operating Pipe Arrangement & Details.	05	A1
30	WD-91071-S-81	Marking Diagram	16	A1
31	WD-89007-S-83	Centre Filler Arrangement & Details.	04	A1
32	WD-94002-S-02	Anti- pilferage device for D.O.M. components	NIL	A1
33	WD-91101-S-05	Quick coupling Arrangement & Details for Detachable pressure Gauges.	05	A1
34	WD-04038-S-02	CASNUB 22HS Bogie General Arrangement (with Spherical center pivot)	05	A1

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
35	WD-04078-S-01	CASNUB 22HS Bogie General Arrangement (with Flat center pivot)	04	A1
36	WD-81010-S-03	Arrangement of High Tensile CBC (Non Transition)	13	A1
37	WD-01065-S-02	Fitment of load sensing device CASNUB Bogie. (Escorts Equipments)	02	A1
38	WD7-2004-24	Strengthening of side top coping.	01	A4
39	WD-96038-S-01	D.O.M. Arrangement (Sheet-I)	04	A1
40	WD-96038-S-02	D.O.M. Arrangement (Sheet-II)	03	A1
41	WD-96038-S-04	Adjustable lever for D.O.M. (Assembly & Details).	07	A1
42	WD-92081-S-53	Connecting Rod & Bushes for D.O.M.	03	A2
43	WD-92081-S-54 sh 01	Controlling Dimensions of Air Cylinder	02	A2
	WD-92081-S-54 sh 02	Controlling Dimensions of Air Cylinder	Nil	A2
44	WD-92081-S-55	Levers.	03	A1
45	WD-92081-S-56	Secondary Lock Assembly & Details.	05	A1
46	WD-92081-S-57	Details of D.O.M.	10	A1

LIST OF CONSTRUCTION DRAWINGS 'BOBRNHSM1' DESIGN-'H'
(CC+6t+2t)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-91071-S-50	Index BOBRN and its variants	16	A1
2	WD-91071-S-51	Diagram.	14	A1
3	WD-91071-S-52	General Arrangement.	07	A1
4	WD-91071-S-53	Under frame Arrangement.	04	A1
5	WD-91071-S-54	Centre Sill and End Sill Details.	09	A1
6	WD-91071-S-55	Cross Ridge Assembly & Details.	05	A1
7	WD-05016-S-56	Centre Pivot & Side Bearer Arrangement.	02	A1
8	WD-91071-S-57	Bolster Details.	05	A1
9	WD-91071-S-58	Body Structure Assembly	05	A1
10	WD-91071-S-59	Side-Wall Assembly & Details.	07	A1
11	WD-91071-S-60	End-Wall (X-End) Assembly & Details.	05	A1
12	WD-91071-S-61	End-Wall (Y-End) Assembly & Details	05	A1
13	WD-91071-S-62	End Frame Construction & Details.	03	A1
14	WD-91071-S-63	Hopper Arrangement.	05	A1
15	WD-91071-S-64	Hopper Details.	04	A1
16	WD-96038-S-03	Door Assembly (for Double link)	07	A1
17	WD-91071-S-66	Door Details.	10	A1
18	WD-91071-S-69	Brake Diagram.	11	A1
19	WD-89007-S-70	Brake Gear Arrangement.	07	A1
20	WD-89007-S-71	Brake Details (Sheet-I)	06	A1
21	WD-89007-S-72	Brake Details (Sheet-II)	09	A1
22	WD-91071-S-73	Hand Brake Arrangement & Details.	08	A1
23	WD-91071-S-74	Air Brake Equipment & Pipe Layout.	07	A1
24	WD-91071-S-75	Air Brake Pipe Details. (SHEET-I)	04	A1
25	WD-91071-S-75	Air Brake Pipe Details. (SHEET-II)	04	A1
26	WD-91071-S-76	Air Brake Details.	04	A1
27	WD-89007-S-78	Uncoupling Gear Arrangement & Details.	05	A1
28	WD-91071-S-79	Door Operating Air Pipe Layout	04	A1
29	WD-91071-S-80	Door Operating Pipe Arrangement & Details.	05	A1
30	WD-91071-S-81	Marking Diagram	16	A1
31	WD-89007-S-83	Centre Filler Arrangement & Details.	04	A1
32	WD-94002-S-02	Anti- pilferage device for D.O.M. components	NIL	A1
33	WD-91101-S-05	Quick coupling Arrangement & Details for Detachable pressure Gauges.	05	A1
34	WD-04038-S-02	CASNUB 22HS Bogie General Arrangement (with Spherical center pivot)	05	A1

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
35	WD-04078-S-01	CASNUB 22HS Bogie General Arrangement (with Flat center pivot)	04	A1
36	WD-81010-S-03	Arrangement of High Tensile CBC (Non Transition)	13	A1
37	WD-01065-S-02	Fitment of load sensing device CASNUB Bogie. (Escorts Equipments)	02	A1
38	WD7-2004-24	Strengthening of side top coping.	01	A4
39	WD-96038-S-01	D.O.M. Arrangement (Sheet-I)	04	A1
40	WD-96038-S-02	D.O.M. Arrangement (Sheet-II)	03	A1
41	WD-96038-S-04	Adjustable lever for D.O.M. (Assembly & Details).	07	A1
42	WD-92081-S-53	Connecting Rod & Bushes for D.O.M.	03	A2
43	WD-92081-S-54 sheet 01	Controlling Dimensions of Air Cylinder	02	A2
	WD-92081-S-54 sheet 02	Controlling Dimensions of Air Cylinder	Nil	A2
44	WD-92081-S-55	Levers.	03	A1
45	WD-92081-S-56	Secondary Lock Assembly & Details.	05	A1
46	WD-92081-S-57	Details of D.O.M.	10	A1

LIST OF CONSTRUCTION DRAWINGS (BOBRNHSM1-MBS)
DESIGN-`J (CC+6t+2t)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-91071-S-50	Index BOBRN and its variants	16	A1
2	WD-09065-S-51	Diagram	03	A1
3	WD-09065-S-52	General Arrangement	02	A1
4	WD-09065-S-53	Under Frame Arrangement.	NIL	A1
5	WD-09065-S-54	Centre Sill & End Sill Details	02	A1
6	WD-91071-S-55	Cross Ridge Assembly & Details	05	A1
7	WD-05016-S-56	Centre Pivot & Side Bearer Arrangement. (Fitted with CASNUB -22HS Bogie)	02	A1
8	WD-91071-S-57	Bolster Details	05	A1
9	WD-91071-S-58	Body Structure Assembly	05	A1
10	WD-91071-S-59	Side-Wall Assembly & Details.	07	A1
11	WD-91071-S-60	End-Wall (X-End) Assembly & Details.	05	A1
12	WD-91071-S-61	End-Wall (Y-End) Assembly & Details.	05	A1
13	WD-91071-S-62	End Frame Construction & Details.	03	A1
14	WD-91071-S-63	Hopper Arrangement.	05	A1
15	WD-91071-S-64	Hopper Details.	04	A1
16	WD-96038-S-03	Door Assembly (for Double link)	07	A1
17	WD-91071-S-66	Door Details.	10	A1
18	WD-09065-S-69	Brake Diagram..	01	A1
19	WD-09065-S-73	Hand Brake Arrangement & Details	02	A1
20	WD-09065-S-74	Fitment Air Brake Equipment & Pipe Layout.	02	A1
21	WD-09065-S-75	Details of Pipes for Fitment of Air Brake Equipment Details. (SHEET-1 of 2)	04	A1
22	WD-09065-S-75	Details of Pipes for Fitment of Air Brake Equipment Details. (SHEET-2 of 2)	03	A1
23	WD-09065-S-76	Air Brake Details for Fitment of Air Brake Equipments	01	A1
24	WD-89007-S-78	Uncoupling Gear Arrangement & Details.	05	A1
25	WD-91071-S-79	Door operating air pipe layout.	04	A1
26	WD-91071-S-80	Door operating pipe Arrangement & Details	05	A1
27	WD-09065-S-81	Marking Diagram	11	A1
28	WD-89007-S-83	Centre Filler Arrangement & Details.	04	A1
29	WD-94002-S-02	Anti- Pilferage Device for D.O.M. components	NIL	A1
30	WD-91101-S-05	Quick coupling Arrangement & Details for Detachable pressure Gauges.	05	A1
31	WD-04038-S-02	CASNUB 22HS Bogie General Arrangement (with Spherical center pivot)	05	A1

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
32	WD-81010-S-03	Arrangement of High Tensile CBC (Non -Transition)	13	A1
33	WD7-2004-24	Strengthening of side top coping.	01	A4
34	WD-96038-S-01	D.O.M. Arrangement (Sheet-I)	04	A1
35	WD-96038-S-02	D.O.M. Arrangement (Sheet-II)	03	A1
36	WD-96038-S-04	Adjustable lever for D.O.M. (Assembly & Details).	07	A1
37	WD-92081-S-53	Connecting Rod & Bushes for D.O.M.	03	A2
38	WD-92081-S-54 sheet 01	Controlling Dimensions of Air Cylinder	02	A2
	WD-92081-S-54 sheet 02	Controlling Dimensions of Air Cylinder	Nil	A2
39	WD-92081-S-55	Levers.	03	A1
40	WD-92081-S-56	Secondary Lock Assembly & Details.	05	A1
41	WD-92081-S-57	Details of D.O.M.	10	A1
42	WD-10083-S-01	Static Load Test	01	A1

LIST OF CONSTRUCTION DRAWINGS (BOBRNHSM1-MBS)
DESIGN-`K` (CC+6t+2t)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-91071-S-50	Index BOBRN and its variants	16	A1
2	WD-15042-S-51	Diagram	02	A1
3	WD-15042-S-52	General Arrangement	03	A1
4	WD-15042-S-53	Under Frame Arrangement.	01	A1
5	WD-15042-S-54	Centre Sill & End Sill Details	02	A1
6	WD-15042-S-55	Cross Ridge Assembly & Details	NIL	A1
7	WD-15042-S-56	Centre Pivot & Side Bearer Arrangement. (Fitted with CASNUB 22 HS Bogie)	NIL	A1
8	WD-15042-S-57	Bolster Details	02	A1
9	WD-91071-S-58	Body Structure Assembly	05	A1
10	WD-91071-S-59	Side-Wall Assembly & Details.	07	A1
11	WD-91071-S-60	End-Wall (X-End) Assembly & Details.	05	A1
12	WD-91071-S-61	End-Wall (Y-End) Assembly & Details.	05	A1
13	WD-91071-S-62	End Frame Construction & Details.	03	A1
14	WD-15042-S-58	Hopper Arrangement.	01	A1
15	WD-15042-S-59	Hopper Details.	01	A1
16	WD-96038-S-03	Door Assembly (for Double Link)	07	A1
17	WD-91071-S-66	Door Details.	10	A1
18	WD-09065-S-69	Brake Diagram..	01	A1
19	WD-09065-S-73	Hand Brake Arrangement & Details	02	A1
20	WD-09065-S-74	Fitment Air Brake Equipment & Pipe Layout.	02	A1
21	WD-09065-S-75	Details of pipes for Fitment of Air Brake Equipments. (SHEET-1 of 2)	04	A1
22	WD-09065-S-75	Details of pipes for Fitment of Air Brake Equipments. (SHEET-2 of 2)	03	A1
23	WD-09065-S-76	Air Brake Details for fitment of Air Brake Equipment.	01	A1
24	WD-89007-S-78	Uncoupling Gear Arrangement & Details.	05	A1
25	WD-91071-S-79	Door operating air pipe layout	05	A1
26	WD-91071-S-80	Door operating pipe Arrangement & Details	06	A1
27	WD-09065-S-81	Marking Diagram	11	A1
28	WD-15042-S-60	Centre filler Arrangement & Details	01	A1
29	WD-94002-S-02	Anti-Pilferage Device for D.O.M. components	NIL	A1
30	WD-91101-S-05	Quick coupling Arrangement & Details for Detachable pressure Gauges.	05	A1
31	WD-81010-S-03	Arrangement of High Tensile CBC (Non Transition)	13	A1
32	WD7-2004-24	Strengthening of side top coping.	01	A4
33	WD-96038-S-01	D.O.M. Arrangement (Sheet-I)	04	A1
34	WD-96038-S-02	D.O.M. Arrangement (Sheet-II)	03	A1
35	WD-96038-S-04	Adjustable lever for D.O.M. (Assembly & Details).	07	A1
36	WD-92081-S-53	Connecting Rod & Bushes for D.O.M.	03	
37	WD-92081-S-54 sheet 01	Controlling Dimensions of Air Cylinder	02	A2
38	WD-92081-S-54 sheet 02	Controlling Dimensions of Air Cylinder	Nil	A2
39	WD-92081-S-55	Levers.	03	A1
40	WD-92081-S-56	Secondary Lock Assembly & Details.	05	A1
41	WD-92081-S-57	Details of D.O.M.	10	A1
42	WD-10083-S-01	Static Load Test	NIL	A1

List Of Construction Drawings'BOBRNHSM2' Design-`L` (with BMBS)

S. No.	Drawing No.	Description	Last No.	Alt.	DRG. Size
1	WD-91071-S-50	Index	16		A1
2	WD-21010-S-51	Diagram	03		A1
3	WD-15042-S-52	General Arrangement	03		A1
4	WD-15042-S-53	Under Frame Arrangement	01		A1
5	WD-15042-S-54	Centre Sill & End Sill Details	02		A1
6	WD-15042-S-55	Cross Ridge Assembly & Details	NIL		A1
7	WD-15042-S-57	Bolster Details	02		A1
8	WD-15042-S-58	Hopper Arrangement	01		A1
9	WD-15042-S-59	Hopper Details	01		A1
10	WD-15042-S-60	Centre Filler Arrangement & Details	01		A1
11	WD-20024-S-04	Centre Pivot And Side Bearer Arrangement	03		A1
12	WD-21010-S-81	Marking Diagram	02		A1
13	WD-91071-S-01	Diagram (For Speed Certificate)	18		A1
14	WD-91071-S-58	Body Structure Assembly	05		A1
15	WD-91071-S-59	Side Wall Assembly & Details	07		A1
16	WD-91071-S-60	End Wall(X-End) Assembly & Details	05		A1
17	WD-91071-S-61	End Wall(Y-End) Assembly & Details	05		A1
18	WD-91071-S-62	End Frame Construction & Details	03		A1
19	WD-91071-S-66	Door Details	10		A1
20	WD-91071-S-79	Door Operating Air Pipe Layout	05		A1
21	WD-91071-S-80	Door Operating Pipe Arrangement. & Details	06		A1
22	WD-09065-S-69	Brake Diagram	01		A1
23	WD-09065-S-73	Hand Brake Arrangement & Details	02		A1
24	WD-09065-S-74	Fitment Of Air Brake Equipment & Pipe Layout	02		A1
25	WD-09065-S-75	Details Of Pipes For Fitment Of Air Brake Equipment (Sheet -1 of 2)	04		A1
26	WD-09065-S-75	Details Of Pipes For Fitment Of Air Brake Equipment (Sheet -2 of 2)	03		A1
27	WD-09065-S-76	Air Brake Details For Fitment Of Air Brake Equipments	01		A1
28	WD-89007-S-78	Uncoupling Gear Arrangement & Details	05		A1
29	WD-94002-S-02	Anti-pilferage Device For D.O.M. Components	NIL		A1
30	WD-91101-S-05	Quick Coupling Arrangement & Details For Detachable Pressure Gauges	05		A1
31	WD-81010-S-03	Arrangement Of HTCBC (Non- Transition)	13		A1
32	WD7-2004/24	Strengthening Of Side Top Coping	01		A4
33	WD-96038-S-01	D.O.M. Arrangement (Sheet-I)	04		A1
34	WD-96038-S-02	D.O.M. Arrangement (Sheet-II)	03		A1
35	WD-96038-S-03	Door Assembly (For Double Link)	07		A1
36	WD-96038-S-04	Adjustable Lever For D.O.M. (Assembly & Details)	07		A1
37	WD-92081-S-53	Connecting Rod & Bushes For D.O.M.	03		A2
38	WD-92081-S-54 sheet 01	Controlling Dimensions of Air Cylinder	02		A2

39	WD-92081-S-54 sheet 02	Controlling Dimensions of Air Cylinder	Nil	A2
40	WD-92081-S-55	Levers	03	A1
41	WD-92081-S-56	Secondary Lock Assembly & Details	05	A1
42	WD-92081-S-57	Details Of D.O.M.	10	A1
43	WD-22069-S-01	Static load test	nil	A1
44	WD-04078-S-01	Bogie General Arrgt. With Flat Centre Pivot Assembly (CASNUB 22HS)	04	A1

List Of Construction Drawings' BOBRNHSM2' Design- 'M'
(with Conventional Air Brake)

S. No.	Drawing No.	Description	Last Alt. No.	DRG. Size
1	WD-91071-S-50	Index	16	A1
2	WD-21010-S-51	Diagram	03	A1
3	WD-15042-S-52	General Arrangement	03	A1
4	WD-15042-S-53	Underframe Arrangement	01	A1
5	WD-15042-S-54	Centre Sill & End Sill Details	02	A1
6	WD-15042-S-55	Cross Ridge Assembly & Details	NIL	A1
7	WD-15042-S-57	Bolster Details	02	A1
8	WD-15042-S-58	Hopper Arrangement	01	A1
9	WD-15042-S-59	Hopper Details	01	A1
10	WD-15042-S-60	Centre Filler Arrangement & Details	01	A1
11	WD-20024-S-04	Centre Pivot and Side Bearer Arrangement	03	A1
12	WD-21010-S-81	Marking Diagram	02	A1
13	WD-91071-S-01	Diagram (For Speed Certificate)	18	A1
14	WD-91071-S-58	Body Structure Assembly	05	A1
15	WD-91071-S-59	Side Wall Assembly & Details	07	A1
16	WD-91071-S-60	End Wall(X-End) Assembly & Details	05	A1
17	WD-91071-S-61	End Wall(Y-End) Assembly & Details	05	A1
18	WD-91071-S-62	End Frame Construction & Details	03	A1
19	WD-91071-S-66	Door Details	10	A1
20	WD-91071-S-79	Door Operating Air Pipe Layout	05	A1
21	WD-91071-S-80	Door Operating Pipe Arrangement. & Details	06	A1
22	WD-91071-S-69	Brake Diagram	11	A1
23	WD-91071-S-73	Hand Brake Arrangement & Details	08	A1
24	WD-91071-S-74	Air Brake Equipment & Pipe Layout	07	A1
25	WD-91071-S-75 (Sheet -1 of 2)	Air Brake Pipe details	04	A1
26	WD-91071-S-75 (Sheet -2 of 2)	Air Brake Pipe details	04	A1
27	WD-91071-S-76	Air Brake Details	04	A1
28	WD-01065-S-02	Fitment Of Load Sensing Device CASNUB Bogie (Escorts Equipments)	02	A1
29	WD-89007-S-70	Brake Gear Arrgt.	07	
30	WD-89007-S-71	Brake Details (Sh-I)	06	A1
31	WD-89007-S-72	Brake Details (Sh-II)	09	A1
32	WD-89007-S-78	Uncoupling Gear Arrgt. & Details	05	A1
33	WD-94002-S-02	Antipilferage Device for D.O.M. Components	Nil	A4
34	WD-91101-S-05	Quick coupling arrgt. & details for detachable pressure gauges	05	A1
35	WD-81010-S-03	Arrangt. of HTCBC (Non-transition)	13	A1
36	WD7-2004/24	Strengthening of Side top coping	01	A1
37	WD-96038-S-01	D.O.M. Arrangement. (Sh-I)	04	A1

38	WD-96038-S-02	D.O.M. Arrangement. (Sh-II)	03	A1
39	WD-96038-S-03	Door Assembly (for Double link)	07	A1
40	WD-96038-S-04	Adjustable lever for D.O.M. (Assembly & details)	07	A1
41	WD-92081-S-53	Connecting Rod & Bushes for D.O.M.	03	A2
42	WD-92081-S-54	Controlling Dimensions of Air Cylinder (Sh-I of II)	02	A2
43	WD-92081-S-54	Controlling Dimensions of Air Cylinder (Sh-I of II)	NIL	A2
44	WD-92081-S-55	Levers	03	A1
45	WD-92081-S-56	Secondary Lock Assembly & Details	05	A1
46	WD-92081-S-57	Details of D.O.M.	10	A1
47	WD-22069-S-01	Static Load Test	NIL	A1
48	WD-04078-S-01	Bogie General Arrgt. with Flat Centre Pivot Assembly (CASNUB 22HS)	04	A1

LIST OF CONSTRUCTION DRAWINGS 'BOBSN' Design-'A' (22.9t A/L)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-94035-S-01	Index	04	A1
2	WD-94035-S-02	Diagram	06	A1
3	WD-94035-S-03	General Arrangement	02	A1
4	WD-94035-S-04	Under frame Arrangement.	02	A1
5	WD-94035-S-05	Under frame Details (Sheet-I)	03	A1
6	WD-94035-S-06	Under frame Details (Sheet-II)	02	A1
7	WD-94035-S-07	Under frame Details (Sheet-III)	03	A1
8	WD-94035-S-08	Under frame Brake Gear Arrangement.	01	A1
9	WD-94035-S-09	Under frame Brake Gear Details.	02	A1
10	WD-94035-S-10	Hand Brake Arrangement & Details.	01	A1
11	WD-94035-S-11	Brake Diagram.	04	A1
12	WD-94035-S-12	Fitment of Air Brake Equipment & pipe Layout.	04	A1
13	WD-94035-S-13	Details for Fitment of Air Brake Equipment.	03	A1
14	WD-94035-S-14	Details of Pipe for Fitment of Air Brake Equipment.	03	A1
15	WD-94035-S-16	Door Details.	01	A1
16	WD-94035-S-17	Marking Diagram.	06	A1
17	Drg.2223-73-M	Body Arrangement.	01	A0
18	Drg.2223-74-M	Details of Body Joints.	Nil	A0
19	Drg.2223-75-M	Body Details.	01	A0
20	Drg.2223-76-M	Details of Body	01	A0
21	Drg.2223-77-M	Details of Body Side & Doors.	01	A0
22	Drg.2223-78-M	Details of Body End & Partition.	01	A0
23	Drg.2223-79-M	Details of Body End & Partitions.	01	A0
24	Drg.2223-80-M	Floor Supporting Frame & other Details	01	A0
25	Drg.2223-81-M	Door Locking Arrangement & Cross Section of Body	Nil	A0
26	Drg.2223-83-M	Details of Door Locking Device.	01	A0
27	WD-89022-S-01	Centre Pivot & Side Bearer Arrangement	01	A1
28	WD-81010-S-03	Fitment of Coupler, High Capacity Draft Gear, Striker Casting, Yoke Pin Support, Yoke & Back Stop etc.	13	A1
29	WD-91030-S-1	Anti Pilferage device for Bogie End Pull Rod	01	A4
30	WD-90096-S-1	Index. of CASNUB 22 NLB Bogie	04	A1
31	SK-76535	Arrangement of Single piece uncoupling Gear for NON-Transition CBC.	02	A1
32	WD-12019-S-01	Static Load Test Chart	Nil	A1

LIST OF CONSTRUCTION DRAWINGS 'BOBSN' Design-'B'
(22.9t A/L with BMBS)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-94035-S-01	Index	04	A1
2	WD-94035-S-02	Diagram	06	A1
3	WD-12027-S-03	General Arrangement	02	A1
4	WD-12027-S-04	Under frame Arrangement.	02	A1
5	WD-12027-S-05	Under frame Details (Sheet-I)	02	A1
6	WD-12027-S-06	Under frame Details (Sheet-II)	02	A1
7	WD-12027-S-07	Under frame Details (Sheet-III)	03	A1
8	WD-12027-S-09	Hand Brake Arrangement	02	A1
9	WD-12027-S-10	Hand Brake Details	03	A1
10	WD-12027-S-11	Brake Diagram.	Nil	A1
11	WD-12027-S-12	Fitment of Graduated Release Air Brake Equipment & pipe Layout	02	A1
12	WD-12027-S-13	Details of Pipes for Fitment of Air Brake Equipment	03	A1
13	WD-12027-S-14	Details for Fitment of Air Brake Equipment.	02	A1
14	WD-12027-S-16	Door Details.	Nil	A1
15	WD-12027-S-17	Marking Diagram.	05	A1
16	WD-12027-S-73	Body Arrangement.	Nil	A1
17	WD-12027-S-74	Details of Body Joints.	Nil	A1
18	WD-12027-S-75	Body Details.	Nil	A1
19	WD-12027-S-76	Details of Body	Nil	A1
20	WD-12027-S-77	Details of Body Side	Nil	A1
21	WD-12027-S-78	Details of Body End & Partitions	Nil	A1
22	WD-12027-S-79	Details of Hooper floor	01	A1
23	WD-12027-S-80	Floor Supporting Frame & other Details	Nil	A1
24	WD-12027-S-81	Door Locking Arrangement & Cross Section of Body	Nil	A1
25	WD-12027-S-83	Details of Door Locking Device.	Nil	A1
26	WD-12027-S-84	STATIC LOAD TEST CHART	02	A1
27	WD-89022-S-01	Centre Pivot & Side Bearer Arrangement	01	A1
28	WD-81010-S-03	Arrangement of High Tensile CBC.	13	A1
29	WD-91030-S-01	Anti Pilferage device for Bogie End Pull Rod	01	A4
30	WD-90096-S-01	Index. OF CASNUB 22 NLB Bogie	04	A1
31	SK-76535	Arrangement of Single piece uncoupling Gear for NON-Transition CBC.	02	A1

LIST OF CONSTRUCTION DRAWINGS 'BOBSNM1' Design-'C' (25.0 t A/L)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-94035-S-01	Index	04	A1
2	WD-94035-S-02	Diagram	06	A1
3	WD-17033-S-01	General Arrangement	01	A1
4	WD-17033-S-02	Under frame Arrangement.	02	A1
5	WD-94035-S-05	Under frame Details (Sheet-I)	03	A1
6	WD-94035-S-06	Under frame Details (Sheet-II)	02	A1
7	WD-94035-S-07	Under frame Details (Sheet-III)	03	A1
8	WD-94035-S-08	Under frame Brake Gear Arrangement	01	A1
9	WD-94035-S-09	Under frame Brake Gear Details	02	A1
10	WD-94035-S-10	Hand Brake Arrangement & Details	01	A1
11	WD-94035-S-11	Brake Diagram	04	A1
12	WD-94035-S-12	Fitment of Graduated Release Air Brake Equipment & pipe Layout	04	A1
13	WD-94035-S-13	Details of Pipes for Fitment of Air Brake Equipment	03	A1
14	WD-94035-S-14	Details for Fitment of Air Brake Equipment.	03	A1
15	WD-94035-S-16	Door Details.	1	A1
16	WD-12027-S-73	Body Arrangement.	Nil	A1
17	WD-12027-S-74	Details of Body Joints.	Nil	A1
18	WD-12027-S-75	Body Details.	Nil	A1
19	WD-12027-S-76	Details of Body	Nil	A1
20	WD-12027-S-77	Details of Body Side	Nil	A1
21	WD-12027-S-78	Details of Body End & Partitions.	Nil	A1
22	WD-12027-S-79	Details of Hooper floor	01	A1
23	WD-12027-S-80	Floor Supporting Frame & other Details	Nil	A1
24	WD-12027-S-81	Door Locking Arrangement & Cross Section of Body	Nil	A1
25	WD-12027-S-83	Details of Door Locking Device.	Nil	A1
26	WD-17033-S-03	Centre Pivot & Side Bearer Arrangement	Nil	A1
27	WD-17033-S-04	STATIC LOAD TEST CHART	Nil	A1
28	WD-07036-S-01	Marking Diagram	08	A1
29	WD- 07049-S-01	Speed Certificate Diagram	-	-
30	WD-81010-S-03	Fitment of Coupler, High Capacity Draft Gear, Striker Casting, Yoke Pin Support, Yoke & Back Stop etc.	13	A1
31	WD-91030-S-1	Anti Pilferage device for Bogie End Pull Rod	01	A4
32	WD-06059-S-1	Index. OF CASNUB 22 NLC Bogie	Nil	A1
33	SK-76535	Arrangement of Single piece uncoupling Gear for NON-Transition CBC.	02	A1

LIST OF CONSTRUCTION DRAWINGS 'BOBSNS'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-18076-S-01	INDEX	01	A1
2	WD-18076-S-02	Diagram	05	A1
3	WD-18076-S-03	General Arrangement	Nil	A1
4	WD-18076-S-04	Under frame Arrangement.	01	A1
5	WD-18076-S-05	Under frame Details (Sheet-I)	01	A1
6	WD-18076-S-06	Under frame Details (Sheet-II)	01	A1
7	WD-18076-S-07	Under frame Details (Sheet-III)	01	A1
8	WD-18076-S-08	Under frame Brake Gear Arrangement	01	A1
9	WD-18076-S-09	Under frame Brake Gear Details	01	A1
10	WD-18076-S-10	Hand Brake Arrangement & Details	01	A1
11	WD-18076-S-11	Brake Diagram	03	A1
12	WD-18076-S-12	Fitment of Graduated Release Air Brake Equipment & pipe Layout	Nil	A1
13	WD-18076-S-13	Details of Pipes for Fitment of Air Brake Equipment	Nil	A1
14	WD-18076-S-14	Details for Fitment of Air Brake Equipment.	Nil	A1
15	WD-18076-S-15	Door Details.	Nil	A1
16	WD-18076-S-16	Body Arrangement.	01	A1
17	WD-18076-S-17	Details of Body Joints.	Nil	A1
18	WD-18076-S-18	Body Details.	Nil	A1
19	WD-18076-S-19	Details of Body	Nil	A1
20	WD-18076-S-20	Details of Body Side	Nil	A1
21	WD-18076-S-21	Details of Body End & Partitions.	01	A1
22	WD-18076-S-22	Details of Hooper floor	01	A1
23	WD-18076-S-23	Floor Supporting Frame & other Details	01	A1
24	WD-18076-S-24	Door Locking Arrangement & Cross Section of Body	Nil	A1
25	WD-18076-S-25	Details of Door Locking Device.	Nil	A1
26	WD-18076-S-26	Centre Pivot & Side Bearer Arrangement	01	A1
27	WD-18076-S-27	LOAD TEST CHART	02	A1
28	WD-18076-S-28	Marking Diagram	04	A1
29	WD-20060-S-01	Locations of strain gauges for squeeze load test.	Nil	A1
30	SK-76535	Arrgt. Of Single Piece Uncoupling Gear for NON-Transition CBC.	02	A1
31	WD-81010-S-03	CBC Arrangement	13	A1
32	WD-15021-S-01	Bogie Index.	06	A1

LIST OF CONSTRUCTION DRAWINGS 'BOBYN' Design-'A'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-96021-S-01	Index	09	A1
2	WD-96021-S-02	Diagram.	10	A1
3	WD-96021-S-03	General Arrangement	08	A1
4	WD-96021-S-04	Under frame Arrangement.	06	A1
5	WD-96021-S-05	Brake Diagram.	07	A1
6	WD-96021-S-06	Brake Gear Arrangement.	04	A1
7	WD-96021-S-07	Brake Details (Sheet-I)	05	A1
8	WD-96021-S-08	Brake Details (Sheet-II)	08	A1
9	WD-96021-S-09	Hand Brake Arrangement & Details.	07	A1
10	WD-96021-S-10	Marking Diagram.	11	A1
11	WD-96021-S-11	Fitment of Air Brake Equipment & Pipe Layout.	07	A1
12	WD-96021-S-12	Air Brake Pipe Details	05	A1
13	WD-96021-S-13	Air Brake Details.	06	A1
14	WD-96021-S-14	Anti-pilferage Device for Distributor Valve.	01	A1
15	SK.77534	Body Side Arrangement.	09	A1
16	SK.77535	Body End Arrangement.	09	A1
17	SK.77536	Door Operating Arrangement.	06	A1
18	SK.77537	Gear Box Cover With Details	03	A1
19	SK.77538	Centre Pivot Arrangement. (For BOBYN wagon)	05	A1
20	SK.77542	End Platform Arrangement & Details	08	A1
21	SK.77542A	End Platform Arrangement & Details. (Non-operating End)	05	A1
22	WD-00046-S-01	Uncoupling Gear Arrangement.	07	A1
23	SK.77544	Underframe Details (Sheet-I)	14	A1
24	SK.77545	Underframe Details (Sheet-II)	11	A1
25	SK.77546	Diaphragm Plate Details.	04	A1
26	SK.77547	Body Side Details.	07	A1
27	SK.77548	Body End Details.	08	A1
28	SK.77549	Door Operating Details (Sheet-I)	03	A1
29	SK.77550	Door Operating Details (Sheet-II)	05	A1
30	SK.77555	Door Operating Instructions.	01	A1
31	SK.63720	PRO/PR Stencil.	01	A3
32	WD-91030-S-01	Anti-pilferage Device for Bogie Pull Rod.	01	A4
33	WD-90096-S-01	Index of Casnub 22NLB Bogie	04	A1
34	WD-92058-S-01	Index of Casnub 22HS Bogie	04	A1
35	WD-81010-S-03	Arrangement of High Tensile CBC	13	A1
36	WD-02020-S-01	Centre Pivot Side Bearer Arrangement.(For BOBYNHS wagon)	02	A1

LIST OF CONSTRUCTION DRAWINGS' BOBYNHS' Design-'B'
(with Conventional Air Brake)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-96021-S-01	INDEX	09	A1
2	WD-09090-S-02	Diagram	04	A1
3	WD-09090-S-03	General Arrangement	03	A1
4	WD-09090-S-04	Marking Diagram.	05	A1
5	WD-09055-S-63	Body Side Arrangement .	NIL	A1
6	WD-09055-S-64	Body Side Details	01	A1
7	WD-09055-S-65	Body End Arrangement .	NIL	A1
8	WD-09055-S-66	Body End Details	01	A1
9	WD-96021-S-04	Underframe Arrangement.	06	A1
10	WD-96021-S-05	Brake Diagram.	07	A1
11	WD-96021-S-06	Brake Gear Arrangement.	04	A1
12	WD-96021-S-07	Brake Details (Sheet-I)	05	A1
13	WD-96021-S-08	Brake Details (Sheet-II)	08	A1
14	WD-96021-S-09	Hand Brake Arrangement & Details.	07	A1
15	WD-96021-S-11	Fitment of Air Brake Equipment & Pipe Layout.	07	A1
16	WD-96021-S-12	Air Brake Pipe Details.	05	A1
17	WD-96021-S-13	Air Brake Details.	06	A1
18	WD-00046-S-01	Uncoupling Gear Arrangement.	07	A1
19	WD-02020-S-01	Center pivot & side bearer Arggt	02	A1
20	SK.77536	Door Operating Arrangement.	06	A1
21	SK.77537	Gear Box Cover with Details.	03	A1
22	SK.775342	End Platform Arrangement & Details	08	A1
23	SK.77542A	End Platform Arrangement & Details (Non-operating End)	05	A1
24	SK.77544	Underframe Details (Sheet-I)	14	A1
25	SK.77545	Underframe Details (Sheet-II)	11	A1
26	SK.77546	Diaphragm Plate Details.	04	A1
27	SK.77549	Door Operating Details.(Sheet-I)	03	A1
28	SK.77550	Door Operating Details.(Sheet-II)	05	A1
29	SK.77555	Door Operating Instructions.	01	A1
30	SK.63720	PRO/PR Stencil.	01	A3
31	WD-92058-S-01	Index of Casnub 22HS Bogie	04	A1
32	WD-81010-S-03	Arrangement of High Tensile CBC	13	A1

LIST OF CONSTRUCTION DRAWINGS 'BOBYNHS' Design-`C`(with BMBS)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-96021-S-01	INDEX	09	A1
2	WD-09090-S-02	Diagram	03	A1
3	WD-09055-S-53	General Arrangement	02	A1
4	WD-09055-S-54	Under Frame Arrangement.	NIL	A1
5	WD-09055-S-55	Under Frame Details sheet-I	01	A1
6	WD-09055-S-56	Undr Frame Details sheet-II	01	A1
7	WD-09055-S-57	Brake Diagram	01	A1
8	WD-09055-S-58	Hand Brake Arrangement .	02	A1
9	WD-09055-S-59	Hand Brake Details	01	A1
10	WD-09055-S-60	Fitment of Air Brake Equipment and pipe layout(MBS)	03	A1
11	WD-09055-S-61	Air Brake Equipment & pipe Details (Sheet 1of 2)	05	A1
12	WD-09055-S-61	Air Brake Equipment & pipe Details. (Sheet 2of 2)	03	A1
13	WD-09055-S-62	Details of fitment of Air Brake Equipment.	01	A1
14	WD-09055-S-63	Body Side Arrangement .	NIL	A1
15	WD-09055-S-64	Body Side Details	01	A1
16	WD-09055-S-65	Body End Arrangement .	NIL	A1
17	WD-09055-S-66	Body End Details	01	A1
18	WD-09090-S-04	Marking Diagram.	05	A1
19	SK.77536	Door Operating Arrangement.	06	A1
20	SK.77537	Gear Box Cover with Details.	03	A1
21	WD-02020-S-01	Center pivot & side bearer Arggt	02	A1
22	SK.77542	End Platform Arrangement & Details	08	A1
23	SK.77542A	End Platform Arrangement & Details (Non-operating End)	05	A1
24	WD-00046-S-01	Uncoupling Gear Arrangement.	07	A1
25	SK.77546	Diaphragm Plate Details.	04	A1
26	SK.77549	Door Operating Details.(Sheet-I)	03	A1
27	SK.77550	Door Operating Details.(Sheet-II)	05	A1
28	SK.77555	Door Operating Instructions.	01	A1
29	SK.63720	PRO/PR Stencil.	01	A3
30	WD-92058-S-01	Index of Casnub 22HS Bogie	04	A1
31	WD-81010-S-03	Arrangement of High Tensile CBC	13	A1
32	WD-16018-S-54	Under Frame Arrangement.	01	A1
33	WD-16018-S-55	Under Frame Details sheet-I	01	A1
34	WD-16018-S-56	Under Frame Details sheet-II	02	A1
35	WD-16018-S-57	Center pivot & side bearer Arggt	NIL	A1
36	WD-16018-S-58	Pivot Filler Support.	NIL	A1

LIST OF CONSTRUCTION DRAWINGS 'BOBYNM1' Design-'D'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-96021-S-01	INDEX	09	A1
2	WD-96021-S-02	Diagram	10	A1
3	WD-96021-S-03	General Arrangement	08	A1
4	WD-96021-S-04	Under Frame Arrangement.	06	A1
5	WD-96021-S-05	Brake Diagram	06	A1
6	WD-96021-S-06	Brake Gear Arrangement	04	A1
7	WD-96021-S-07	Brake Details (sheet-I)	05	A1
8	WD-96021-S-08	Brake Details (sheet-II)	08	A1
9	WD-96021-S-09	Hand Brake Arrangement & details	07	A1
10	WD-21033-S-01	Marking Diagram .	01	A1
11	WD-96021-S-11	Fitment of Air Brake Equipment and pipe layout	07	A1
12	WD-96021-S-12	Air Brake pipe Details	05	A1
13	WD-96021-S-13	Air Brake Details	06	A1
14	WD-96021-S-14	Anti-Pilferage Device For D.V..	01	A1
15	SK.-77534	Body Side Arrangement .	09	A1
16	SK.-77535	Body End Arrangement	09	A1
17	SK.-77536	Door Operating Arrangement.	06	A1
18	SK.-77537	Gear Box Cover with Details.	03	A1
19	WD-20024-S-04	Center pivot & side bearer Arrgt	03	A1
20	SK.-77542	End platform Arrangement & Details.	08	A1
21	SK.-77542/A	End platform Arrangement & Details. (Non-Operating End)	05	A1
22	WD-00046-S-01	Uncoupling Gear Arrangement.	07	A1
23	SK.-77544	Under Frame Details (sheet-I)	14	A1
24	SK.-77545	Under Frame Details (sheet-II)	11	A1
25	SK.-77546	Diaphragm Plate Details.	04	A1
26	SK.-77547	Body Side Details.	07	A1
27	SK.-77548	Body End Details.	08	A1
28	SK.-77549	Door Operating Details. (sheet-I)	03	A1
29	SK.-77550	Door Operating Details. (sheet-II)	05	A3
30	SK.-77555	Door Operating Instructions	01	A1
31	SK-63720	PRO/PR Stencil	01	A1
32	WD-91030-S-01	Anti-pilferage device for Bogie pull rod.	01	A4
33	WD-90096-S-01	Index of CASNUB 22NLB Bogie	04	A1
34	WD-81010-S-03	Arrgt. Of High Tensile CBC (Non transition)	13	A1

LIST OF CONSTRUCTION DRAWINGS 'BOBYNHSM1' Design-'E' with BMBS

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-96021-S-01	INDEX	09	A1
2	WD-09090-S-02	Diagram	04	A1
3	WD-09055-S-53	General Arrangement	02	A1
4	WD-09055-S-54	Under Frame Arrangement.	NIL	A1
5	WD-09055-S-55	Under Frame Details sheet-I	01	A1
6	WD-09055-S-56	Under Frame Details sheet-II	01	A1
7	WD-09055-S-57	Brake Diagram	01	A1
8	WD-09055-S-58	Hand Brake Gear Arrangement .	02	A1
9	WD-09055-S-59	Hand Brake Details	01	A1
10	WD-09055-S-60	Fitment of Air Brake Equipment and pipe layout	03	A1
11	WD-09055-S-61	Air Brake Equipment & pipe Details (Sheet 1of 2)	05	A1
12	WD-09055-S-61	Air Brake Equipment & pipe Details. (Sheet 2of 2)	03	A1
13	WD-09055-S-62	Details of fitment of Air Brake Equipment.	01	A1
14	WD-09055-S-63	Body Side Arrangement .	NIL	A1
15	WD-09055-S-64	Body Side Details	01	A1
16	WD-09055-S-65	Body End Arrangement .	NIL	A1
17	WD-09055-S-66	Body End Details	01	A1
18	WD-21033-S-02	Marking Diagram.	02	A1
19	SK-77536	Door Operating Arrangement	06	A1
20	SK-77537	Gear Box Cover With Details	03	A1
21	WD-20024-S-04	Centre Pivot & Side Bearer Arrangement .	03	A1
22	SK.-77542	End Platform Arrangement & Details	08	A1
23	SK.-77542/A	End Platform Arrangement & Details (Non-operating End)	05	A1
24	WD-00046-S-01	Uncoupling Gear Arrangement	07	A1
25	SK.77546	Diaphragm Plate Details.	04	A1
26	SK.77549	Door Operating Details.(Sheet-I)	03	A1
27	SK.77550	Door Operating Details.(Sheet-II)	05	A1
28	SK.77555	Door Operating Instructions.	01	A1
29	SK.63720	PRO/PR Stencil.	01	A3
30	WD-92058-S-01	Index of CASNUB HS Bogie	04	A1
31	WD-81010-S-03	Arrangement of High Tensile CBC (Non Transition)	13	A1
32	WD-16018-S-54	Under Frame Arrangement.	01	A1
33	WD-16018-S-55	Under Frame Details sheet-I	01	A1
34	WD-16018-S-56	Under Frame Details sheet-II	02	A1
35	WD-16018-S-58	Pivot Filler Support.	NIL	A1

LIST OF CONSTRUCTION DRAWINGS 'BOBYNHSM1' Design-`F`
with Conventional Air Brake

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-96021-S-01	INDEX	09	A1
2	WD-09090-S-02	Diagram	04	A1
3	WD-09090-S-03	General Arrangement	03	A1
4	WD-09055-S-63	Body Side Arrangement	NIL	A1
5	WD-09055-S-64	Body Side Details	01	A1
6	WD-09055-S-65	Body End Arrangement .	NIL	A1
7	WD-09055-S-66	Body End Details	01	A1
8	WD-96021-S-04	Underframe Arrangement.	06	A1
9	WD-96021-S-05	Brake Diagram	07	A1
10	WD-96021-S-06	Brake Gear Arrangement .	04	A1
11	WD-96021-S-07	Brake Details (Sheet I)	05	A1
12	WD-96021-S-08	Brake Details (Sheet II)	08	A1
13	WD-96021-S-09	Hand Brake Arrangement & Details	07	A1
14	WD-96021-S-11	Fitment of Air Brake Equipment and pipe layout	07	A1
15	WD-96021-S-12	Air Brake pipe Details	05	A1
16	WD-96021-S-13	Air Brake Details.	06	A1
17	WD-00046-S-01	Uncoupling Gear Arrangement	07	A1
18	WD-20024-S-04	Centre Pivot & Side Bearer Arrangement	03	A1
19	WD-21033-S-02	Marking Diagram.	02	A1
20	SK-77536	Door Operating Arrangement	06	A1
21	SK-77537	Gear Box Cover with Details	03	A1
22	SK-77542	End Platform Arrangement & Details	08	A1
23	SK-77542/A	End Platform Arrangement & Details (Non-operating End)	05	A1
24	SK-77544	Underframe Details sheet-I	14	A1
25	SK-77545	Underframe Details sheet-II	11	A1
26	SK-77546	Diaphrame Plate Details.	04	A1
27	SK-77549	Door Operating Details (Sheet-I)	03	A1
28	SK-77550	Door Operating Details (Sheet-II)	05	A1
29	SK-77555	Door Operating Instructions.	01	A1
30	SK-63720	PRO/PR Stencil.	01	A3
31	WD-92058-S-01	Index of CASNUB HS Bogie	04	A1
32	WD-81010-S-03	Arrangement of High Tensile CBC (Non Transition)	13	A1
33	WD-24085-S-54	Underframe Arrangement.(with conv. air brake)	Nil	A1
34	WD-24085-S-55	Underframe Details (Sheet-I)	Nil	A1
35	WD-24085-S-56	Underframe Details (Sheet-II)	Nil	A1
36	WD-16018-S-58	Pivot Filler Support.	Nil	A1
37	WD-01065-S-02	Fitment of Load Sensing device	02	A1

LIST OF CONSTRUCTION DRAWINGS 'BOBY'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	SK.77530	Index of BOBY	02	A1
2	SK.77531	Diagram.	07	A1
3	SK.77532	General Arrangement.	05	A1
4	SK.77533	Underframe Arrangement.	05	A1
5	SK.77534	Body Side Arrangement.	09	A1
6	SK.77535	Body End Arrangement.	09	A1
7	SK.77536	Door Operating Arrangement.	06	A1
8	SK.77537	Gear Box Cover with Details.	03	A1
9	SK.77538	Centre Pivot Arrangement.	05	A1
10	SK.77539	Brake Diagram.	02	A1
11	SK.77540	Brake Gear Arrangement.	02	A1
12	SK.77541	Vacuum Brake Pipe Arrangement.	04	A1
13	SK.77542	End Platform Arrangement & Details.	08	A1
14	SK.77542A	End Platform Arrangement & Details (Non-operating End)	05	A1
15	SK.77543	Uncoupling Gear Arrangement.	01	A1
16	SK.77544	Underframe Details (Sheet-I)	14	A1
17	SK.77545	Underframe Details (Sheet-II)	11	A1
18	SK.77546	Diaphragm Plate Details.	04	A1
19	SK.77547	Body Side Details.	07	A1
20	SK.77548	Body End Details.	08	A1
21	SK.77549	Door Operating Details.(Sheet-I)	03	A1
22	SK.77550	-do- (Sheet-II)	05	A1
23	SK.77551	Anti-pilferage Device for Brake Gear Components.	Nil	A1
24	SK.77552	Brake Details. (Sheet-I)	02	A1
25	SK.77553	brake Details. (Sheet-II)	02	A1
26	SK.77554	Marking Diagram.	05	A1
27	SK.77555	Door Operating Instructions.	01	A1
28	SK.63720	PRO/PR Stencil.	01	A3
29	SK.66511	Railway Initials in Hindi.	01	A1
30	SK.66510	Proportion of Hindi Alphabets.	Nil	A1
31	WD-91030-S-1	Anti-pilferage Device for Bogie End Pull Rod.	01	A4

LIST OF CONSTRUCTION DRAWINGS 'BOBS' MK II

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	SK.76550	Diagram.	02	A2
2	Drg.2223-52-M	General Arrangement.(Read with SK.74512)	Nil	A0
3	SK.76571	Underframe Arrgtt.& Modified Details.	Nil	A1
4	SK.76572	-do-	Nil	A1
5	Drg.2223-54-M	Underframe details(Read with SK.76571 and SK.76572)	Nil	A0
6	-do- 55-M	Underframe Longitudinal members (Read with SK.76571 & SK.76572)	NIL	A0
7	SK.76573	Arrangement of Underframe Brake Gear.	01	A1
8	SK.76574	Brake Gear Details (Sheet-I)	Nil	A1
9	SK.76575	Brake Gear Details (Sheet-II)	Nil	A1
10	SK.76576	Hand Brake Gear Details.	Nil	A1
11	SK.76577	Brake Diagram.	Nil	A1
12	SK.76578	Arrangement of Brake Piping.	Nil	A1
13	Drg.2223-69-M	Bolster Spring Nest Protection Guard.	Nil	A0
14	-do- 73-M	Arrangement of Body.	01	A0
15	-do- 74-M	Details of Body Joints .	Nil	A0
16	-do- 75-M	Body Details.	01	A0
17	-do- 76-M	Details of Body.	01	A0
18	-do- 77-M	Details of Body Side & Door.	01	A0
19	-do- 78-M	Details of Body End & Partition.	01	A0
20	-do- 79-M	Details of Hopper Floor.	01	A0
21	-do- 80-M	Floor Supporting Frame & other Details.	01	
A0				
22	-do- 81-M	Arrangement of Door Locking device and Cross Section of Body	Nil	
A0				
23	-do- 82-M	Details of Door Hinge, Axle Locking Hinge only(Device Application for Details of Door)	01	A0
24	Drg.2223-83-M	Details of Door Locking Device.	01	A0
25	SK.76533	Fitment of Back Stop on Underframe.	01	A1
26	SK.76534	Non-transition CBC & Uncoupling Gear Arrangement.	Nil	A1
27	SK.76535	Arrangement of Single Piece Uncoupling Gear for Non-transition CBC	02	A1
28	SK.63720	PRO/PR Stencil.	01	A3
29	SK.66511	Railway Initials in Hindi.	01	A1
30	SK.74593	Guide Bush (High Density/Polythene)	03	A3
31	Drg.2223-56-M	Underframe Cross Members (read with SK.76571 & SK.76572)	Nil	A0
32	WD-91030-S-01	Anti-pilferage Device for Bogie End Pull Rod.	01	A4

LIST OF CONSTRUCTION DRAWINGS BOBRNALHSM 1 (CC+6t)
Design-‘A’ (With Conventional Air Brake System)

S. No.	Drg. No.	Description	Last Alt. No.	Drg. Size.
1	WD-02066-S-50	Index	02	A1
2	WD-02066-S-51	Diagram	05	A1
3	WD-02066-S-52	General Arrangement	02	A1
4	WD-02066-S-53	Underframe Arrangement	01	A1
5	WD-02066-S-54	Centre Sill & End Sill Details	03	A1
6	WD-02066-S-55	Cross Ridge Assembly & Details	01	A1
7	WD-91071-S-57	Bolster Details	05	A1
8	WD-02066-S-58	Body Structure Assembly	03	A1
9	WD-02066-S-59	Side-Wall Assembly & Details	03	A1
10	WD-02066-S-60	End-Wall (X-End) Assembly & Details	03	A1
11	WD-02066-S-61	End-Wall (Y-End) Assembly & Details	03	A1
12	WD-02066-S-62	End Frame Construction & Details	03	A1
13	WD-91071-S-63	Hopper Arrangement	05	A1
14	WD-91071-S-64	Hopper Details	04	A1
15	WD-96038-S-03	Door assembly (Double Link)	07	A1
16	WD-91071-S-66	Door Details	10	A1
17	WD-02066-S-69	Brake diagram	02	A1
18	WD-89007-S-70	Brake Gear Arrangement	07	A1
19	WD-89007-S-71	Brake Details (Sheet- 1)	06	A1
20	WD-89007-S-72	Brake Details (Sheet- 2)	09	A1
21	WD-91071-S-73	Hand Brake Arrangement & Details	08	A1
22	WD-91071-S-74	Air Brake Equipment & Pipe Layout	07	A1
23	WD-91071-S-75	Air Brake Pipe Details	04	A1
24	WD-91071-S-76	Air Brake Details	04	A1
25	WD-89007-S-78	Uncoupling Gear Arrgt.& Details	05	A1
26	WD-91071-S-79	Door operating Air Pipe Layout	05	A1
27	WD-91071-S-80	Door operating Air Pipe Details	06	A1
28	WD-02066-S-81	Marking Diagram	03	A1
29	WD-89007-S-83	Centre Filler Arrgt.& Details	04	A1
30	WD-94002-S-02	Anti Pilferage Device for DOM Components	nil	A1
31	WD-21081-S-53	Underframe Arrangement (CRF Centre Sill)	nil	A1
32	WD-21081-S-54	Centre Sill & End Sill Details (CRF Centre Sill)	nil	A1
33	WD-21081-S-55	Cross Ridge Assembly & Details (CRF Centre Sill)	nil	A1
34	WD-20024-S-05	Centre Pivot & Side Bearer Arrgt. (with Flat Pivot)	01	A1
35	WD-15042-S-57	Bolster Details (CRF Centre Sill)	02	A1
36	WD-15042-S-58	Hopper Arrangement (CRF Centre Sill)	01	A1
37	WD-15042-S-59	Hopper Details (CRF Centre Sill)	01	A1
38	WD-15042-S-60	Centre Filler Arrgt.& Details (CRF Centre Sill)	01	A1

**LIST OF CONSTRUCTION DRAWINGS BOBRNALHSM 1 (CC+6t) Design-‘B’
(With BMBS)**

S. No.	Drg. No.	Description	Last Alt. No.	Drg. Size.
1	WD-02066-S-50	Index	02	A1
2	WD-02066-S-51	Diagram	05	A1
3	WD-21081-S-52	General Arrangement	nil	A1
4	WD-21081-S-53	Underframe Arrangement	nil	A1
5	WD-21081-S-54	Centre Sill & End Sill Details	nil	A1
6	WD-21081-S-55	Cross Ridge Assembly & Details	nil	A1
7	WD-21081-S-56	Brake diagram	nil	A1
8	WD-20024-S-05	Centre Pivot & Side Bearer Arrgt.	01	A1
9	WD-02066-S-58	Body Structure Assembly	03	A1
10	WD-02066-S-59	Side-Wall Assembly & Details	03	A1
11	WD-02066-S-60	End-Wall (X-End) Assembly & Details	03	A1
12	WD-02066-S-61	End-Wall (Y-End) Assembly & Details	03	A1
13	WD-02066-S-62	End Frame Construction & Details	03	A1
14	WD-02066-S-81	Marking Diagram	03	A1
15	WD-09065-S-73	Hand Brake Arrangement & Details	02	A1
16	WD-09065-S-74	Fitment of Air Brake Equipment & Pipe Layout	02	A1
17	WD-09065-S-75	Details of Pipes For Fitment of Air Brake Equipment (Sheet 1 of 2)	04	A1
18	WD-09065-S-75	Details of Pipes For Fitment of Air Brake Equipment (Sheet 2 of 2)	03	A1
19	WD-09065-S-76	Air Brake details for fitment of Air Brake Equipment	01	A1
20	WD-15042-S-57	Bolster Details	02	A1
21	WD-15042-S-58	Hopper Arrangement	01	A1
22	WD-15042-S-59	Hopper Details	01	A1
23	WD-15042-S-60	Centre Filler Arrgt.& Details	01	A1
24	WD-91071-S-66	Door Details	10	A1
25	WD-91071-S-79	Door operating Air Pipe Layout	05	A1
26	WD-91071-S-80	Door operating Air Pipe Details	06	A1
27	WD-89007-S-78	Uncoupling Gear Arrgt.& Details	05	A1
28	WD-94002-S-02	Anti Pilferage Device for DOM Components	nil	A1
29	WD-91101-S-05	Quick Coupling Arrangement & Details for Detachable Pressure Gauges	05	A1
30	WD-81010-S-03	Arrangement of HT CBC (Non –Transition)	13	A1
31	WD-96038-S-01	D.O.M. Arrangement (Sheet-I)	04	A1
32	WD-96038-S-02	D.O.M. Arrangement (Sheet-II)	03	A1
33	WD-96038-S-03	Door Assembly (For Double Link)	07	A1
34	WD-96038-S-04	Adjustable Lever for D.O.M. (Assembly & Details)	07	A1
35	WD-92081-S-53	Connecting Rod & Bushes for D.O.M.	03	A1
36	WD-92081-S-54 sheet 01	Controlling Dimensions of Air Cylinder	02	A2
	WD-92081-S-54 sheet 02	Controlling Dimensions of Air Cylinder	Nil	A2
37	WD-92081-S-55	Levers	03	A1
38	WD-92081-S-56	Secondary Lock Assembly and Details	05	A1
39	WD-92081-S-57	Details of D.O.M.	10	A1

LIST OF CONSTRUCTION DRAWINGS BOBRN 25t.

S. No.	Drg. No.	Description	Last Alt. No.	Drg. Size.
1	WD-07039-S-50	Index	NIL	A1
2	WD-07039-S-51	Diagram	03	A1
3	WD-07039-S-52	General Arrangement	NIL	A1
4	WD-07039-S-53	Underframe Arrangement	NIL	A1
5	WD-07039-S-54	Centre Sill & End Sill Details	01	A1
6	WD-07039-S-55	Cross Ridge Assembly & Details	NIL	A1
7	WD-07039-S-56	Center Pivot & Side Bearer Arrgt.	NIL	A1
8	WD-07039-S-57	Bolster Details	NIL	A1
9	WD-07039-S-58	Body Structure Assembly & details	NIL	A1
10	WD-07039-S-59	Side-Wall Assembly & Details	NIL	A1
11	WD-07039-S-60	End-Wall (X-End)Assembly & Details	NIL	A1
12	WD-07039-S-61	End-Wall (Y-End)Assembly & Details	NIL	A1
13	WD-07039-S-62	End Frame Construction & Details	01	A1
14	WD-07039-S-63	Hopper Arrangement	NIL	A1
15	WD-07039-S-64	Hopper Details	NIL	A1
16	WD-07039-S-65	Door assembly	04	A1
17	WD-07039-S-66	Door Details	04	A1
18	WD-07039-S-67	Fitment of Graduated Release Air Brake Equipment and Pipe Layout.	NIL	A1
19	WD-07039-S-68	Detail of Pipes for Fitment of Graduated Release Air Brake Equipment.	01	A1
20	WD-07039-S-69	Detail for Fitment of Graduated Release Air Brake Equipment.	NIL	A1
21	WD-07039-S-70	Door operating Air Pipe Layout	01	A1
22	WD-07039-S-71	Door operating Air Pipe Details	01	A1
23	WD-07039-S-72	Centre Filler Arrgt.& Details	NIL	A1
24	WD-07039-S-73	Marking Diagram	NIL	A1
25	WD-89007-S-78	Uncoupling Gear Arrgt.& Details	05	A1
26	WD-94002-S-01	Anti Pilferage Device for DOM Components	NIL	A1
27	WD-94002-S-02	Anti Pilferage Device for DOM	NIL	A1

BOGIE TANK WAGONS (B.G.)

S. No.	Type of Wagon	Page No.
1	BTPN Variant-`A`	172
2	BTPN Variant-`B`	173
3	BTPNM1' Variant-`A` (Twin Pipe Underframe Mounted Air Brake System)	174
4	BTPNM1' Variant-`B` (Twin Pipe Bogie Mounted Air Brake System)	175
5	BTAP	176
6	BTCS	177
7	BTPGLN Variant-`A`	178
8	BTPGLN Variant-`B`	179
9	TPR	180
10	BTFLN(RITES DRGS)	181
11	BTOH	182
12	BTALN (With UIC Bogie & Air Brake)	183-184
13	BTALNM (Variant-B)	185
14	BTALNM1	186
15	BTFC	187

BOGIE TANK WAGONS
LIST OF CONSTRUCTION DRAWINGS 'BTPN' Variant-'A'
(Twin Pipe Underframe Mounted Air Brake System)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-09050-S-00	Index	05	A1
2	WD-86081-S-51	Diagram	12	A1
3	WD-86081-S-52	General Arrangement	12	A1
4	WD-86081-S-53	Underframe Arrangement	13	A1
5	WD-86081-S-54	Underframe Details.	13	A1
6	WD-86081-S-55	Bolster Assembly.	11	A1
7	WD-86081-S-56	Bolster Details.	08	A1
8	WD-86081-S-57	Cradle Arrangement & Details.	04	A1
9	WD-86081-S-58	Tank Barrel.	08	A1
10	WD-86081-S-59	Tank Barrel Attachment.	09	A1
11	WD-86081-S-60	DOME Arrangement.	10	A1
12	WD-86081-S-61	DOME Details.	13	A1
13	WD-86081-S-62	Platform & Ladder Arrangement.	07	A1
14	WD-86081-S-63	Platform & Ladder Details.	09	A1
15	WD-86081-S-65	Arrangement of Discharge System.	14	A1
16	WD-86081-S-66	Details of Discharge System.	16	A1
17	WD-00046-S-01	Uncoupling Gear Arrangement.	07	A1
18	WD-86081-S-71	Fitment of Air Brake Equipment & Pipe Layout. (Sheet-I)	06	A1
19	WD-86081-S-71	Fitment of Air Brake Equipment & Pipe Layout. (Sheet-II)	06	A1
20	WD-86081-S-72	Details of Pipe for Fitment of Air Brake Equipment	06	A1
21	WD-86081-S-73	Details of Fitment of Air Brake Equipment	09	A1
22	WD-86081-S-75	Marking Diagram.	20	A1
23	WD-86081-S-76	Load Test Scheme for Underframe.	04	A1
24	WD-88050-S-01	Brake Gear Arrangement.	08	A1
25	WD-88050-S-02	Brake Gear Details	14	A1
26	WD-88050-S-03	Brake Diagram.	06	A1
27	WD-98031-S-01	Cradle Arrangement and Details.	01	A1
28	WD-91030-S-01	Anti-pilferage Device for End Pull Rod.	01	A4
29	WD-81010-S-03	Centre Buffer Coupler	13	A1
30	SK.63720	PRO/PR Stencil.	01	A3
31	SK.66511	Railway Initials in Hindi.	01	A1
32	SK-73552	Hose coupling support	06	A3
33	WD-90096-S-01	BOGIE (CASNUB-22NLB)	04	A1

LIST OF CONSTRUCTION DRAWINGS 'BTPN' Variant-'B'
(Twin Pipe Bogie Mounted Air Brake System)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-09050-S-00	INDEX	05	A1
2	WD-86081-S-51	Diagram	12	A1
3	WD-09050-S-02	General Arrangement	04	A1
4	WD-09050-S-03	Under Frame Arrangement.	03	A1
5	WD-09050-S-04	Under Frame Details	03	A1
6	WD-86081-S-55	Bolster Assembly	11	A1
7	WD-86081-S-56	Bolster Details	08	A1
8	WD-86081-S-57	Cradle Arrangement and Details	04	A1
9	WD-86081-S-58	Tank Barrel	08	A1
10	WD-86081-S-59	Tank Barrel Attachments.	09	A1
11	WD-86081-S-60	Dome Arrangement	10	A1
12	WD-86081-S-61	Dome Details	13	A1
13	WD-86081-S-62	Platform and Ladder Arrangement.	07	A1
14	WD-86081-S-63	Platform and Ladder Details	09	A1
15	WD-86081-S-65	Arrangement of Discharge system.	14	A1
16	WD-86081-S-66	Details of Discharge system.	16	A1
17	WD-00046-S-01	Uncoupling Gear Arrangement	07	A1
18	WD-09050-S-05	Fitment of air brake equipment and pipe Layout (Sheet-I)	03	A1
19	WD-09050-S-05	Fitment of air brake equipment and pipe Layout (Sheet-II)	01	A1
20	WD-09050-S-06	Details of pipes for fitment of air brake equipment	06	A1
21	WD-09050-S-07	Details for fitment of air brake equipment	02	A1
22	WD-86081-S-75	Marking Diagram.	20	A1
23	WD-86081-S-76	Load Test Scheme for Under frame.	04	A1
24	WD-09050-S-09	Brake Gear Arrangement	01	A1
25	WD-09050-S-10	Brake Gear Details	02	A1
26	WD-09050-S-11	Brake Diagram	03	A1
27	WD-98031-S-01	Cradle Arrangement and Detail	01	A1
28	WD-91030-S-01	Anti-pilferage Device for End Pull Rod. (CASNUB BOGIE)	01	A4
29	WD-81010-S-03	Centre Buffer Coupler for Bogie Wagon.	13	A1
30	SK.63720	PRO/PR Stencil.	01	A3
31	SK.66511	Railway Initials in Hindi.	01	A1
32	SK-73552	Hose coupling support	06	A3
33	WD-90096-S-01	BOGIE (CASNUB-22NLB)	04	A1

**LIST OF CONSTRUCTION DRAWINGS 'BTPNM1' Variant-`A`
(Twin Pipe Underframe Mounted Air Brake System)**

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-09050-S-00	INDEX	05	A1
2	WD-86081-S-51	Diagram	12	A1
3	WD-23061-S-51	General Arrangement	Nil	A1
4	WD-86081-S-53	Under Frame Arrangement.	13	A1
5	WD-86081-S-54	Under Frame Details	13	A1
6	WD-23061-S-53	Bolster Assembly	Nil	A1
7	WD-23061-S-54	Bolster Details	Nil	A1
8	WD-86081-S-57	Cradle Arrangement	04	A1
9	WD-86081-S-58	Tank Barrel	08	A1
10	WD-86081-S-59	Tank Barrel Attachment	09	A1
11	WD-86081-S-60	Dome Arrangement	10	A1
12	WD-86081-S-61	Dome Details	13	A1
13	WD-86081-S-62	Platform and Ladder Arrangement.	07	A1
14	WD-86081-S-63	Platform and Ladder Details	09	A1
15	WD-86081-S-65	Arrangement of Discharge system.	14	A1
16	WD-86081-S-66	Details of Discharge system.	16	A1
17	WD-00046-S-01	Uncoupling Gear Arrangement	07	A1
18	WD-86081-S-71 (Sheet-I)	Fitment of Air Brake Equipment and Pipe Layout	06	A1
19	WD-86081-S-71 (Sheet-II)	Fitment of Air Brake Equipment and Pipe Layout	06	A1
20	WD-86081-S-72	Details of Pipe for Fitment of Air Brake Equipment	06	A1
21	WD-86081-S-73	Details of fitment of Air Brake Equipment	09	A1
22	WD-23061-S-55	Marking Diagram.	02	A1
23	WD-23061-S-56	Load Test Scheme for Under frame.	Nil	A1
24	WD-88050-S-01	Brake Gear Arrangement	08	A1
25	WD-88050-S-02	Brake Gear Details	14	A1
26	WD-88050-S-03	Brake Diagram	06	A1
27	WD-98031-S-01	Cradle Arrangement and Detail	01	A1
28	WD-91030-S-01	Anti-pilferage Device for Bogie End Pull Rod.	01	A4
29	WD-81010-S-03	Centre Buffer Coupler	13	A1
30	SK.63720	PRO/PR Stencil.	01	A3
31	SK.66511	Railway Initials in Hindi.	01	A1
32	SK-73552	Hose coupling support	06	A3
33	WD-22091-S-02	BOGIE (CASNUB-22 RFT)	nil	A1
34	WD-20024-S-01	Centre Pivot & Side Bearer Arrangement	01	A1

**LIST OF CONSTRUCTION DRAWINGS 'BTPNM1' Variant-`B`
(Twin Pipe Bogie Mounted Air Brake System)**

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-09050-S-00	INDEX	05	A1
2	WD-86081-S-51	Diagram	12	A1
3	WD-23061-S-52	General Arrangement	Nil	A1
4	WD-09050-S-03	Under Frame Arrangement.	03	A1
5	WD-09050-S-04	Under Frame Details	03	A1
6	WD-23061-S-53	Bolster Assembly	Nil	A1
7	WD-23061-S-54	Bolster Details	Nil	A1
8	WD-86081-S-57	Cradle Arrangement	04	A1
9	WD-86081-S-58	Tank Barrel	08	A1
10	WD-86081-S-59	Tank Barrel Attachment	09	A1
11	WD-86081-S-60	Dome Arrangement	10	A1
12	WD-86081-S-61	Dome Details	13	A1
13	WD-86081-S-62	Platform and Ladder Arrangement.	07	A1
14	WD-86081-S-63	Platform and Ladder Details	09	A1
15	WD-86081-S-65	Arrangement of Discharge system.	14	A1
16	WD-86081-S-66	Details of Discharge system.	16	A1
17	WD-00046-S-01	Uncoupling Gear Arrangement	07	A1
18	WD-09050-S-05 (Sheet-I)	Fitment of Air Brake Equipment and Pipe Layout	03	A1
19	WD-09050-S-05 (Sheet-II)	Fitment of Air Brake Equipment and Pipe Layout	01	A1
20	WD-09050-S-06	Details of Pipes for Fitment of Air Brake Equipment	06	A1
21	WD-09050-S-07	Details of Fitment of Air Brake Equipment	02	A1
22	WD-23061-S-55	Marking Diagram.	02	A1
23	WD-23061-S-56	Load Test Scheme for Under frame.	Nil	A1
24	WD-09050-S-09	Brake Gear Arrangement	01	A1
25	WD-09050-S-10	Brake Gear Details	02	A1
26	WD-09050-S-11	Brake Diagram	03	A1
27	WD-98031-S-01	Cradle Arrangement and Detail	01	A1
28	WD-91030-S-01	Anti-pilferage Device for Bogie End Pull Rod.	01	A4
29	WD-81010-S-03	Centre Buffer Coupler	13	A1
30	SK.63720	PRO/PR Stencil.	01	A3
31	SK.66511	Railway Initials in Hindi.	01	A1
32	SK-73552	Hose coupling support	06	A3
33	WD-22091-S-02	BOGIE (CASNUB-22 RFT)	Nil	A1
34	WD-20024-S-01	Centre Pivot & Side Bearer Arrangement	01	A1

LIST OF CONSTRUCTION DRAWINGS 'BTAP' ALUMINA

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-82056-S-50	Index	05	A1
2	WD-82056-S-51	Diagram.	04	A1
3	WD-82056-S-52	General Arrangement.	04	A1
4	WD-82056-S-53	Barrel Assembly.	05	A1
5	WD-82056-S-54	Shell & Partition Details.	06	A1
6	WD-82056-S-55	Dished End Arrangement & Details.	06	A1
7	WD-82056-S-56	Hopper Assembly & Details.	05	A1
8	WD-82056-S-57	Underframe Arrangement.	06	A1
9	WD-82056-S-58	Underframe Details.	05	A1
10	WD-82056-S-59	Stub Sill, Bolster & Shear Plate Arrangement.	03	A1
11	WD-82056-S-60	Stub Sill, Bolster & Shear Plate Details.	05	A1
12	WD-82056-S-61	Torsion Box Assembly & Details.	05	A1
13	WD-82056-S-62	Centre Pivot & Side Bearer Arrangement and Details.	04	A1
14	WD-82056-S-63	Fluidising Chamber Arrangement & Details	08	A1
15	WD-82056-S-64	Top Hatch Arrangement & Details.	06	A1
16	WD-82056-S-65	Fluidising System & Details.	05	A0
17	WD-82056-S-66	Decompression Pipe & Ladder Arrangement and Details.	06	A1
18	WD-82056-S-67	Brake Arrangement.	06	A1
19	WD-82056-S-68	Brake Diagram.	05	A1
20	WD-82056-S-69	Brake Details.	08	A1
21	WD-82056-S-70	Brake Piping Arrangement & Details.	05	A0
22	WD-82056-S-72	Uncoupling Gear Arrangement.	03	A1
23	WD-82056-S-73	Marking Diagram.	14	A1
24	WD-81010-S-03	Arrgt. Of High Tensile Centre Buffer Coupler (Non Transition).	13	A1
25	WD-16005-S-01	U/Frame Arrangement	01	A1
26	WD-16005-S-02	U/Frame Details	Nil	A1
27	WD-16005-S-03	Stub Sill, Bolster and Shear Plate Arrangement	Nil	A1
28	WD-16005-S-04	Stub Sill, Bolster and Shear Plate Details	03	A1
29	WD-24060-S-01	Static load test scheme for BTAP wagon	Nil	A1
30	WD-24060-S-02	Static load test scheme for BTAPM1 wagon	Nil	A1
31	WD-25010-S-01	Fitment of Bracket and clamp for discharge and AFS Pipes.	01	A1

LIST OF CONSTRUCTION DRAWINGS 'BTCS'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-80114-S-50	Index	03	A1
2	WD-80114-S-51	Diagram.	05	A1
3	WD-80114-S-52	General Arrangement.	02	A1
4	WD-80114-S-53	Underframe Arrangement.	03	A1
5	WD-80114-S-54	Underframe Details (Sheet-I)	03	A1
6	WD-80114-S-55	Underframe Details (Sheet-II)	02	A1
7	WD-80114-S-56	Underframe Details (Sheet-III)	03	A1
8	WD-80114-S-57	Bolster Arrangement.	03	A1
9	WD-80114-S-58	Tank Barrel.	02	A1
9	WD-80114-S-59	Cradle Arrangement & Details.	02	A1
10	WD-80114-S-60	Tank Barrel Attachment.	02	A1
11	WD-80114-S-61	Arrangement of Dome & Manhole.	01	A1
12	WD-80114-S-62	Details of Dome & Manhole (Sheet-I)	03	A1
13	WD-80114-S-63	Details of Dome & Manhole (Sheet-II)	02	A1
14	WD-80114-S-64	Master Valve Arrangement & Details.	02	A1
16	WD-80114-S-65	Discharge Pipe Arrangement & Details.	02	A1
17	WD-80114-S-66	Platform & Ladder Arrangement	02	A1
18	WD-80114-S-67	Platform & Ladder Details.	02	A1
19	WD-80114-S-68	Brake Diagram.	03	A1
20	WD-80114-S-69	Brake Gear Arrangement.	02	A1
21	WD-80114-S-70	Brake Gear Details.	02	A1
22	WD-80114-S-71	Brake Pipe Layout & Fitment of Air Brake Equipment .	02	A1
23	WD-80114-S-72	Air Brake Pipe Details (Sheet-I)	04	A1
24	WD-80114-S-73	Air Brake Pipe Details (Sheet-II)	02	A1
25	WD-80114-S-74	Coupler & Draft Gear Arrangement.	02	A1
26	WD-80114-S-75	Uncoupling Gear Arrangement.	02	A1
27	WD-80114-S-76	Loading & Unloading Schematic Diagram.	01	A1
28	WD-80114-S-77	Load Test Scheme.	02	A1
29	WD-80114-S-78	Marking Diagram.	07	A1
30	WD-80114-S-79	Arrangement of Top Unloading System and Details.	04	A1

LIST OF CONSTRUCTION DRAWINGS 'BTPGLN'(VARIANT 'A')

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-93047-S-50	INDEX	05	A1
2	WD-93047-S-51	Diagram.	07	A1
3	WD-93047-S-52	General Arrangement.	03	A1
4	WD-93047-S-53	Under frame Arrangement.	05	A1
5	WD-93047-S-54	Under frame Details Sheet-I	05	A1
6	WD-93047-S-55	Under frame Details Sheet-II	05	A1
7	WD-93047-S-56	Under frame Brake Gear Arrangement.	05	A1
8	WD-93047-S-57	Under frame Brake Gear Details.	05	A2
9	WD-93047-S-58	Brake Diagram.	05	A1
10	WD-00046-S-01	Uncoupling Gear Arrangement.	07	A1
11	WD-93047-S-60	Marking Diagram.	13	A1
12	WD-93047-S-61	Centre Pivot & Side Bearer Arrangement	04	A1
13	WD-93047-S-62	Fitment of Graduated Air Brake Pipe Layout	03	A1
14	WD-93047-S-63	Detail of pipe for fitment of Air Brake Equipment	03	A1
15	WD-93047-S-64	Details of Graduated Air Brake Equipment.	05	A1
16	WD-85029-S-04	Tank Barrel	03	A1
17	WD-85029-S-05	Tank Barrel Attachment	04	A1
18	WD-93047-S-66	Load Test Scheme for Under frame.	03	A1
19	WD-93047-S-67	Load test scheme.	03	A1
20	WCS-7801-S-59	Cradle arrggt. & details (sheet-I)	05	A1
21	WCS-7801-S-60	Cradle arrggt. & details (sheet-II)	03	A1
22	WCS-7801-S-62	Arrangement of DOME fitting & pipe connections	04	A1
23	WCS-7801-S-63	Details of DOME fittings	05	A1
24	WCS-7801-S-64	Platform & ladder arrangement	01	A1
25	WCS-7801-S-65	Platform & ladder details	03	A1
26	WCS-7801-S-72	Arrangement of gauging device	NIL	A1
27	WCS-7205-S-61	Installation of valves & other fittings	01	A1
28	WD-91030-S-01	ADP for Bogie End Pull Rod.	01	A4
29	WD-81010-S-03	Centre Buffer Coupler for Bogie Wagon.	13	A1
30	SK.63720	PRO/PR Stencil.	01	A3
31	SK.66511	Railway Initial in Hindi.	01	A1
32	SK-73552	House Coupling Support	06	A3
33	WD-90096-S-01	BOGIE (CASNUB-22NLB)	04	A1

LIST OF CONSTRUCTION DRAWINGS 'BTPGLN-BMBS' (VARIANT 'B')
(Twin Pipe Bogie Mounted Air Brake System)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-93047-S-50	INDEX	05	A1
2	WD-93047-S-51	Diagram	07	A1
3	WD-09051-S-03	General Arrangement	02	A1
4	WD-09051-S-04	Under Frame Arrangement.	02	A1
5	WD-09051-S-05	Under Frame Details sheet-I	01	A1
6	WD-09051-S-06	Under Frame Details sheet-II	01	A1
7	WD-09051-S-07	Hand Brake Gear Arrangement and Details	NIL	A1
8	WD-09051-S-08	Brake Diagram	02	A1
9	WD-00046-S-01	Uncoupling Gear Arrgt.	07	A1
10	WD-93047-S-60	Marking Diagram.	13	A1
11	WD-93047-S-61	Centre Pivot & Side Bearer Arrgt.	04	A1
12	WD-09051-S-10	Fitment of air brake equipment and pipe Layout	03	A1
13	WD-09051-S-11	Details of pipes for fitment of graduated release air brake equipment	04	A1
14	WD-09051-S-12	Details for fitment of air brake equipment	02	A1
15	WD-85029-S-04	Tank Barrel	03	A1
16	WD-85029-S-05	Tank Barrel Attachments	04	A1
17	WD-93047-S-66	Load Test Scheme for Under frame	03	A1
18	WD-93047-S-67	Load Test Scheme	03	A1
19	WCS-7801-S-59	Cradle Arrangement and Details (sheet-I).	05	A1
20	WCS-7801-S-60	Cradle Arrangement and Details (sheet-II).	03	A1
21	WCS-7801-S-62	Arrangement of Dome fitting and pipe Connections	04	A1
22	WCS-7801-S-63	Details of Dome fittings	05	A1
23	WCS-7801-S-64	Platform and Ladder Arrangement.	01	A1
24	WCS-7801-S-65	Platform and Ladder Details	03	A1
25	WCS-7801-S-72	Arrangement of Gauging Device	NIL	A1
26	WCS-7205-S-61	Installation of Valves and other fitting.	01	A1
27	WD-91030-S-01	ADP for Bogie End Pull Rod.	01	A4
28	WD-81010-S-03	Centre Buffer Coupler for Bogie Wagon.	13	A1
29	SK.63720	PRO/PR Stencil.	01	A3
30	SK.66511	Railway Initial in Hindi.	01	A1
31	SK-73552	House Coupling Support	06	A3
32	WD-90096-S-01	BOGIE (CASNUB-22NLB)	04	A1

LIST OF CONSTRUCTION DRAWINGS 'TPR'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-01030-S-01	Assembly of Bracket	Nil	A4
2	WD-01030-S-02	Outer Bracket Details	Nil	A4
3	WD-01030-S-03	Inner Bracket Details	Nil	A4
4	WD-01030-S-04	U/Frame Arrangement Fitted with ABC-NACO Unitruck-II Suspension	Nil	A1
5	WD-01030-S-05	Mounting Tolerances	Nil	A4
6	WD-01030-S-06	Diagram Fitted with ABC-NACO Unitruck-II Suspension	01	A1

LIST OF CONSTRUCTION DRAWINGS 'BTFLN' (Rites control)
(Bogie Mounted Air Brake System)

Drawing No.	Description	
RSD6315-051	Index	
RSD6315-052	Diagram	
RSD6315-053	General Arrangement	
RSD6315-003	Tank on Frame Connection Arrgt.(Sheet 1 of 2)	
RSD6315-003	Tank on Frame Connection Arrgt.(Sheet 2 of 2)	
RSD6315-004	Tank on Frame Connection Details (Sheet 1 of 2)	
RSD6315-004	Tank on Frame Connection Details (Sheet 2 of 2)	
RSD6315-005	Frame Assembly	
RSD6315-006	Frame Details	
RSD6315-007	Bolster Assembly	
RSD6315-008	Bolster Details	
RSD6315-009	Tank Barrel Arrangement	
RSD6315-010	Mounting Strips	
RSD6315-011	Tank Barrel Details	
RSD6315-012	Arrangement of Discharge System	
RSD6315-013	Uncoupling Gear Arrangement	
RSD6315-014	Dome Arrangement	
RSD6315-015	Dome Details	
RSD6315-016	Platform and Ladder Arrangement	
RSD6315-017	Platform and Ladder Details	
RSD6315-054	Arrangement of Brake Bracket	
RSD6315-055	Hand Brake arrangement	
RSD6315-056	Air Brake Arrangement (Sheet 1 of 2)	
RSD6315-056	Air Brake Arrangement (Sheet 2 of 2)	
RSD6315-057	Brake Bracket Details	
RSD6315-058	Details of pipes	
RSD6315-059	Marking Diagram	

Note. No issue

List of Construction Drawings 'BTOH'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-09100-S-01	Index (Heavy Oil Tank Wagon)	Nil.	A1
2	WD-09100-S-02	Diagram	Nil.	A1
3	WD-09100-S-03	General Arrangement	Nil.	A1
4	WD-09100-S-04	Under Frame Arrangement.	Nil.	A1
5	WD-09100-S-05	Under Frame Details	Nil.	A1
6	WD-09100-S-06	Bolster Assembly	Nil.	A1
7	WD-09100-S-07	Bolster Details	Nil.	A1
8	WD-09100-S-08	Cradle Arrangement and Details	Nil.	A1
9	WD-09100-S-09	Tank Barrel	Nil.	A1
10	WD-09100-S-10	Tank Barrel Attachment.	Nil.	A1
11	WD-09100-S-11	Dome Arrangement and Dome Details	Nil.	A1
12	WD-09100-S-12	Platform and Ladder Arrangement.	Nil.	A1
13	WD-09100-S-13	Platform and Ladder Details	Nil.	A1
14	WD-09100-S-14	Arrangement & Details of Bottom Discharge Valve	Nil.	A1
15	WD-00046-S-01	Uncoupling Gear Arrangement	07	A1
16	WD-09100-S-15	Fitment of air brake equipment and pipe Layout	01	A1
17	WD-09100-S-16	Details of pipe for fitment of air brake equipment	02	A1
18	WD-09100-S-17	Details for fitment of air brake equipment	01	A1
19	WD-09100-S-18	Marking Diagram.	Nil.	A1
20	WD-09100-S-19	Load Test Scheme for Under frame	01	A1
21	WD-09100-S-20	Brake Gear Arrangement	Nil.	A1
22	WD-09100-S-21	Brake Gear Details	Nil.	A1
23	WD-09100-S-22	Brake Diagram	Nil.	A1
24	WD-09100-S-23	Tank Heating Arrangement.	Nil.	A1
25	WD-09100-S-24	Tank Heating Details	Nil.	A1
26	WD-98031-S-01	Cradle Arrangement and Details	01	A1

LIST OF CONSTRUCTION DRAWINGS ‘BTALN’
(with UIC Bogie & Air Brake)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-84058-S-01	INDEX	03	A1
2	WD-84058-S-02	Diagram	02	A1
3	WD-84058-S-03	General Arrangement	02	A1
4	WD-84058-S-04	Under Frame Arrangement.	01	A1
5	WD-84058-S-05	Under Frame Details (Sheet-I)	Nil.	A1
6	WD-84058-S-06	Under Frame Details (Sheet-II)	Nil.	A1
7	WD-84058-S-07	Under Frame Details (Sheet-III)	Nil.	A1
8	WD-84058-S-08	Under Frame Details (Sheet-IV)	01	A1
9	WD-84058-S-09	Under Frame Bolster	Nil.	A1
10	WD-84058-S-10	Arrangement of CBC (NON-Transition)	Nil.	A1
11	WD-84058-S-10A	Uncoupling Arrangement (Non –Transition CBC)	Nil.	A1
12	WD-84058-S-11	Fitment of Graduated Release Air brake equipment and Twin pipe Layout	Nil.	A1
13	WD-84058-S-12	Fitment of Graduated Release Air brake equipment and Twin pipe Layout Details	Nil.	A1
14	WD-84058-S-13	Details of Graduated Release Air brake equipment	Nil.	A1
15	WD-84058-S-14	Under Frame Brake Gear Arrangement	Nil.	A1
16	WD-84058-S-15	Brake Gear and Under Frame Details	Nil.	A1
17	WD-84058-S-16	Platform and Ladder Arrangement	Nil.	A1
18	WD-84058-S-17	Platform and Ladder Details	Nil.	A1
19	WD-84058-S-18	Brake Diagram	Nil.	A1
20	WD-84058-S-19	Marking Diagram. (English)	04	A1
21	WD-84058-S-20	Marking Diagram. (Hindi)	04	A1
22	WCS-7004-S-53	Tank Barrel	05	A1
23	WCS-7004-S-54	Cradle Arrangement and Details	03	A1
24	WCS-7004-S-60	Tank Barrel Attachment	04	A1
25	WCS-7004-S-61	Arrangement of Dome Fitting and pipe connections	03	A1
26	WCS-7004-S-62	Details of Dome Fittings (Sheet-I)	06	A1
27	WCS-7004-S-82	Details of Dome Fittings (Sheet-II)	NIL.	A1
28	WCS-7004-S-63	Arrangement of frame, Insulation and Jacket	02	A1
29	WCS-7004-S-64	Frame for Insulation and Jacket	NIL.	A1
30	WCS-7004-S-65	Details of Frame for Insulation and Jacket	01	A1
31	WCS-7004-S-66	Arrangement of Insulation	02	A1
32	WCS-7004-S-67	Details of Jacket Sheets & Sealing Straps (Sheet-I)	01	A1
33	WCS-7004-S-68	Details of Jacket Sheets & Sealing Straps (Sheet-II)	02	A1
34	DRG No.4000 01	INDEX (BOX Type UIC Bogie)	01	A1
35	DRG No.4000 02	Bogie General Arrangement	03	A1
36	DRG No.4000 03	10-plate spring suspension arrangement	05	A1
37	DRG No.4000 04	Bogie frame arrangement	01	A1
38	DRG No.4000 05	Arrangement of center pivot	01	A1

39	DRG No.4000 06	Bogie frame gear arrangement	NIL	A1
40	<i>DRG No.4000 07</i>	<i>Bogie side frame and details</i>	<i>03</i>	<i>A1</i>
41	DRG No.4000 08	Details of welded bogie frame sheet-1	01	A1
42	DRG No.4000 09	Details of welded bogie frame sheet-2	NIL	A1
43	DRG No.4000 10	Center spring hanger bracket & details	NIL	A1
44	DRG No.4000 11	Bogie trimmer arrangement (Inner)	NIL	A1
45	DRG No.4000 12	Bogie trimmer arrangement (outer)	NIL	A1
46	DRG No.4000 13	Trimmer details	NIL	A1
47	<i>DRG No.4000 14</i>	<i>Head stock, diagonal and safety loop bracket Details</i>	<i>01</i>	<i>A1</i>
48	DRG No.4000 15	Head stock spring hanger Bracket	02	A1
49	DRG No.4000 16	Head stock spring hanger Bracket details	02	A1
50	DRG No.4000 17	Transom and details	01	A1
51	DRG No.4000 18	Procedure And Method Of Checking Bogie	02	A1
52	DRG No.4000 19	Location Of Brake Gear Pin And Bushes	05	A1
53	DRG No.4000 20	Bogie Brake Diagram	NIL	A1
54	DRG No.4000 21	Legend Marking And Standards Plate Location	05	A2

LIST OF CONSTRUCTION DRAWINGS ‘BTALNM’ (Variant-B)
(with CASNUB Bogie and Air brake)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-84058-S-01	INDEX (BTALNM)/BTALNM1	03	A1
2	WD-14002-S-52	Diagram	02	A1
3	WD-14002-S-53	General Arrangement	01	A1
4	WD-14002-S-54	Under Frame Arrangement.	Nil.	A1
5	WD-84058-S-05	Under Frame Details (Sheet-I)	Nil.	A1
6	WD-84058-S-06	Under Frame Details (Sheet-II)	Nil.	A1
7	WD-14002-S-55	Under Frame Details (Sheet-III)	Nil.	A1
8	WD-84058-S-08	Under Frame Details (Sheet-IV)	01	A1
9	WD-14002-S-56	Under Frame Bolster	03	A1
10	WD-84058-S-10	Arrangement of CBC	Nil.	A1
11	WD-84058-S-10A	Uncoupling Arrangement	Nil.	A1
12	WD-84058-S-11	Fitment of Graduated Release Air brake equipment and Twin pipe Layout	Nil.	A1
13	WD-84058-S-12	Fitment of Graduated Release Air brake equipment and Twin pipe Layout Details	Nil.	A1
14	WD-84058-S-13	Details of Graduated Release Air brake equipment	Nil.	A1
15	WD-14002-S-57	Under Frame Brake Gear Arrangement	Nil.	A1
16	WD-14002-S-58	Brake Gear and Under Frame Details	01	A1
17	WD-14002-S-59	Platform and Ladder Arrangement	Nil.	A1
18	WD-14002-S-60	Platform and Ladder Details	Nil.	A1
19	WD-14002-S-61	Brake Diagram	02	A1
20	WD-14002-S-62	Marking Diagram. (English)	05	A1
21	WD-14002-S-63	Marking Diagram. (Hindi)	05	A1
22	WCS-7004-S-53	Tank Barrel	05	A1
23	WCS-7004-S-54	Cradle Arrangement and Details	03	A1
24	WCS-7004-S-60	Tank Barrel Attachment	04	A1
25	WCS-7004-S-61	Arrangement of Dome Fitting and pipe connections	03	A1
26	WCS-7004-S-62	Details of Dome Fittings (Sheet-I)	06	A1
27	WCS-7004-S-82	Details of Dome Fittings (Sheet-II)	Nil.	A1
28	WCS-7004-S-63	Arrangement of frame, Insulation and Jacket	02	A1
29	WCS-7004-S-64	Frame for Insulation and Jacket	Nil.	A1
30	WCS-7004-S-65	Details of Frame for Insulation and Jacket	01	A1
31	WCS-7004-S-66	Arrangement of Insulation	02	A1
32	WCS-7004-S-67	Details of Jacket Sheets & Sealing Straps (Sheet-I)	01	A1
33	WCS-7004-S-68	Details of Jacket Sheets & Sealing Straps (Sheet-II)	02	A1
34	WD-23101-S-01	Auxiliary Reservoir Safety Bracket & Safety Strap Arrangement	Nil	A1

LIST OF CONSTRUCTION DRAWINGS 'BTALNMI'
(With CASNUB Bogie & Air Brake)

S. No.	Drawing No.	Description	Last Alt. No.	Drawing Size
1	WD-84058-S-01	Index	03	A1
2	WD-14002-S-52	Diagram	02	A1
3	WD-14002-S-53	General Arrangement	01	A1
4	WD-14002-S-54	Under Frame Arrangement	NIL	A1
5	WD-84058-S-05	UnderFrame Details (Sheet-I)	NIL	A1
6	WD-84058-S-06	UnderFrame Details (Sheet-II)	NIL	A1
7	WD-14002-S-55	UnderFrame Details (Sheet-III)	NIL	A1
8	WD-84058-S-08	Underframe Details (Sheet-IV)	01	A1
9	WD-21004-S-56	Underframe Bolster	01	A1
10	WD-84058-S-10	Arrangement Of CBC	NIL	A1
11	WD-84058-S-10A	Uncoupling Arrangement	NIL	A1
12	WD-84058-S-11	Fitment Of Graduated Release Air Brake Equipment &Twin Pipe Layout	NIL	A1
13	WD-84058-S-12	Fitment Of Graduated Release Air Brake Equipment &Twin Pipe Layout Details	NIL	A1
14	WD-84058-S-13	Details Of Graduated Release Air Brake Equipment	NIL	A1
15	WD-14002-S-57	UnderFrame Brake Gear Arrangement	NIL	A1
16	WD-14002-S-58	Brake Gear And UnderFrame Details	01	A1
17	WD-14002-S-59	Platform And Ladder Arrangement	NIL	A1
18	WD-14002-S-60	Platform And Ladder Details	NIL	A1
19	WD-14002-S-61	Brake Diagram	02	A1
20	WD-21004-S-62	Marking Diagram (English)	02	A1
21	WD-21004-S-63	Marking Diagram (Hindi)	02	A1
22	WCS-7004-S-53	Tank Barrel	05	A1
23	WCS-7004-S-54	Cradle Arrangement & Details	03	A1
24	WCS-7004-S-60	Tank Barrel Attachment	04	A1
25	WCS-7004-S-61	Arrangement Of Dome Fittings & Pipe Connections	03	A1
26	WCS-7004-S-62	Details Of Dome Fittings (Sheet-I)	06	A1
27	WCS-7004-S-82	Details Of Dome Fittings (Sheet-II)	NIL	A1
28	WCS-7004-S-63	Arrgt. Of Frame, Insulation& Jacket	02	A1
29	WCS-7004-S-64	Frame For Insulation & Jacket	NIL	A1
30	WCS-7004-S-65	Details Of Frame For Insulation & Jacket	01	A1
31	WCS-7004-S-66	Arrgt. Of Insulation	02	A1
32	WCS-7004-S-67	Details Of Jacket Sheets & Sealing Straps (Sheet-I)	01	A1
33	WCS-7004-S-68	Details Of Jacket Sheets & Sealing Straps (Sheet-II)	02	A1
34	WD-23101-S-01	Auxiliary Reservoir Safety Bracket & Safety Strap Arrangement	Nil	A1

‘ BTFC’ WAGON

DRAWING No.	DESCRIPTION	Alt. No.	Drg. Size
WD-19050-S-01	INDEX	01	A1
WD-19050-S-02	Diagram	05	A1
WD-19050-S-03	General Arrangement	02	A1
WD-19050-S-04	Barrel Assembly	01	A1
WD-19050-S-05	Shell and Partition Details	02	A1
WD-19050-S-06	Dished End Arrangement and Details	01	A1
WD-19050-S-07	Hopper Assembly and Details	02	A1
WD-19050-S-08	Under frame Arrangement	02	A1
WD-19050-S-09	Under frame Details	01	A1
WD-19050-S-10	Stubsill Bolster and Shear Plate Arrangement	01	A1
WD-19050-S-11	Stubsill Bolster and Shear Plate Details	02	A1
WD-19050-S-12	Centre Filler Arrangement & Details	02	A1
WD-19050-S-13	Torsion Box Arrangement and Details	02	A1
WD-19050-S-14	Centre Pivot & Side Bearer Arrangement	Nil	A1
WD-19050-S-15	Fluidising Chamber Arrangement and Details(Sh.1 of 3)	02	A1
WD-19050-S-16	Fluidising Chamber Arrangement and Details(Sh.2 of 3)	01	A1
WD-19050-S-17	Fluidising Chamber Arrangement and Details(Sh.3 of 3)	01	A1
WD-19050-S-18	Top Hatch Arrangement and Details	02	A1
WD-19050-S-19	Fluidising system and Details (Sh.1 of 2)	Nil	A1
WD-19050-S-20	Fluidising system and Details (Sh.2 of 2)	Nil	A1
WD-19050-S-21	Decompression Pipe, Ladder Arrangement and Details	02	A1
WD-19050-S-22	Hand Brake Arrangement & Details.	01	A1
WD-19050-S-23	Bake Diagram.	02	A1
WD-19050-S-24	Fitment of Graduated Release Air Brake Equipment and Pipe Layout.	Nil	A1
WD-19050-S-25	Details of Pipe for fitment of Graduated Release Air Brake Equipment (Sh.1 of 2)	Nil	A1
WD-19050-S-26	Details of Pipe for fitment of Graduated Release Air Brake Equipment (Sh.2 of 2)	Nil	A1
WD-19050-S-27	Details of fitment of Graduated Release Air Brake Equipment.	Nil	A1
WD-19050-S-28	Uncoupling Gear Arrangement	Nil	A1
WD-19050-S-29	Marking Diagram	01	A1
WD-19050-S-30	Load Test Chart	Nil	A1
WD-19050-S-31	Locations of Strain Gauge for Squeeze load test	02	A1
WD-92058-S-01	Index of 22HS Bogie	04	A1
WD-81010-S-03	Arrangement High Tensile Centre Buffer Coupler	13	A1

INDEX OF BRAKE VAN (B.G.)

S. No.	Type of Brake Van	Page No.
1	BVZC	189
2	BVZN	190
3	BVZT	191
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5	BVGT (MOD.)	193
6	BVZA with ABC-NACO	194
7	BVZI (Design-`A`)	195
8	BVZI (Design-`B`)	196
9	BVZI (Design-`C`)	197
10	BVCM Design-A	198
11	BVCM Design-B	199
12	BVCM Design-C	200

LIST OF CONSTRUCTION DRAWINGS 'BVZC'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-81035-S-01	Index of BVZC	01	A1
2	-do-	02 Diagram.	05	A1
3	-do-	03 General Arrangement.	06	A1
4	-do-	04 Underframe Arrangement.	03	A1
5	-do-	05 Underframe Details (Sheet-I)	03	A1
6	-do-	06 -do- (Sheet-II)	05	A1
7	-do-	07 -do- (Sheet-III)	04	A1
8	-do-	08 Floor Plates.	02	A1
9	-do-	09 Brake Diagram.	Nil	A1
10	-do-	10 Brake Arrangement.	02	A1
11	-do-	11 Anti-pilferage Device for Brake Gear Components.	Nil	A1
12	-do-	17 CBC Uncoupling Gear Arrangement.	03	A1
13	-do-	18 Marking Diagram.	12	A1
14	-do-	19 Arrangement of Foot Steps & Details.	05	A1
15	-do-	20 List of Parts.	04	A1
16	-do-	21 Twin Pipe Layout.(with Escorts Equipment)	06	A0
17	-do-	22 Details of Pipe Clamps & Packing for Twin Pipe Arrgtt. (with Escorts Brake Equipment)	03	A1
18	WD-81035-S-23	Pipe Details for Air Brake.(with M/S Escorts Equipments.)	03	A1
19	SK.121-62651	Centre Sill.(Cross Sect. for Guidance Only)	02	A3
20	SK.75524	Arrangement of Super Structure to be read with WD-81035-S-16 & S-19)	08	A1
21	SK.75527	Body Details & Fittings.	06	A1
22	SK.75528	Body & Roof Joints Details.	02	A1
23	SK.79561	Running Gear Arrangement.	04	A1
24	WD-81035-S-16	Arrangement of Pressure Gauge for brake Pipe & Feed Pipe	01	A1
25	SK.79562	Running Gear Details.	08	A1
26	SK.79565	Laminated Bearing Spring (1800 mm eye Centre)	01	A1
27	WD-80143-S-01	Fabricated Brake Beam.	Nil	A1
28	SK.63720	PRO/PR Stencil.	01	A3
29	SK.66511	Railway Initials in Hindi.	01	A1
30	SK.75535	Fixing Arrangement & Details of LV Board	Nil	A2
31	SK.74540	Details of Modification to Brake Arrangement for Fitment of Air Brake.	03	A1
32	SK.73552	Air Brake Hose Coupling Support.	06	A3
33	CSC.1015	Ventilator.	03	A4
34	WD-81035-S-12	Fitment of graduated release air brake equipment & twin pipe layout (Sheet 1)	02	A1
35	WD-81035-S-15	Details of fitment for Gr. Release air brake equipment (sheet-I)	01	A1
36	WD-81035 -S-15A	Details of fitment for graduated release air brake equipment	05	A1
37	WD-81035-S-13	Fitment of graduated air brake equipment & twin pipe layout (sheet-II)	02	A1
38	WD-81035-S-14	Details of pipes for fitment of Gr. Release air brake equipment	Nil	A1
39	WD-81010-S-03	Arrangement of CBC.	13	A1

LIST OF CONSTRUCTION DRAWINGS 'BVZN'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-91044-S-01	Index for BVZN	Nil	A1
2	-do- 02	Diagram.	"	A1
3	-do- 03	General Arrangement.	"	A1
4	-do- 04	Underframe Arrangement.	"	A1
5	-do- 05	Underframe Details (Sheet-I)	"	A1
6	-do- 06	-do- (Sheet-II)	"	A1
7	-do- 07	Brake Diagram.	"	A1
8	-do- 08	Brake Gear arrangement.	"	A1
9	-do- 09	Brake Gear Details.	"	A1
10	-do- 10	Anti-pilferage Device for Brake Gear Components.	"	A1
11	-do- 11	Fitment of Air Brake Equipment & pipe Layout	01	A1
12	-do- 12	Details of Pipe for Fitment of Air Brake Equipment.	Nil	A1
13	-do- 13	Details for Fitment of Air Brake Equipment	02	A1
14	-do- 14	Anti-pilferage Device for Distributor Valve	Nil	A1
15	-do- 15	Uncoupling Gear Arrgtt. on Guard Arm Side	Nil	A1
16	-do- 16	Arrangement of Foot Steps & details.	Nil	A1
17	WD-91044-S-17	Marking Diagram.	Nil	A1
18	SK.75524	Arrangement of Super Structure (read with WD-91044-S-16)	08	A1
19	SK.75527	Body Details & Fitting.	06	A1
20	SK.75528	Body & Roof Joints Details.	02	A1
21	SK.79561	Running Gear Arrangement.	04	A1
22	SK.79562	running Gear Details.	08	A1
23	SK.79565	Laminated Bearing Spring(1800mm eye Centre)	01	A1
24	SK.63720	PRO/PR Stencil.	01	A3
25	SK.66511	Railway Initials in Hindi.	01	A1
26	SK.75535	Fixing Arrangement & Details of LV Board	Nil	A2
27	SK.73552	Air Brake Hose Coupling Support.	06	A4
28	WD-80143-S-01	Fabricated Brake Beam.	Nil	A1
29	WD-81010-S-03	Arrangement of Super Tensile Buffer Coupler(Non-transition)	13	A1
30	CSC-1015	Ventilator.	03	Nil

LIST OF CONSTRUCTION DRAWINGS 'BVZT'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	SK.79558	Index for BVZT	Nil	A1
2	SK.79559	Diagram.	Nil	A1
3	" 75522	General Arrangement (read with Sk.79561)	02	A1
4	" 75523	Underframe Arrangement.	01	A0
5	" 70563	Underframe Bracket(read With SK.75522 and SK.75523)	0 6	A1
6	SK.121-62651	Centre Sill.	02	A3
7	" 122-62655	Back Stop.	Nil	A2
8	" 121-62648	Underframe Details (Sheet-I) (Read with SK.75523)	04	A1
9	SK.79563	Single Piece Uncoupling Gear Arrangement for Transition CBC.	Nil	A1
10	" 75524	Arrangement of Super Structure.	08	A1
11	" 75527	Body Details & Fitting.	06	A1
12	" 75528	Body & Roof Joint Details.	02	A1
13	" 79561	Running Gear Arrangement.	04	A1
14	" 79562	Running Gear Details.	08	A1
15	" 79565	Laminated Bearing Spring(1800mm eye Centre	01	A1
16	" 75526	Brake Arrangement(Read with SK.76502)	02	A1
17	" 78534	Proposed Arrangement for Guard with Van Value & Vacuum Pipe(read with SK.75526)	Nil	A1
18	" 79560	Brake Diagram.	Nil	A1
19	" 76502	Modification to Fit 560 mm Cylinder 'F' Type(VBA-20/M) in place of 533 mm Cylinder 'F' type (VBA-15/M)	Nil	A1
20	" 79564	Anti-pilferage Device for Brake Gear Components	Nil	A1
21	" 72536	Modification to Brake Arrangement for High Speed (for Guidance Only)	01	A1
22	" 71559	Fabricated Brake Beam & Connecting Link.	05	A1
23	" 74593	Guide Bush (High Density Polythene)	03	A3
24	" 63720	PRO/PR stencil.	01	A3
25	" 66511	Railway Initials in Hindi.	01	A1
26	" 75502	Suspension Hook Arrangement.	Nil	A2
27	" 75535	Fixing Arrangement & Details of LV Board	Nil	A2
28	SK.77521	Marking Diagram.	03	A1

LIST OF CONSTRUCTION DRAWINGS 'BVG'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	Drg.2100-50	Index for BVT	Nil	A0
2	-do- 51	Diagram.	01	A0
3	-do- 54	General Arrangement.	03	A0
4	-do- 55	Underframe Arrangement.	01	A0
5	-do- 56	Underframe Members.	02	A0
6	-do- 57	-do- Details.	02	A0
7	-do- 58	Underframe Body Brackets.	01	A0
8	-do- 59	-do- -do- Double.	01	A0
9	-do- 60	Platform Bracket.	01	A0
10	-do- 61	Footstep Brackets.	Nil	A0
11	-do- 62	Brake Arrangement. (Side View & Plan)	01	A0
12	-do- 63	Brake Arrangement.(End View)	01	A0
13	-do- 64	Brake Diagram.	01	A0
14	-do- 65	Brake piping	03	A0
15	-do- 66	Underframe Clearances.	01	A0
16	-do- 67	Superstructure Arrangement.	01	A0
17	-do- 68	Body Stanchions, etc.	01	A0
18	-do- 69	Roof Sticks & Stanchions.	Nil	A0
19	-do- 70	Body Sheets.	02	A0
20	-do- 71	Body Details.	01	A0
21	-do- 73	Look-out Arrangement.	Nil	A0
22	-do- 74	Body Side Sections.	Nil	A0
23	-do- 75	Floor Boards.	Nil	A0
24	-do- 76	Side & End Body Framing.	01	A0
25	-do- 79	Look-out Wood-Work.	Nil	A0
26	-do- 80	Timber Sections & Frame Members.	01	A0
27	-do- 81	Roof Sheets.	01	A0
28	Drg.2100-82	Running Gear Arrangement.	03	A0
29	Drg.2100-PL -1 to PL-8/M 8	List of Parts.	06	A0
30	Drg.2000-8A	Arrangement of Draft Gear.	07	A1
31	Drg.2000-11A/M	Rivet list body (Sheet 1 & 2)	Nil	A1
32	Drg.2000-12A/M	Rivet list U' Frame (Sheet 1 & 2)	Nil	A1
33	-do- 13A/M	Bolts, Nuts, Screws.	Nil	A1
34	-do- 53A /M	Axle-Box Tolerances.	03	A1
35	Drg.2000-59A/M	Axle-Box Arrangement.	06	A1
36	Drg.2000-90A/M	Application of special jointing composition.	Nil	A1
37	CSW-1160	draft Gear Bracket.	03	A3
38	SK.59404	Marking Diagram.	Nil	A1
39	SK.61004	Stiffening of Headstocks.	Nil	A1
40	SK.61247	Fabricated Rubbing Block.	01	A1

LIST OF CONSTRUCTION DRAWINGS 'BVGT(MOD)'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	SK.78530	Index for BVGT (MOD)	Nil	A1
2	" 78531	Diagram.	Nil	A2
3	" 78532	General Arrangement(Read with SK.75535)	04	A0
4	" 78533	Miscellaneous Modifications.	Nil	A2
5	" 78534	Proposed Arrangement for Guard's Van Value and Vacuum pipe.	Nil	A1
6	" 78535	Underframe Arrangement & Body brackets.	Nil	A0
7	" 69512	Underframe Arrangement (to be read with SK.78533, SK.78534 & SK.78535)	03	A1
8	" 69513	Underframe Members.	05	A1
9	" 69514	Underframe Members.	04	A1
10	" 69515	Underframe Details.	05	A1
11	" 69516	Underframe Details.	06	A1
12	" 69517	Checkered Plate Floor Arrangement.(Read with SK.78534 & SK.78535)	07	A1
13	: 69520	Uncoupling Gear Arrangement.	02	A1
14	" 69522	Brake Piping(read with SK.76502 & 78534)	04	A1
15	" 69523	Brake Arrangement.(read with SK.76502)	03	A1
16	" 70563	Underframe Brackets(read with SK.78535)	06	A1
17	" 75524	Arrangement of Super Structure.	08	A1
18	" 75527	Body Details & Fitting.	06	A1
19	" 75528	Body & Roof Joint Details.	02	A1
20	Drg.2100-64-M	Brake Diagram.	01	A0
21	" 2100-82-M	Running Gear (for Guidance Only)	03	A1
22	" 2000-53A-M	Axle Box Tolerances.	03	A1
23	" 2000-59-M	Axle Box Arrangement.	06	A1
24	SK.77521	Marking Diagram.(read Note 6 of SK.76502)	01	A1
25	" 63720	PRO/PR Stencil	01	A3
26	" 66511	Railway Initials in Hindi	01	A1
27	" 69586	Modified Brake Beam Hanger.	Nil	A3
28	" 71548	Anti-pilferage Device for Br. Gear Component	03	A1
29	" 72528	Modification to Axle Box & Face Plate to Prevent Axle Box Bearing Pilferage.	Nil	A1
30	" 74593	Guide Bush (High Density Polythene)	03	A4
31	" 75502	Suspension Hook Arrangement.	Nil	A1
32	" 75535	Fixing Arrangement & Details of LV Board.	Nil	A2
33	" 76502	Modification to Fit up 560 mm Cylinder 'F' type (VBA-@)/M) in place of 533 mm Cylinder "F" type (VBA-15/M)	Nil	A1
34	" 77556	Reclamation of Laminated Bearing Spring(Read with WA-14)	Nil	A1
35	CSC-1015	Ventilator (Type Oriental)	03	A1

LIST OF CONSTRUCTION DRAWINGS 'BVZA with ABC-NACO'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size.
1	WD-01005-S-01	Assembly of Bracket	02	A3
2	WD-01005-S-02	Outer Bracket Details	02	A3
3	WD-01005-S-03	Inner Bracket Details	02	A3
4	WD-01005-S-04	Bracket Fitment underframe	02	A1
5	WD-01005-S-05	Mounting Tolerances	02	A3
6	WD-01005-S-06	Diagram	02	A1

LIST OF CONSTRUCTION DRAWINGS 'BVZI' DESIGN-'A'
(Single pipe Arrangement with Conventional Brake System.)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-00039-S-01	Index of BVZI	08	A1
2	WD-00039-S-02	Diagram	04	A1
3	WD-00039-S-03	General Arrangement	08	A1
4	WD-00039-S-04	Underframe Arrangement	06	A1
5	WD-00039-S-05	Underframe Details	03	A1
6	WD-00039-S-06	Centre Pivot and Side Bearer Arrangement	05	A1
7	WD-00039-S-07	Brake gear arrangement.	NIL.	A1
8	WD-00039-S-08	Brake gear details.	01	A1
9	WD-00039-S-09	Brake diagram.	01	A1
10	WD-00039-S-10	Brake equipment & pipe layout.	01	A1
11	WD-00039-S-11	Modification in ICF bogie for use on brake van.	01	A1
12	WD-81035-S-11	Anti-pilferage Device for Brake Gear Components.	NIL	A1
13	WD-81035-S-16	Arrangement of pressure gauge for brake pipe.	01	A1
14	WD-81035-S-17	Uncoupling Gear arrangement on guard ARM side	03	A1
15	WD-81035-S-18	Marking diagram.	12	A1
16	WD-81035-S-19 Sheet-01	Arrangement of footsteps & details	05	A1
17	WD-81035-S-19 Sheet-02	Arrangement of footsteps & details	02	A1
18	WD-81035-S-21	Fitment of graduated release air brake equipment & Twin pipe layout.	06	A0
19	WD-81035-S-22	Details of Pipe clamps and packings.	03	A1
20	WD-81035-S-23	Details of Pipe for Fitment of graduated release Air Brake Equipment.	03	A1
21	WD-81094-S-04	Additional Marking for Brake Van fitted with Air Brake	02	A1
22	WD-01064-S-01	Arrangement for Reflector Indicator Board	NIL	A4
23	SK-63720	PRO/PR STENCIL.	01	A3
24	SK-66511	Railways Initials in Hindi	01	A1
25	SK-73552	Air Brake Hose coupling support ventilator.	06	A3
26	SK-74540	Details of Modification to Brake Arrangement for fitment of Air Brake	03	A1
27	SK-75524	Arrangement of super structure.	08	A1
28	SK-75527	Body details & fittings.	06	A1
29	SK-75528	Body & roof joints details.	02	A1
30	SK-75535	Fixing arrangement & details of LV. Board.	NIL	A2
31	CSC-1015	Ventilator	03	A4
32	WD-81010-S-3	Centre Buffer Coupler for Bogie Wagon.	13	A1
33	T-0-0-801(ICF Drg)	Bogie General Arrangement	-	-

LIST OF CONSTRUCTION DRAWINGS 'BVZI' DESIGN-`B`
(Single pipe Arrangement with BMBS.)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-00039-S-01	Index of BVZI	08	A1
2	WD-00039-S-02	Diagram	04	A1
3	WD-00039-S-03	General Arrangement	08	A1
4	WD-00039-S-04	Under frame Arrangement	06	A1
5	WD-00039-S-05	Under frame Details	03	A1
6	WD-00039-S-06	Centre Pivot and Side Bearer Arrangement	05	A1
7	WD-81035-S-16	Arrangement of pressure gauge for brake pipe.	01	A1
8	WD-81035-S-17	Uncoupling Gear arrangement on guard ARM side	03	A1
9	WD-81035-S-19 Sheet-01	Arrangement of footsteps & details	05	A1
10	WD-01064-S-01	Arrangement for Reflector Indicator Board	NIL	A4
11	WD-04050-S-01	Marking diagram.BVZI	07	A1
12	WD-04050-S-02	Modification in ICF bogie for use on brake van.	04	A1
13	WD-04050-S-03	Hand Brake gear arrangement.	01	A1
14	WD-04050-S-04	Hand Brake gear Details	01	A1
15	WD-04050-S-05	Brake diagram.	NIL.	A1
16	WD-04050-S-06	Fitment of air brake equipment & pipe layout.	03	A1
17	WD-04050-S-07	Details of Pipe for Fitment & Air Brake Equipment.	02	A1
18	WD-04050-S-08	Details of Fitment of Air Brake Equipment	NIL.	A1
19	T-0-0-801(ICF Drg)	Bogie General Arrangement	-	-
20	SK-63720	PRO/PR STENCIL.	01	A3
21	SK-66511	Railways Initials in Hindi	01	A1
22	SK-73552	Air Brake Hose coupling support ventilator	06	A3
23	SK-75524	Arrangement of super structure.	08	A1
24	SK-75527	Body details & fittings.	06	A1
25	SK-75528	Body & roof joints details.	02	A1
26	SK-75535	Fixing arrangement & details of LV. Board.	NIL	A2
27	CSC-1015	Ventilator	03	A4
28	WD-81010-S-03	Centre Buffer Coupler for Bogie Wagon.	13	A1

LIST OF CONSTRUCTION DRAWINGS 'BVZI' DESIGN-`C`
(Twin pipe Arrangement with BMBS.)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-00039-S-01	Index of BVZI	08	A1
2	WD-10004-S-01	Diagram	01	A1
3	WD-00039-S-03	General Arrangement	08	A1
4	WD-00039-S-04	Underframe Arrangement	06	A1
5	WD-00039-S-05	Underframe Details	03	A1
6	WD-00039-S-06	Centre Pivot and Side Bearer Arrangement	05	A1
7	WD-81035-S-16	Arrangement of pressure gauge for brake pipe.	01	A1
8	WD-81035-S-17	Uncoupling Gear arrangement on guard ARM side	03	A1
9	WD-81035-S-19 Sheet-02	Arrangement of footsteps & details	02	A1
10	WD-01064-S-01	Arrangement for Reflector Indicator Board	NIL	A4
11	WD-04050-S-01	Marking diagram.	07	A1
12	WD-04050-S-02	Modification in ICF bogie for use on brake van.	04	A1
13	WD-04050-S-03	Hand Brake gear arrangement.	01	A1
14	WD-04050-S-04	Hand Brake gear Details	01	A1
15	WD-04050-S-05	Brake diagram.	NIL.	A1
16	WD-10004-S-02	Fitment of air brake equipment & Twin pipe layout.	01	A1
17	WD-10004-S-03	Details of Pipes for Fitment Twin pipes Air Brake Equipment.	01	A1
18	WD-10004-S-04	Details of Fitment of Twin pipe Air Brake Equipment	NIL.	A1
19	T-0-0-801(ICF Drg)	Bogie General Arrangement	-	-
20	SK-63720	PRO/PR STENCIL.	01	A3
21	SK-66511	Railways Initials in Hindi	01	A1
22	SK-73552	House coupling supports.	06	A3
23	SK-75524	Arrangement of super structure.	08	A1
24	SK-75527	Body details & fittings.	06	A1
25	SK-75528	Body & roof joints details.	02	A1
26	SK-75535	Fixing arrangement & details of LV. Board.	nil	A2
27	CSC-1015	Ventilator	03	A4
28	WD-81010-S-03	Centre Buffer Coupler for Bogie Wagon.	13	A1
29	WD-14031-S-01	Splice joint for Sole Bar Centre Sill	Nil	A1
30	WD-16056-S-01	Details of CRF Centre Sill and Associate joints	Nil	A1

LIST OF CONSTRUCTION DRAWINGS 'BVCM' Design-'A'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size.
1	WD-09107-S-01	INDEX (BVCM)	07	A1
2	WD-09107-S-02	Diagram	01	A1
3	WD-09107-S-03	General Arrangement	01	A1
4	WD-09107-S-04	Under Frame Arrangement (Modified)	NIL	A1
5	WD-09107-S-05	Under Frame Details (Modified)	NIL	A1
6	WD-09107-S-06	Arrangement of super structure	NIL	A1
7	WD-09107-S-07	Joints Body with under frame.	NIL	A1
8	WD-09107-S-08	Brake Diagram	05	A1
9	WD-09107-S-09	Under frame brake gear arrangement	NIL	A1
10	WD-09107-S-10	Under frame brake gear Details	03	A1
11	WD-09107-S-11	Marking Diagram.	01	A1
12	WD-09107-S-12	Fitment of air brake Equipment and pipe layout.	01	A1
13	WD-09107-S-13	Details of pipes for fitment of air brake Equipment	02	A1
14	WD-09107-S-14	Details for fitment of air brake Equipment	01	A1
15	WD-14008-S-01	CASNUB 22HS (Modified)	03	A1
16	WD-14027-S-01	Centre Pivot and Side Bearer Arrangement	02	A1

LIST OF CONSTRUCTION DRAWINGS ‘BVCM’ Design-B

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size.
1	WD-09107-S-01	INDEX (BVCM)	07	A1
2	WD-15009-S-02	Diagram	05	A1
3	WD-15009-S-03	General Arrangement	06	A1
4	WD-15009-S-04	Under Frame Arrangement	03	A1
5	WD-15009-S-05	Under Frame Details (Sheet-I)	05	A1
6	WD-15009-S-06	Under Frame Details (Sheet-2)	04	A1
7	WD-15009-S-07	Under Frame Details (Sheet-3)	05	A1
8	WD-15009-S-08	Arrangement of Super Structure	02	A1
9	WD-15009-S-09	Uncoupling Gear arrangement	02	A1
10	WD-15009-S-10	Arrangement of foot steps & details	02	A1
11	WD-09107-S-08	Brake Diagram	05	A1
12	WD-15009-S-11	Under frame brake gear arrangement	03	A1
13	WD-09107-S-10	Under frame brake gear Details	03	A1
14	WD-15009-S-12	Marking Diagram.	06	A1
15	WD-15009-S-13	Body details & fittings.	04	A1
16	WD-15009-S-14	Fitment of air brake Equipment and pipe layout.	09	A1
17	WD-15009-S-15	Details of pipes for fitment of air brake Equipment	08	A1
18	WD-15009-S-16	Details for fitment of air brake Equipment	03	A1
19	WD-14027-S-01	Centre Pivot and Side Bearer Arrangement	02	A1
20	SK-75528	Body & roof joints details.	02	A1
21	SK-63720	PRO/PR STENCIL.	01	A3
22	SK-66511	Railways Initials in Hindi	01	A1
23	SK-73552	House coupling supports.	06	A3
24	SK-75535	Fixing arrangement & details of LV. Board.	NIL	A2
25	WD-81010-S-03	Arrgt. of High Tensile Centre Buffer Coupler	13	A1
26	CSC-1015	Ventilator	03	A4
27	WD-17016-S-01	Mounting Arrangement of Bio-Digester	NIL	A1
28	WD-17016-S-02	Arrangement of fitment of Water Tank	NIL	A1
29	WD-17013-S-01	INDEX (BOGIE)	NIL	A1

LIST OF CONSTRUCTION DRAWINGS 'BVCM' Design-C

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size.
1	WD-09107-S-01	INDEX (BVCM)	07	A1
2	WD-15009-S-02	Diagram	05	A1
3	WD-17039-S-03	General Arrangement	08	A1
4	WD-17039-S-04	Under Frame Arrangement	05	A1
5	WD-15009-S-05	Under Frame Details (Sheet-I)	05	A1
6	WD-17039-S-05	Under Frame Details (Sheet-2)	02	A1
7	WD-15009-S-07	Under Frame Details (Sheet-3)	05	A1
8	WD-17039-S-06	Arrangement of Super Structure	07	A1
9	WD-15009-S-09	Uncoupling Gear arrangement	02	A1
10	WD-15009-S-10	Arrangement of foot steps & details	02	A1
11	WD-09107-S-08	Brake Diagram	05	A1
12	WD-15009-S-11	Under frame brake gear arrangement	03	A1
13	WD-09107-S-10	Under frame brake gear Details	03	A1
14	WD-15009-S-12	Marking Diagram.	06	A1
15	WD-15009-S-13	Body details & fittings.	04	A1
16	WD-15009-S-14	Fitment of air brake Equipment and pipe layout.	09	A1
17	WD-15009-S-15	Details of pipes for fitment of air brake Equipment	08	A1
18	WD-15009-S-16	Details for fitment of air brake Equipment	03	A1
19	WD-14027-S-01	Centre Pivot and Side Bearer Arrangement	02	A1
20	SK-75528	Body & roof joints details.	02	A1
21	SK-63720	PRO/PR STENCIL.	01	A3
22	SK-66511	Railways Initials in Hindi	01	A1
23	SK-73552	Air Brake Hose coupling support ventilator	06	A3
24	WD-81010-S-03	Arrgt. of High Tensile Centre Buffer Coupler.	13	A1
25	CSC-1015	Ventilator	03	A4
26	WD-24025-S-01 (Sheet. 1 of 2)	Guard's seat for goods brake van	01	A1
27	WD-24025-S-01 (Sheet. 2 of 2)	Guard's seat for goods brake van	NIL	A1
28	WD-24077-S-01 (Sheet. 1 of 2)	Universal Lock	NIL	A1
29	WD-24077-S-01 (Sheet. 2 of 2)	Universal Lock	NIL	A1
30	WD-17013-S-01	INDEX (BOGIE)	NIL	A1
31	WD-24050-S-07 (Sh. I)	Fitment of Solar System with Light & Fan	01	A1
32	WD-24050-S-07 (Sh. II)	Fitment of Solar System with Light & Fan	01	A1

BOGIE WELL WAGON- BG

S. No.	Type of Wagon	Page No.
1	BWT/A	202
2	BWT/A (with Air Brake)	203
3	BWZ	204
4	BWTB	205
5	24-AXLE SPL. Wagon	206-207
6	28AXLE SPL. Wagon	208
7	BWBL	209

LIST OF WELL WAGON TYPE BWT/A

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	SK-69560	Index	Nil	A0
2	SK-69562	General Arrangement (sheet-I)	05	A0
3	SK-69562	General Arrangement (sheet-II)	03	A0
4	SK-69563	Arrangement of Hand Brake	04	A0
5	SK-69564	Arrangement of Draft Gear	01	A0
6	SK-69565	Arrangement of Vacuum pipe & release mechanism	06	A0
7	SK-69566	Arrangement of Vacuum pipe & release mechanism	04	A0
8	SK-69567	Floor plate details	04	A0
9	SK-69568	Details of main girders	05	A1
10	SK-69569	Details of longitudes diagonals & floor support members.	03	A0
11	SK-69570	Details of bolster headstock etc.	02	A1
12	SK-69571	Details of cross girders & Crossbars	01	A0
13	SK-69572	Details of loading Flaps	03	A0
14	SK-69573	Details of Lashing chain BOX	01	A1
15	SK-69574	Details of lashing chain	02	A0
16	SK-69575	Details of bolster spring stop casing & spring stop bracket	01	A0
17	SK-69576	Details of U' frame brake parts	03	A0
18	SK-69577	Details of U' frame brake parts	Nil	A0
19	SK-69578	Details of U' frame brake parts	Nil	A0
20	SK-69579	Details of Vacuum fittings	03	A0
21	SK-69580	Details of Fire- bucket frame, track- guide, suspension hook, Scotch Box	01	A1
22	SK-69581	Marking diagram	-	-
23	SK-69582	Arrangement of diamond frame bogie with Roller Bearings (22 ½ tons)	Nil	A0
24	SK-69583	Details of diamond frame bogie (22 ½ tons)	Nil	A0
25	SK-69584	Details of bolster & brake parts for diamond frame bogie	01	A0
26	SK-69585	Details of lashing chain coupler	01	A2
27	SK-69561	Diagram	-	-
-				

LIST OF WELL WAGON TYPE BWT/A (With Air Brake)

1	WD-00008-S-01	Index	Nil	A1
2	WD-00008-S-02	Diagram	Nil	A1
3	WD-00008-S-03	General Arrangement (With Air Brake)	Nil	A1
4	WD-00008-S-04	U/Frame Brake Gear Arrgt.	Nil	A1
5	WD-00008-S-05	U/Frame Brake Gear Details & BKT. for Air Brake Equipment	03	A1
6	WD-00008-S-06	Fitment of Air Brake Equipments & Pipe Layout	03	A1
7	WD-00008-S-07	Details of Pipes for Fitment of Graduated Release Air Brake Equipment	03	A1
8	WD-00008-S-08	Brake Diagram	Nil	A1
9	WD-00008-S-10	Flange Welded Joint (20 NB to 20 NB PIPE)	Nil	A2
10	WD-00008-S-11	Marking diagram.	Nil	A1

LIST OF CONSTRUCTION DRAWINGS 'BWZ'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	SK-74541	Index for BWZ	01	A1
2	SK-74542	Diagram	02	A1
3	SK-74543	General Arrangement	03	A1
4	SK-74544	Main Girder Assembly	02	A1
5	SK-74545	Main Girder Details sheet -I	02	A1
6	SK-74546	Main Girder details Sheet-II	02	A1
7	SK-74547	Intermediate girder assembly	01	A1
8	SK-74548	Intermediate girder details sheet-I	01	A1
9	SK-74549	Intermediate girder details sheet-II	01	A1
10	SK-74550	Main center pivot & side bearer arrangement	01	A1
11	SK-74551	Main centre pivot details	01	A1
12	SK-74552	Bogie centre pivot & side bearer arrangement	01	A1
13	SK-74553	Brake gear arrangement	01	A1
14	SK-74554	Brake gear details sheet-I	Nil	A1
15	SK-74555	Brake gear details sheet -II	01	A1
16	SK-74556	Brake diagram	Nil	A1
17	SK-74557	Vacuum piping arrangement	03	A1
18	SK-74558	Vacuum piping Details	01	A1
19	SK-74559	Cabin arrangement	Nil	A1
20	SK-74560	Cabin details sheet-I	Nil	A1
21	SK-74561	Cabin details sheet-II	Nil	A1
22	SK-74562	Foot step & hand rail arrangement	01	A1
23	SK-74563	Marking diagram	01	A1
24	SK-74564	Bogie general arrangement	03	A1
25	SK-74565	Bogie frame assembly	03	A1
26	SK-74566	Bogie frame details sheet-I	03	A1
27	SK-74567	Bogie frame details sheet-II	02	A1
28	SK-74568	Bogie suspension arrangement	03	A1
29	SK-74569	Suspension Details	02	A1
30	SK-74570	Laminated bearing spring	-	-
31	SK-74571	Bogie brake arrangement	01	A1
32	SK-74572	Bogie brake details	01	A1
33	SK-74573	Brake beam	02	A1
34	SK-74574	Loading platform	01	A1
35	2000/8A/M	Arrangement of draft gear	07	A1
36	2000/56A	Axle BOX arrangement	02	A1
37	2000/67/M	Details of cost steel centre pivots	Nil	A1

LIST OF CONSTRUCTION DRAWINGS 'BWTB'

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-00009-S-50	Index for BWTB	02	A1
2	WD-00009-S-51	Diagram	02	A1
3	WD-00009-S-52	General Arrangement	02	A1
4	WD-00009-S-53	Under frame arrangement.	01	A1
5	WD-00009-S-54	Under frame details Sheet-I	01	A1
6	WD-00009-S-55	Under frame details Sheet-II	NIL	A1
7	WD-00009-S-56	Under frame details Sheet-III	03	A1
8	WD-00009-S-57	Under frame details Sheet-IV	01	A1
9	WD-00009-S-58	Under frame details Sheet-V	02	A1
10	WD-00009-S-59	Details of loading flaps	01	A1
11	WD-00009-S-60	Details of lashing chain box.	NIL	A1
12	WD-00009-S-61	Details of floor plate	NIL	A1
13	WD-00009-S-62	Center pivot & side bearer arrangement.	04	A1
14	WD-00009-S-63	Brake Diagram	02	A1
15	WD-00009-S-64	Under frame Brake gear arrangement.	Nil	A1
16	WD-00009-S-65 sheet-I of II	Under frame brake gear details	02	A1
17	WD-00009-S-65 sheet-II of II	Under frame brake gear details	03	A1
18	WD-00009-S-66	Fitment of air brake equipment & pipe layout.	07	A1
19	WD-00009-s-67	Details of pipes for fitment of brake equipment.	06	A1
20	WD-00009-S-68 Sh-01	Details of air brake equipment	07	A1
21	WD-00009-S-68 Sh- 02	Details of air brake equipment	07	A1
22	WD-00009-S-70	Arrangement of CBC &Uncoupling gear (Transition)	02	A1
23	WD-00009-S-71	Marking diagram	01	A1
24	WD-00009-S-72	Load test chart.	01	A1
25	WD-00009-S-73	Fire bracket frame ,track guide suspension hook& both block.	03	A1
26	WD-82054-S-14	Details of Secondary Lashing Chain	07	A1

LIST OF CONSTRUCTION DRAWINGS
“24-AXLE SPL. Wagon”

S.N.	Drawing No.	Description	Alt.
1	WD5-7811-S/51	Index (for wagon with imported KWU-C Beam)	01
2	WD5-7811-S/52	Diagram	05
3	WD5-7811-S/54	Bolster Arrangement	01
4	WD5-7811-S/55	General Arrangement	Nil
5	WD5-7811-S/56	Cabin Arrangement	Nil
6	WD5-7811-S/57	Vacuum and Hydraulic Piping Arrangement	Nil
7	WD5-7811-S/58	Roller Block Arrangement	Nil
8	WD5-7811-S/59	Marking Diagram	Nil
9	WCS-7502-S/53	Arrangement & Details of Inter-mediate Bridge Outer	02
10	WCS-7502-S/54	Arrangement of Intermediate Bridge Inner	01
11	WCS-7502-S/55	Details of Intermediate Bridge Sheet –I	02
12	WCS-7502-S/56	Details of Intermediate Bridge Sheet –II	01
13	WCS-7502-S/57	Intermediate Centre Pivot & Side Bearer Arrangement	01
14	WCS-7502-S/58	Details of Pivot for Intermediate Bridge.	01
15	WCS-7502-S/59	Main Bridge Arrangement	Nil
16	WCS-7502-S/60	Main Bridge Details sheet –I (Side Girder)	01
17	WCS-7502-S/61	Main Bridge Details sheet –II (Centre Bolster)	Nil
18	WCS-7502-S/62	Main Bridge Details sheet –III (End Bolster	Nil
19	WCS-7502-S/63	Main Centre Pivot & Side Bearer Arrangement	Nil
20	WCS-7502-S/64	Main Pivot Details	Nil
21	WCS-7502-S/68	Hand Brake Diagram	Nil
22	WCS-7502-S/69	Hand Brake Arrangement	Nil
23	WCS-7502-S/70	Details of Hand Brake (Sheet –I)	Nil
24	WCS-7502-S/71	Details of Hand Brake (Sheet –II)	Nil
25	WCS-7502-S/72	Vcuum Piping Arrangement & Details Sheet –I (Partly to be sued, except for the portions between main Centre pivots)	Nil
26	WCS-7502-S/73	Vacuum piping Arrangement & Details Sheet II(partly to be used, except for the portion between Main Centre Pivots	Nil
27	WCS-7502-S/74	Arrangement of Draft Gear	Nil
28	WD5-7802-S/4	Index	Nil
29	WD5-7802-S/3	General Arrangement	Nil
30	WD5-7216-S/23	Centre Pivot & Side Bearer Arrangement	01
31	WD5-7216-S/24	Frame Assembly	02
32	WD5-7216-S/25	Frame Details Sheet -I	02
33	WD5-7216-S/26	Frame Details Sheet –II	01
34	WD5-7802-S/1	Modified Suspension Arrangement	01
35	WD5-7802-S/2	Modified Suspension Details	02
36	WD5-7216-S/29	Laminated Bearing Spring	02
37	WD5-7216-S/30	Wheel & Axle	02
38	WD5-7216-S/31	Brake Arrangement	01
39	WD5-7216-S/32	Brake Details	02
40	WD5-7216-S/33	Brake Beam	02
41	WD5-7216-S/34	Marking Diagram	01
42	4000/22	Axle Box, 130 Dia. 20.3 tonne Roller Bearing (Cylindrical)	06

43	4000/23	Details of axle box (Cylindrical)	05
44	4000/24	Details of axle box (Cylindrical)	07
45	2200/67/M	Details of cast steel Centre Pivots	Nil
*46	WD5-7216-S/27	Suspension Arrangement	01
*47	WD5-7216-S/28	Suspension Details	04

* Drgs. referred for old bogies still in use.

LIST OF CONSTRUCTION DRAWINS
“ 28-AXLE Special Wagon for BHEL/ (Haridwar”
 (With ‘KWU-C’ Loading Beam)

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-09022-S-00	Index (28- Axle Spl. Wagon Hardwar)	02	A1
2	WD-09022-S-01	DIAGRAM	04	A1
3	WD-09022-S-02	Loaded Diagram	04	A1
4	WD-09022-S-03	General Arrangement	02	A1
5	WD-09022-S-04	Main Bridge Arrangement & Details.	01	A1
6	WD-09022-S-05	Intermediate Bridge Arrangement & Details.	NIL	A1
7	WD-09022-S-06	Lateral shifting Bolster, Centre pivot & Side Barer Arrangement and Details.	NIL	A1
8	WD-09022-S-07	Intermediate Centre pivot & Side Barer Arrangement	NIL	A1
9	WD-09022-S-08	Bogie Centre pivot & Side Barer Arrangement & Details.	NIL	A1
10	WD-09022-S-09	Cabin Arrangement.	NIL	A1
11	WD-09022-S-10	Cabin Details.	NIL	A1
12	WD-09022-S-11	Main Centre pivot Details.	NIL	A1
13	WD-09022-S-12	Intermediate Centre pivot Details.	NIL	A1
14	WD-09022-S-13	Bogie Centre pivot & Side Barer Details.	NIL	A1
15	WD-09022-S-14	Platform and ladder Arrangement and Details.	NIL	A1
16	WD-09022-S-15	Air Brake pipe & Hydraulic piping Arrangement & Details.	NIL	A1
17	WD-09022-S-16	Marking Diagram.	NIL	A1
18	WD-86066-S-16	General Arrangement 3-AXLE Bogie (with Buffer).	02	A1
19	WD-86066-S-17	Frame Arrangement and Details (3-Axle bogie with Buffers)	02	A1
20	WD-86066-S-18	General Arrangement (3-AXLE Bogie)	NIL.	A1
21	WD-86066-S-19	Bogie Frame Arrangement and Details (3-Axle bogie)	01	A1
22	WD-86066-S-20	General Arrangement (4-AXLE Bogie)	NIL.	A1
23	WD-86066-S-21	Frame Arrangement and Details	01.	A1
24	WD-86066-S-22	Bogie Details	NIL.	A1
25	WD-86066-S-23	Hand Brake Arrangement.	01	A1
26	WD-86066-S-24	Hand Brake Details	01	A1
27	WD-86066-S-31	Arrangement of High Tensile Centre Buffer coupler (Transition)	01	A1
28	WD-12001-S-01	Test Scheme sheet-I (20.3t. 3-Axle Bogie)	NIL.	A1
29	WD-12001-S-02	Test Scheme sheet-II (20.3t. 4-Axle Bogie)	NIL.	A1
30	WD5-7811-S-58	Roller Block Arrangement (with KWU-C Loading Beam)	NIL.	A1
31	WD-09036-S-01	Uncoupling Gear Arrangement.	NIL.	A1
32	WD-10065-01	Inspection test procedure of complete Wagon (with ‘KWU-C’ type loading Beam)	NIL.	A0
33	WD-10065-02	Test procedure for Main Bridge	NIL.	A1
34	WD-10065-03	Test procedure for Intermediate Bridge	NIL.	A1
35	WD-10065-04	Test procedure for Main and Intermediate Pivot Castings	NIL.	A1
36	WD-10065-05	Inspection and test procedure for Bolster	NIL.	A1

LIST OF CONSTRUCTION DRAWINGS`BWBL`

S. No.	Drawing No.	Description	Last Alt. No.	Drg. Size
1	WD-15028-S-01	INDEX	01	A1
2	WD-15028-S-02	DIAGRAM	01	A1
3	WD-15028-S-03	General Arrangement	Nil	A1
4	WD-15028-S-04	Underframe Arrangement	Nil	A1
5	WD-15028-S-05	Underframe Details (Sheet-I)	Nil	A1
6	WD-15028-S-06	Underframe Details (Sheet-II)	Nil	A1
7	WD-15028-S-07	Underframe Details (Sheet-III)	Nil	A1
8	WD-15028-S-08	Floor Plate Detail	01	A1
9	WD-15028-S-09	Centre pivot & Side Barer Arrangement	Nil	A1
10	WD-15028-S-10	Brake Diagram	Nil	A1
11	WD-15028-S-11	Hand Brake Gear Arrangement.	Nil	A1
12	WD-15028-S-12	Hand Brake Gear Details	Nil	A1
13	WD-15028-S-13	Fitment of air brake equipment & pipe layout.	01	A1
14	WD-15028-S-14	Details of pipes for fitment of brake equipment.	02	A1
15	WD-15028-S-15	Details of air brake equipment	Nil	A1
16	WD-15028-S-16	Lashing Chain Arrangement & Details	02	A1
17	WD-15028-S-17	Arrangement of CBC &Uncoupling gear (transition)	Nil	A1
18	WD-15028-S-18	Marking Diagram.	02	A1
19	WD-15028-S-19	Load test chart.	Nil	A1
20	WD-24039-S-01	Fixed End Arrgt.. with tool box, ladder & fixed frame for ramp.	Nil	A1

CASNUB BOGIE

S. No.	Bogie	Page No.
1	CASNUB-22W-BOGIE	211
2	CASNUB-22W(M) BOGIE	212
3	CASNUB-22-NLB-BOGIE	213
4	CASNUB 22 HS BOGIE	214
5	IRF-105--BOGIE	215
6	IRF-106-HS-BOGIE	216
7	IRF-107-HS-BOGIE	217
8	IRF-108-HS-BOGIE	218
9	CASNUB-22HS (MOD.-1 BOGIE	219
10	BMBS IRF-108-HS-BOGIE	220
11	CASNUB 25 HS BOGIE	221
12	CASNUB-22 NLC-BOGIE	222
13	CASNUB-22HS (MOD-II)BOGIE.	223
14	CASNUB-16HS-BOGIE	224
15	Bogie 25t. LW LH. (with `E` Class CTRB)-13012	225
16	Bogie 25t. LW LH. (with `K` Class CTRB) -15021	226
17	Modified Bogie 22HS BVCM	227
18	Casnub-22 RFT Bogie	228

CASNUB-22W-BOGIE

S.No.	Drawing No.	Description	Alt. No.	Drg. Size
1	SK-74513	Index of CASNUB-22-W-Bogie (With Spherical Pivot)	05	A1
2	SK-74512	General Arrangement	06	A1
3	SK-69592	Cast Steel Side frame	09	A1
4	SK-77578	Cast Steel Bolster (Spherical Pivot)	06	A1
5	SK-69594	Bogie Details	38	A1
6	SK-69595	Bogie Brake Gear Arrangement	13	A1
7	SK-69596	Bogie Beam	10	A1
8	SK-69597	Bogie Brake Gear Details	43	A1
9	SK-69599	Leading dimension and tolerances	03	A1
10	SK-69600	Assembly Processor	02	A1
11	SK-77579	Wedge	07	A2
12	SK-69601	Wheel and Axle	09	A1
13	STR. AB/RB-06-77	Axle Box	-	-
14	STR. AB/RB-13-80	Modified Cartridge Roller Bearing Assembly	-	-
15	SK-78527	Wide Jaw Adapter	09	A1
16	Sk-68512	Wheel & Axle	01	A3

CASNUB-22W(M) BOGIE

S.No.	Drawing No.	Description	Alt. No.	Drg. Size
1	WD-85054-S-01	Index of CASNUB-22-W-(M)Bogie	06	A1
2	WD-85054-S-02	General Arrangement	06	A1
3	WD-85054-S-03	Cast Steel Side frame	06	A1
4	SK-69594	Bogie Details	38	A1
5	WD-85054-S-04	Bogie Brake Gear Arrangement	14	A1
6	WD-85084-S-01	Cast steel brake beam	05	A1
7	SK-69597	Bogie Brake Gear details	43	A1
8	WD-83069-S-01	Spring details (22.3t axle load)	17	A2
9	WD-84050-S-01	General requirement for helical springs	01	A3
10	SK-77579	Wedge	07	A2
11	WD-85054-S-06	Leading dimensions and tolerances	07	A1
12	WD-85054-S-07	Assembly procedure	05	A1
13	WD-85079-S-03	Cast steel bolster (for modified separate type pivot)	07	A1
14	WD-89025-S-01	Wheel and Axle Assembly	06	A2
15	AB/RB-35-90(Rev.1)	Standard AAR Class “ E” Cartridge R.B. Assembly.	-	-
16	SK-78527	Wide jaw Adapter	09	A1
17	WD-89067-S-10	Metal bonded rubber pad for secondary suspension bogie with cartridge roller bearing.	07	A2
18	WD-88012-S-01	Brake Block Assembly and details	08	A1
19	WD-85084-S-03	Brake head and details (Fabricated)	06	A2
20	WD-85079-S-02	Centre pivot assembly details	28	A1
21	WD-85076-S-01	Metal bonded rubber pad for side barrel	10	A3
22	WD-85079-S-01	Centre pivot and side barrel arrangement	16	A1
23	WD-86034-S-01	Brake head (Cast steel)	04	A2
24	WD-86038-S-01	Marking Scheme for cast steel side frames and bolster	06	A4
25	WD-05006-S-01	Brake Beam safety bracket	Nil	A3
26	WD-87078-S-01	Details of Brake Beam Support	03	A2

CASNUB-22 NLB BOGIE

S.No.	Drawing No.	Description	Alt. No.	Drg. Size
1	WD-90096-S-01	Index of 22 NLB Bogie	04	A1
2	WD-89073-S-02	General Arrangement	11	A1
3	WD-89067-S-03	Cast Steel Side Frame	19	A1
4	SK-69594	Bogie Details	38	A1
5	WD-89067-S-05	Bogie Brake Gear Arrangement	17	A1
6	WD-89033-S-01	Brake Beam	25	A1
7	SK.-69597	Bogie Brake Gear Details	43	A1
8	WD-83069-S-01	Spring details (20.3 Tonne Axle Load)	17	A2
9	SK-77579	Wedge	07	A2
10	WD-90042-S-01	Leading dimensions and tolerances	04	A1
11	WD-85054-S-07	Assembly procedure	05	A1
12	WD-89067-S-04	Cast steel bolster (for modified separate type pivot)	13	A1
13	WD-89025-S-01	Wheel and Axle Assembly	06	A2
14	Str no AB/RB-35-90	Standard AAR Class 'E' cartridge RB assembly	-	-
15	WD-89067-S-09	Narrow jaw adapter	11	A1
16	WD-95005-S-01	Modified Electrometric Pad	08	A3
17	WD-85079-S-02	Centre Pivot Assembly details	28	A1
18	WD-85076-S-01	Metal Bonded Rubber Pad for Cartridge Bearing	10	A3
19	WD-85079-S-01	Centre pivot and side bearer arrangement	16	A1
20	WD-89006-S-01	BG.MG and NG Coil Spring drawing Code	08	A2
21	WD-86038-S-01	Marking Scheme for cast steel side frames and bolster	06	A4

CASNUB-22 HS BOGIE

S.No	Drawing No.	Description	Alt. No.	Drg. Size
1	WD-92058-S-01	Index of 22 HS Bogie	04	A1
2	WD-97049-S-03	Center pivot assembly details.(FLAT TYPE)	11	A1
3	WD-92058-S-04	Bogie Details	12	A1
4	WD-89067-S-05	Bogie Brake Gear Arrangement	17	A1
5	WD-89033-S-01	Brake Beam	25	A1
6	SK.-69597	Bogie Brake Gear details	43	A1
7	WD-92058-S-05	Spring details	14	A2
8	SK.-77579	Wedge	07	A2
9	WD-92058-S-07	Leading dimensions and tolerances	05	A1
10	WD-85054-S-07	Assembly procedure	05	A1
11	WD-92058-S-03	Cast Steel Bolster	08	A1
12	STR AB/RB-39-02	Standard AAR Class (Rev.-2)	-	-
13	WD-95005-S-01	Modified Electrometric pad	08	A3
14	WD-89067-S-09	Narrow Jaw Adapter	11	A1
15	WD-04038-S-02	Bogie general arrangement with Constant Contact side bearer	05	A1
16	WD-04038-S-03	Center pivot & side bearer arrangement. (spherical CP & CCSB)	06	A1
17	WD-85079-S-02	Center Pivot Assembly Details	28	A1
18	WD-04078-S-01	Bogie General arrangement with flat Pivot & Constant Contact side bearer.	04	A1
19	WD-04078-S-02	Center pivot and side bearer arrangement (flat CP & CCSB)	06	A1
20	WD-89006-S-01	B.G. MG and NG coil spring drawing code	08	A2
21	WD-86038-S-01	Marking Scheme for cast steel side frames and bolster	06	A4
22	WD-89067-S-03	Cast Steel Side Frame	19	A1
23	WD-89025-S-01	Wheel and Axle Assembly	06	A2
24	As per annex. IIIB Of Str No. WD-17- CASNUB -22HS BOGIE 92 REV 3.0	Constant. Contact Side Bearer	-	-

IRF-105-BOGIE

S.No.	Drawing No.	Description	Alt. No.	Drg. Size
1	WD-97019-S-01	Index of IRF-105 Bogie	Nil	A1
2	WD-97019-S-02	Bogie General Arrangement	NIL	A1
3	WD-89067-S-03	Cast Steel side frame	19	A1
4	WD-97019-S-03	Cast Steel Bolster	NIL	A1
5	WD-97019-S-04	Bogie Details	02	A1
6	SK-77579	Wedge	07	A2
7	WD-97019-S-05	Spring details	01	A1
8	WD-96034-S-67	Centre pivot and side bearer arrangement	NIL	A1
9	WD-89067-S-05	Bogie Brake Gear Arrangement	17	A1
10	SK-69597	Bogie Brake Gear Details	43	A1
11	WD-89025-S-01	Wheel and Axle Assembly	06	A2
12	WD-97019-S-07	Leading dimensions and tolerances	NIL	A1
13	WD-97019-S-08	Metal bonded rubber pad for cartridge bearing	03	A3
14	WD-86038-S-01	Marking Scheme for cast steel side frames and bolster	06	A4
15	WD-89033-S-01	Brake Beam Details	25	A1
16	WD-85054-S-07	Assembly procedure	05	A1
17	WD-89067-S-09	Narrow jaw adapter	11	A1
18	WD-95005-S-01	Modified Elastomeric Pad	08	A3
19	WD-89006-S-01	B.G. MG and NG Coil Spring drawing Code	08	A2
20	STR AB/RB-39-97	Standard AAR Class E Cartridge RB Assembly	-	-
21	WD-85079-S-02	Centre pivot assembly details	28	A1

IRF-106-HS-BOGIE

S.No.	Drawing No.	Description	Alt. No.	Drg. Size
1	WD-97030-S-01	Index of IRF-106 HS Bogie –97	Nil	A1
2	WD-97030-S-02	Bogie General Arrangement	Nil	A1
3	WD-97030-S-03	Cast Steel side frame	01	A1
4	WD-97030-S-04	Cast Steel Bolster	02	A1
5	WD-97030-S-05	Bogie Details	03	A1
6	SK-77579	Wedge	07	A2
7	WD-97030-S-07	Centre pivot and side bearer arrangement	02	A1
8	WD-97030-S-08	Spring details	01	A1
9	WD-97030-S-09	Bogie Brake Gear Arrangement	02	A1
10	WD-97030-S-10	Bogie Brake Gear Details	Nil	A1
11	CONTR.-9404-S-12	Wheel and Axle Assembly	03	A2
12	CONTR.-9404-S-13	Wheel	05	A2
13	WD-97030-S-13	Leading dimensions and tolerances	Nil	A1
14	WD-97019-S-08	Metal bonded rubber pad for cartridge bearing	03	A3
15	WD-86038-S-01	Marking Scheme for cast steel side frames and bolster	06	A4
16	WD-97030-S-16	Brake Beam	01	A1
17	WD-85054-S-07	Assembly procedure	05	A1
18	SK.-78527	Wide jaw adapter	09	A1
19	WD-95005-S-01	Modified Elastomeric Pad	08	A3
20	WD-89006-S-01	B.G. MG and NG Coil Spring drawing Code	08	A2
21	STR AB/RB-39-97	Standard AAR Class E Cartridge RB Assembly	-	-

IRF-107-HS-BOGIE

S.No.	Drawing No.	Description	Alt. No.	Drg. Size
1	WD-97049-S-01	Index of IRF-107 HS Bogie –BRHS	NIL	A1
2	WD-97049-S-02	Bogie General Arrangement	NIL	A1
3	WD-89067-S-03	Cast Steel side frame	19	A1
4	WD-89067-S-04	Cast Steel Bolster	13	A1
5	SK-69594	Bogie Details	38	A1
6	SK-77579	Wedge	07	A2
7	WD-83069-S-01	Spring details	17	A2
8	WD-85076-S-01	Metal bonded rubber pad for cartridge bearing	10	A3
9	WD-89067-S-05	Bogie Brake Gear Arrangement	17	A1
10	Sk-69597	Bogie Brake Gear Details	43	A1
11	WD-89025-S-01	Wheel and Axle Assembly	06	A2
12	WD-90042-S-01	Leading dimensions and tolerances	04	A1
13	WD-86038-S-01	Marking Scheme for cast steel side frames and bolster	06	A4
14	WD-89033-S-01	Brake Beam Details	25	A1
15	WD-85054-S-07	Assembly procedure	05	A1
16	WD-89067-S-09	Narrow jaw adapter	11	A1
17	WD-95005-S-01	Modified Elastomeric Pad	08	A3
18	WD-89006-S-01	B.G. MG and NG Coil Spring drawing Code	08	A2
19	STR AB/RB-39-97	Standard AAR Class E Cartridge RB Assembly	-	-
20	WD-94068-S-01	Bulb Cotter	04	A3
21	WD-97049-S-04	CP & SB ARRANGEMENT DETAIL	NIL	A1
22	WD-97049-S-03	CP ASSEMBLY	11	A1

IRF-108-HS-BOGIE

S.No.	Drawing No.	Description	Alt. No.	Drg. Size
1	WD-98014-S-01	Index of IRF-108 HS Bogie –BRHS	03	A1
2	WD-98014-S-02	Bogie General Arrangement	02	A1
3	WD-89067-S-03	Cast Steel side frame	19	A1
4	WD-97019-S-03	Cast Steel Bolster	Nil	A1
5	WD-97019-S-04	Bogie Details	02	A1
6	SK-77579	Wedge	07	A1
7	WD-98014-S-03	Spring details	11	A1
8	WD-98014-S-04	Centre pivot and side bearer arrangement & details	05	A1
9	WD-85079-S-02	Centre pivot assembly details (spherical pivot)	28	A1
10	Sk-69597	Bogie Brake Gear Details	43	A1
11	WD-05056-S-01	Bogie Brake Gear Arrgt.	-	-
12	WD-97019-S-07	Leading dimensions and tolerances	NIL	A1
13	WD-86038-S-01	Marking Scheme for cast steel side frames and bolster	06	A4
14	WD-05054-S-01	Cast steel Brake Beam With L Type Brake Block	01	A1
15	WD-85054-S-07	Assembly procedure	05	A1
16	WD-89067-S-09	Narrow jaw adapter	11	A1
17	WD-95005-S-01	Modified Elastomeric Pad	08	A3
18	WD-89006-S-01	B.G. MG and NG Coil Spring drawing Code	08	A2
19	WD-89025-S-01	Wheel & Axle Assembly	06	A2
20	WD-94068-S-01	Bulb Cotter	04	A3
21	WD-97049-S-03	Centre pivot assembly details (flat pivot)	11	A1
22	As Per Annex IIIB of STR NO. WD 28 IRF 108 HS rev 01	CCSB	-	-
23	STR AB/RB-39-2002 (rev 02)	Standard AAR Class E Cartridge RB complete Assembly	-	-

BOGIE-INDEX OF DRAWINGS
CASNUB 22- HS (MOD.-I) bogie

S.No.	Drawing No.	Description	Alt. No.	Drg. Size
1.	WD-04017-S-01	Index of 22 HS/MOD-1 Bogie	02	A1
2.	WD-04017-S-02	Bogie General Arrangement	03	A1
3	WD-89067-S-03	Cast Steel Side Frame	19	A1
4.	WD-04017-S-03	Cast Steel Bolster	02	A1
5.	WD-92058-S-04	Bogie Details	12	A1
6.	WD-04017-S-06	Wedge	Nil	A2
7.	WD-04017-S-04	Spring Details	06	A2
8.	WD-04017-S-08	Centre Pivot & Side Bearer Arrangement	06	A1
9.	WD-97049-S-03	Centre Pivot Assembly and Details	11	A1
10.	WD-89067-S-05	Bogie Brake Gear Arrgt.	17	A1
11.	SK-69597	Bogie Brake Gear Details	43	A1
12.	WD-89025-S-01	Wheel & Axle Assembly	06	A2
13.	WD-04017-S-07	Leading dimensions and tolerances	01	A1
14.	WD-86038-S-01	Marking Scheme of Side frame and Bolster	06	A4
15.	WD-89033-S-01	Brake Beam Details	25	A1
16.	WD-85054-S-07	Assembly Procedure	05	A1
17.	WD-89067-S-09	Narrow Jaw Adapter	11	A1
18.	WD-95005-S-01	Modified Electrometric Pad	08	A3
19.	WD-89006-S-01	B.G,M.G & N.G. Coil Spring Drawing Code	08	A2
20	WD-94068-S-01	Bulb cotter	04	A3
21	As Per Annex IIIB of STR NO. WD 34 casnub 22_HS (mod.-I) bogie 2004	CCSB assembly & detail	-	-
22	STR AB/RB-39-2002 (rev 02)	Standard AAR Class E Cartridge RB complete Assembly	-	-

INDEX OF DRAWINGSBogie Mounted Brake For IRF-108 (BMBS)

S.No.	Drawing No.	Description	Alt. No.	Drg. Size
1	WD-98062-S-01	Index	01	A1
2.	WD-98062-S-02	Bogie Bogie Mounted Brake System K-Type Brake Block	02	A1
3	WD-98062-S-03	Brake Gear Details (Sheet-1 of 2)	01	A1
4	WD-98062-S-03	Brake Gear Details (Sheet-2 of 2)	Nil	A1
5	WD-98062-S-05	Hand Brake Gear Arrgt	01	A1
6	WD-98062-S-06	Hand Brake Gear Details	01	A1
7	WD-98062-S-07	Spring plank modification for BMBS	02	A3
8	WD-98062-S-08	Details of Brake Beam safety bracket	Nil	A3
9	WD-98062-S-11	Hanger Arrgt. & Details for Bogie Horizontal Lever	01	A1
10	WD-98062-S-12	Brake Diagram (Sheet-2) (BOXN & BOXNHS)	Nil	A1
11	WD-98062-S-13	Cost Steel Bolster (Sheet-1) for modified separate type pivot to suit BMBS in casnub 22NLB bogie	Nil	A1
12	WD-98062-S-13	Cost Steel Bolster (Sheet-2) for modified separate type pivot to suit BMBS	Nil	A1
13.	WD-98062-S-13	Cost Steel Bolster (Sheet-3)) for modified separate type pivot to suit BMBS	Nil	A1
14	WD-98062-S-14	Cast Steel Bolster for Modified Sprat Type Pivot) for modified separate type pivot to suit BMBS in casnub 22HS bogie	Nil	A1
15	WD-98062-S-15	Brake Beam (Suitable for K-Type Brake Block)	Nil	A1
16	WD-00006-S-01	'K' type brake block	03	A3
17	WD-87017-S-01	Safety Strap For Push Rod	05	A2
18	W-BG-6150	Brake Block key	02	A3
19	WD-99023-S-01	Fitment of graduated release air brake equipment & layout (sh -1)	02	A1
20	WD-99023-S-01	Fitment of graduated release air brake equipment & layout (sh -2)	02	A1
21	WD-99023-S-02	Detail of pipe for fitment of graduated release air brake equipment	01	A1
22	WD-99023-S-03	Detail of graduated release air brake equipment	01	A1
23	WD-99023-S-04	Detail of graduated release air brake equipment & layout detail	Nil	A1
24	WD-99023-S-06	Fitment of load sensing device	Nil	A1

CASNUB 25 HS Bogie
With constant contact side bearer

Drawing No.	Description	Alt No.	Drg. Size
WD-06008-S-01	Index	02	A1
WD-06008-S-02	Bogie GA	01	A1
WD-06008-S-03	Cast Steel Side frame	01	A1
WD-06008-S-18 (sheet1 & 2)	Bogie bolster details (for flat pivot and huck bolt assembly)	Nil Nil	A1 A2
WD-06008-S-05	Bogie details	01	A1
WD-06008-S-06	Wedge	01	A2
WD-06008-S-07	Spring details	02	A1
WD-06008-S-08	Centre pivot & Side Bearer Arrangement	02	A1
WD-06008-S-10	Leading dimensions and tolerances	Nil	A1
WD-06008-S-12	Assembly procedure	Nil	A1
WD-06008-S-15	Bogie brake gear details	Nil	A1
WD-06008-S-16	Cast steel brake beam details (For 'K' type composition brake block)	01	A1
WD-06008-S-17	Bogie Brake gear arrangement.	Nil	A1
WD-06008-S-19	Centre pivot assembly & details (for huck bolt assembly)	01	A1
WD-06085-S-01	Narrow jaw 'K' class adapter	Nil	A1
WD-89006-S-01	BG, MG & NG coil spring drawing codes	07	A2
WD-94068-S-01	Bulb cotter	04	A3
WD-06008-S-20 Sheet I	Assembly criteria of components	Nil	A1
WD-06008-S-20 Sheet -II	-----do-----	Nil	A1
WD-06008-S-21	'H' frame assembly and details with bolster ,wedge & snubber spring	Nil	A1
WD-86038-S-01	Marking Scheme for side frames and bolster	06	A4
WD-07012-S-01	Wheel & Axle Assembly	01	A2
Spec. WD-48-MISC-2006	CCSB assembly & detail	-	-
Spec. WD-47-MISC-2007	Elastomeric pad	-	-
STR AB/RB-01-2006	CLASS 'K' Cartridge roller bearing complete assembly	-	-

CASNUB-22 NLC BOGIE

S.No	Drawing No.	Description	Alt. No.	Drg. Size
1	WD-06059-S-01	Index of 22NLC Bogie	Nil.	A1
2	WD-06059-S-02	General Arrangement.	02	A1
3	WD-89067-S-03	Cast Steel Side Frame.	19	A1
4	WD-06059-S-03	Bogie Details.	Nil.	A1
5	WD-06059-S-04	Bogie Brake Gear Arrangement.	02	A1
6	SK.-69597	Bogie Brake Gear Details.	43	A1
7	WD-83089-S-01	Spring Details (25t.Axle Load)	16	A2
8	WD-89033-S-01	Break beam	25	A1
9	SK-77579	WEDGE.	07	A2
10	WD-90042-S-01	Leading Dimension and Tolerances.	04	A1
11	WD-85054-S-07	Assembly Procedure.	05	A1
12	WD-06059-S-05	Cast Steel Bolster (for Modified Separate type pivot).	Nil.	A1
13	WD-89025-S-01	Wheel and Axle	06	A2
14	STR. No. AB/RB-35-90.	Std. A.A.R CLASS 'E' Cartridge R.B. Assembly.	-	-
15	SK-69594(item6)	Bogie Details /side frame key	38	A1
16	WD-89067-S-09	NARROW JAW ADAPTER.	11	A1
17	SK-69594(item9)	Key Bolt, Nut Spring Washer & Split Pin	38	A1
18	WD-95005-S-01	Modified Elastomeric Pad.	08	A3
19	WD-85079-S-02	Center Pivot Assembly Details	28	A1
20	WD-85076-S-01	Metal Bonded Rubber pads for Side Bearer.	10	A3
21	WD-85079-S-01	Center pivot and side bearer arrangement	16	A1
22.	WD-89006-S-01	B.G. MG and NG coil spring drawing code	08	A2
23	WD-86038-S-01	Marking Scheme for cast steel side frames and bolster	06	A4

CASNUB-INDEX OF DRAWINGS
22 HS (MOD-II) bogie

1.	WD-08026-S-01	INDEX	Nil	A1
2.	WD-08026-S-02	General Arrangement.	01	A1
3.	WD-89067-S-03	Cast Steel Side Frame.	19	A1
4.	WD-04017-S-03	Cast Steel Bolster	02	A1
5.	WD-92058-S-04	Bogie Details	12	A1
6.	WD-04017-S-06	Wedge	Nil	A2
7.	WD-08026-S-03	Spring Details	05	A2
8.	WD-04017-S-08	Centre Pivot & Side Bearer Arrangement	06	A1
9.	WD-97049-S-03	Centre Pivot Assembly and Details	11	A1
10.	WD-89067-S-05	Bogie Brake Gear Arrgt.	17	A1
11.	SK-69597	Bogie Brake Gear Details	43	A1
12.	WD-89025-S-01	Wheel & Axle Assembly	06	A2
13.	WD-04017-S-07	Leading dimensions and tolerances	01	A1
14.	WD-86038-S-01	Marking Scheme of Side frame and Bolster	06	A4
15.	WD-89033-S-01	Brake Beam Details	25	A1
16.	WD-85054-S-07	Assembly Procedure	05	A1
17.	WD-89067-S-09	Narrow Jaw Adapter	11	A1
18.	WD-89006-S-01	B.G,M.G & N.G. Coil Spring Drawing Code	07	A2
19.	WD-94068-S-01	Bulb Cotter	04	A3
20.	WD-95005-S-01	Modified Electrometric Pad	08	A3
21	As Per Annex IIIB of STR NO. WD 34 CASNUB 22_HS (mod.-I) bogie 2004	CCSB	-	-
22	STR.No. AB/RB-39- 2002 (Rev 02)	Std. A.A.R CLASS 'E' Cartridge R.B. Assembly	-	-

CASNUB-16- HS- BOGIE

1.	WD-08003-S-01	INDEX (AUTO CAR)	01	A1
2.	WD-08003-S-02	General Arrangement.	01	A1
3.	WD-08003-S-03	Leading dimensions and tolerances	01	A1
4.	WD-08003-S-04	Centre Pivot & Side Bearer Assembly and Details	01	A1
5.	WD-08003-S-05	Bogie Assembly Procedure	NIL	A1
6.	WD-08003-S-06	H' Frame Assembly & Details with Bolster, Wedge & Snubber Spring.	NIL	A1
7.	WD-08003-S-07	Assembly Criteria of Components(Sheet-I)	NIL	A1
8.	WD-08003-S-07	Assembly Criteria of Component (sheet-II)	NIL	A1
9.	WD-08003-S-08	Cast Steel Side Frame	NIL	A1
10.	WD-08003-S-09	Cast Steel Bolster Sheet-I	01	A1
11.	WD-08003-S-09	Cast Steel Bolster Sheet-II	NIL	A2
12.	WD-08003-S-10	Wedge (with NON Metallic Liner).	NIL	A2
13.	WD-08003-S-11	Spring Details	NIL	A2
14.	WD-08003-S-12	Bogie Details	01	A1
15.	WD-08003-S-13	Space Envelop for Bogie Mounted Brake system with Double Acting SLACK ADJUSTER	NIL	A1
16.	WD-08003-S-14	Wedge (without NON Metallic Liner)	NIL	A2
17.	WD-08003-S-15	Brake Beam Pocket Liner	NIL	A3
18.	WD-08003-S-16	Bogie Test Chart	NIL	A1
19.	WD-08003-S-17	Bogie Adaptation	01	A1
20.	WD-08003-S-18	C.P. Height Adjustment Packing	NIL	A3
21.	WD-08018-S-01	Wheel & Axle	NIL	A2
22.	WD-08018-S-04	Wide Jaw Adapter (37.5mm THICK)	NIL	A1
23.	WD-06023-S-01	ELASTOMERIC PAD	NIL	A3
24.	WD-89006-S-01	B.G. M.G. & N.G. COIL Drawing Codes	08	A2
25.	WD-08025-S-01	'K' TYPE Composition Brake Block (for 760mm wheel Dia.)	NIL	A3
26.	WD-86038-S-01	Marking Scheme for Cast Steel side frame Bolster	06	A4

Light Weight Low Height 25t Axle Load Bogie with `E` Class Bearing

S.No	Drawing No.	Description	Alt. No.	Drg. Size
1	WD-13012-S-01	Index (25t. LW LH) with `E` Class Bearing	02	A1
2	WD-13012-S-02	Bogie General Arrangement with `E` Class Bearing	02	A1
3	WD-13012-S-03	Cast Steel Side Frame (with `E` Pedestal Jaw)	Nil	A1
4	WD-13012-S-04	Bogie Details	08	A1
5	WD-13012-S-05 Sheet-1 OF 2	Cast Steel Bolster (with Integrated 14" Center Pivot Bottom)	02	A1
6	WD-13012-S-05 Sheet-2 OF 2	Cast Steel Bolster (with Integrated 14" Center Pivot Bottom)	04	A1
7	WD-13012-S-06	Cast Steel Bolster Wedge (for Nested Springs)	Nil	A1
8	WD-98014-S-03	Outer & Inner Spring Details	11	A1
9	WD-13012-S-07	Nested Snubber Spring Details	02	A3
10	CONTR-9404-S-09	Bogie Brake Gear Arrangement	10	A1
11	CONTR-9404-S-10	Bogie Brake Gear Details	14	A1
12	CONTR-9404-S-12	Wheel and Axle Assembly (with `E` Class Journal)	03	A2
13	CONTR-9404-S-13	Wheel	05	A2
14	WD-13012-S-08	Leading Dimensions and Tolerances.	01	A1
15	WD-12008-S-01	Spring Loaded Side Bearer Assembly & Details	03	A1
16	WD-13012-S-10	Marking Scheme for Cast Steel Side Frame & Bolster	Nil	A3
17	WD-89006-S-01	BG. MG. & NG. Springs Drawing Drawing Codes	08	A2
18	WD-95005-S-01	Elastomeric Pad	08	A3
19	WD-13012-S-11	Bogie Assembly Procedure	01	A1
20	WD-15013-S-01	Centre Pivot Top Assembly & Details	04	A1
21	SK-78527	`E` Class wide jaw Adapter (48.5mm. Thick)	09	A1
22	WD-16006-S-01	Brake Beam.	04	A1
23	WD-15023-S-01	`K` Type Composition Brake Block	Nil	A3
24	STR.No. AB/RB-39-2002 (Rev 02)	Std. A.A.R CLASS `E` Cartridge R.B. Assembly	-	-

Light Weight Low Height 25t Axle Load Bogie (with `K` Class CTRB)

S.No	Drawing No.	Description	Alt. No.	Drg. Size
1	WD-15021-S-01	Index (25t. LW LH) (with `K` Class CTRB)	06	A1
2	WD-15021-S-02	Bogie General Arrangement with `K` Class Bearing	05	A1
3	WD-15021-S-03	Cast Steel Side Frame (with `K` Class Narrow Pedestal Jaw)	05	A1
4	WD-13012-S-04	Bogie Details	08	A1
5	WD-13012-S-05 Sheet-1 OF 2	Cast Steel Bolster (with Integrated 14" Center Pivot Bottom)	02	A1
6	WD-13012-S-05 Sheet-2 OF 2	Cast Steel Bolster (with Integrated 14" Center Pivot Bottom)	04	A1
7	WD-13012-S-06	Cast Steel Wedge (for Nested Springs)	Nil	A1
8	WD-98014-S-03	Outer & Inner Spring Details	11	A1
9	WD-13012-S-07	Nested Snubber Spring Details	02	A3
10	CONTR-9404-S-09	Bogie Brake Gear Arrangement	10	A1
11	CONTR-9404-S-10	Bogie Brake Gear Details	14	A1
12	WD-15023-S-01	K-Type Composition Brake Block	Nil	A3
13	WD-15020-S-01	Wheel and Axle Assembly (with `K` Class Journal)	Nil	A2
14	WD-15021-S-04	Leading Dimensions and Tolerances.	02	A1
15	WD-62-MISC-17	Spec. for constant contact Side Bearer for broad gauge bogie wagon	03	A1
16	WD-13012-S-10	Marking Scheme for Cast Steel Side Frame & Bolster	Nil	A3
17	WD-89006-S-01	BG. MG. & NG. Springs Drawing Drawing Codes	08	A2
18	WD-16006-S-01	Brake Beam.(Suitable for' K "type brake block)	04	A1
19	WD-95005-S-01	Elastomeric Pad	08	A3
20	WD-13012-S-11	Bogie Assembly Procedure	01	A1
21	WD-15013-S-01	Centre Pivot Top Assembly & Details	04	A1
22	WD-15020-S-03	Narrow Jaw `K` Class Adapter	07	A1

Modified Bogie 22HS For BVCM

S.No	Drawing No.	Description	Alt. No.	Drg. Size
1.	WD-17013-S-01	INDEX	Nil	A1
2.	WD-17013-S-02	General Arrangement.	Nil	A1
3.	WD-89067-S-03	Cast Steel Side Frame.	19	A1
4.	WD-17013-S-03	Bogie Details	Nil	A1
5.	WD-89067-S-05	Bogie Brake Gear Arrangement	17	A1
6.	WD-89033-S-01	Brake Beam	25	A1
7.	SK-69597	Bogie Brake Gear Details	43	A1
8.	WD-92058-S-05	Spring Details	14	A2
9.	SK-77579	Wedge	07	A2
10.	WD-92058-S-07	Leading Dimensions and Tolerances	05	A1
11.	WD-85054-S-07	Assembly Procedure	05	A1
12.	WD-17013-S-04	Cast Steel Bolster	Nil	A1
13.	WD-89025-S-01	Wheel Axle Assembly	06	A2
14.	WD-89067-S-09	Narrow Jaw Adapter	11	A1
15.	WD-95005-S-01	Modified Electrometric Pad	08	A3
16.	WD-85079-S-02	Centre Pivot Assembly & Details	28	A1
17.	WD-12008-S-01	Spring Loaded Side Bearer	02	A1
18.	WD-14027-S-01	Centre Pivot & Side Bearer Arrangement	02	A1
19.	WD-89006-S-01	B.G.,M.G. & N.G. Coil Spring Drawing Code	08	A2
20.	WD-86038-S-01	Marking Scheme of Side Frame & Bolster	06	A4
21	STR. No. AB/RB-39-2002 (Rev 02)	Std. A.A.R CLASS 'E' Cartridge R.B. Assembly	-	-

NEW CASNUB-22 RFT Bogie

S.No	Drawing No.	Description	Alt. No.	Drg. Size
1	WD-22091-S-01	Index RFT	Nil	A1
2	WD-22091-S-02	General Arrangement	Nil	A1
3	WD-89067-S-03	Cast Steel Side Frame	19	A1
4	WD-22091-S-03	Spring plank	01	A1
5.	WD-89067-S-05	Bogie Brake Gear Arrangement	17	A1
6.	WD-89033-S-01	Brake Beam	25	A1
7.	SK.-69597	Bogie Brake Gear details	43	A1
8.	WD-22055-S-01	Outer Spring	02	A3
9.	WD-22055-S-02	Inner Spring	01	A3
10.	WD-22055-S-03	Snubber outer spring	01	A3
11	WD-22055-S-04	Snubber Inner spring	01	A3
12.	WD-22055-S-05	Wedge	02	A3
13	WD-92058-S-07	Leading dimensions and tolerances	05	A1
14	WD-85054-S-07	Assembly procedure	05	A1
15	WD-22091-S-04	Cast steel bolster	01	A1
16	WD-89025-S-01	Wheel and Axle Assembly	06	A2
17	STRNO- AB/RB-39-2002 (Rev-02)	STD AAR class -E Cartridge R.B assembly		
18	WD-92058-S-04 (Item-03)	Side Frame Key	12	A1
19	WD-89067-S-09	Narrow Jaw Adapter	11	A1
20	WD-92058-S-04 (Item-05)	Key Bolt Nut Spring Washer & Split Pin	12	A1
21	WD-95005-S-01	Modified Electrometric pad	08	A3
22	WD-97049-S-03	Centre Pivot Assembly And Details (Flat Type)	11	A1
23	WD-62-Misc -17 (latest)	Constant contact side bearer		
24	WD-86038-S-01	Marking Scheme for cast steel side frames and bolster	06	A4

CONTAINER & SPECIAL TYPE -WAGON

S. No.	Type of Wagon	Page No.
1	Bogie Container Flat Wagon Type “BLCS” (A-CAR)	230
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Bogie Container Flat Wagon Type “BLCS” (A-CAR)

S.No	Drawing No.	Description	Alt. No.	Drg. Size
1.	WD-15011-S-01	INDEX	04	A1
2.	WD-15011-S-02	Diagram	05	A1
3.	WD-15011-S-03	General Arrangement.	02	A1
4.	WD-15011-S-04	Underframe General Arrangement.	04	A1
5.	WD-15011-S-05	Underframe Bolster & Side Bearer Arrangement.	03	A1
6.	WD-15011-S-06	Underframe Details (sheet-1)	03	A1
7.	WD-15011-S-07	Underframe Details (sheet-2)	04	A1
8.	WD-15011-S-08	Underframe Bolster & Side Bearer Details	03	A1
9.	WD-15011-S-09	Welding details of Underframe	02	A1
10.	WD-15011-S-10	Air Brake Diagram & Underframe Brake Gear pins & Bushes	04	A1
11.	WD-15011-S-11	Underframe Brake Gear Arrangement.	03	A1
12.	WD-15011-S-12	Underframe Brake Gear Details	06	A1
13.	WD-15011-S-13	Side Operated Hand Brake Arrangement & Details	04	A1
14.	WD-15011-S-14	Fitment Of Graduated Release Air Brake Equipment & Pipe Layout	06	A1
15.	WD-15011-S-15	Details Of Pipe For Fitment Of Graduated Release Air Brake Equipment	04	A1
16.	WD-15011-S-16	Details For Fitment Of Air Brake Equipment	04	A1
17.	WD-15011-S-17	Fitment Of load sensing device	02	A1
18.	WD-15011-S-18	Uncoupling Gear Arrangement For Non Transition CBC	04	A1
19.	WD-15011-S-19	Details Of Pipe For Fitment Of Load Sensing Device	03	A1
20.	WD-15011-S-20	Marking Diagram	05	A1
21.	WD-15011-S-21	APD For Distributor Valve	02	A1
22.	WD-15011-S-22	Fitment of automatic twist lock	02	A1
23.	WD-15011-S-23	Underframe Details (sheet-3)	05	A1
24.	WD-17052-S-01	Static Load Test (A & B Car)	01	A1
25.	WD-20021-S-01	Centre Pivot & Side Bearer Arrangement (A & B Car)	Nil	A1

Bogie Container Flat Wagon Type “BLCS” (B-CAR)

S.N	Drawing No.	Description	Alt. No.	Drg. Size
1.	WD-15012-S-01	INDEX	03	A1
2.	WD-15012-S-02	Diagram	06	A1
3.	WD-15012-S-03	General Arrangement.	02	A1
4.	WD-15012-S-04	Underframe General Arrangement.	04	A1
5.	WD-15012-S-05	Underframe Details	03	A1
6.	WD-15012-S-06	Air Brake Diagram & Underframe Brake Gear Pins & Bushes	04	A1
7.	WD-15012-S-07	Underframe Brake Gear Arrangement.	03	A1
8.	WD-15012-S-08	Side Operated Hand Brake Arrangement & Details	04	A1
9.	WD-15012-S-09	Fitment Of Graduated Release Air Brake Equipment & Pipe Layout	06	A1
10.	WD-15012-S-10	Details Of Pipe For Fitment Of Graduated Release Air Brake Equipment	04	A1
11.	WD-15012-S-11	Details Of Pipe For Fitment of Load Sensing Device	04	A1
12.	WD-15012-S-12	Marking Diagram	05	A1
13.	WD-18071-S-01	Location Of Strain Gauges For Squeeze Load Test (CAR-B)	Nil	A1
14.	WD-15011-S-05	Underframe Bolster & Side Bearer Arrangement	03	A1
15.	WD-15011-S-07	Underframe Details (sheet-II)	04	A1
16.	WD-15011-S-08	Underframe Bolster Details	03	A1
17.	WD-15011-S-09	Welding details of Underframe	02	A1
18.	WD-15011-S-12	Underframe Brake Gear Details	06	A1
19.	WD-15011-S-16	Details for Fitment of Air Brake Equipment	04	A1
20.	WD-15011-S-17	Fitment Of Load Sensing Device	02	A1
21.	WD-15011-S-18	Uncoupling Gear arrangement for Non Transition CBC	04	A1
22.	WD-15011-S-21	APD for Distributor Valve	02	A1
23.	WD-15011-S-22	Fitment of automatic Twist Lock	02	A1
24.	WD-15011-S-23	Underframe Details(sheet-III)	05	A1
25.	WD-17052-S-01	Static Load Test (A & B Car)	01	A1

Cast Steel Bogie (LCCF)

S. No.	Drawing No.	Description	Alt. No.	Drg. Size
1.	CONTR.-9404-S-01	Index	06	A1
2.	CONTR.-9404-S-02	Bogie General Arrangement.	08	A1
3.	CONTR.-9404-S-03	Cast Steel Side Frame	07	A1
4.	Contr.-9404-S-04	Bogie Details	13	A1
5.	CONTR.-9404-S-05	Cast Steel Bolster	10	A1
6.	CONTR.-9404-S-06	Wedge	03	A1
7.	CONTR.-9404-S-07	Spring Details	08	A1
8.	CONTR.-9404-S-08	Centre Pivot & Side Bearer Assembly & Details	14	A1
9.	CONTR.-9404-S-09	Bogie Brake Gear Arrangement	12	A1
10.	CONTR.-9404-S-10	Bogie Brake Gear Details	14	A1
11.	CONTR.-9404-S-11	Composition Brake Block	07	A1
12.	CONTR.-9404-S-12	Wheel & Axle Assembly	03	A1
13.	CONTR.-9404-S-13	Wheel	05	A1
14.	CONTR.-9404-S-14	Leading Dimensions & Tolerances	06	A1
15.	CONTR.-9404-S-15	Spring Loaded Side Bearer Assembly & details	13	A1
16.	CONTR.-9404-S-16	Marking scheme for Cast Steel Side Frames & Bolster	03	A1
17.	CONTR.-9404-S-17	Brake Beam	10	A1
18.	WD-95005-S-01	Elastomeric Pad	08	A3

Bogie Container Flat (A-Car)

S. No.	Drawing No.	Description	Alt. No.	Drg. Size
1.	CONTR.-9405-S-01	INDEX	06	A1
2.	CONTR.-9405-S-02	Diagram with Two 20' or One 40' Long ISO Containers	06	A1
3.	CONTR.-9405-S-03	General Arrangement	10	A1
4.	CONTR.-9405-S-04	Underframe General Arrangement.	10	A1
5.	CONTR.-9405-S-05	Underframe Bolster & Side Bearer Arrangement	07	A1
6.	CONTR.-9405-S-06	Underframe Details	12	A1
7.	CONTR.-9405-S-06/A	Underframe Details	17	A1
8.	CONTR.-9405-S-07	Underframe Bolster & Side Bearer Details	12	A1
9.	CONTR.-9405-S-08	Welding Details of Underframe	07	A1
10.	CONTR.-9405-S-09	Air Brake Diagram & Underframe Brake Gear Pins & Bushes.	08	A1
11.	CONTR.-9405-S-10	Underframe Brake Gear Arrangement	08	A1
12.	CONTR.-9405-S-11	Underframe Brake Gear Details	09	A1
13.	CONTR.-9405-S-12	Side Operated Hand Brake Arrangement & Details	10	A1
14.	CONTR.-9405-S-13	Fitment Of Graduated Release Air Brake Equipment & Pipe Layout	19	A1
15.	CONTR.-9405-S-14	Graduated Release Air Brake Equipment & Pipe Layout details sheet-I	14	A1
16.	CONTR.-9405-S-15	Graduated Release Air Brake Equipment & Pipe Layout details sheet-II	10	A1
17.	CONTR.-9405-S-16	Fitment of Load Sensing Device	08	A1
18.	CONTR.-9405-S-17	Uncoupling Gear arrangement for Non Transition CBC	06	A1
19.	CONTR.-9405-S-18	Pipe Details Of Load Sensing Device	11	A1
20.	CONTR.-9405-S-19	Marking Diagram	13	A1
21.	CONTR.-9405-S-20	APD for Distributor Valve	02	A1
22.	CONTR.-9405-S-21	Fitment of automatic Twist Lock (type 'Holland')	07	A1
23.	CONTR.-9405-S-22	Fitment of automatic Twist Lock (Type 'Celtec')	01	A1
24.	RITES/TP-9405-S-001	Drawbar Arrangement (drg RITES)		
25.	RITES/TP-9405-S-001	Striker Casting(drg RITES)		

Bogie Container Flat (B-Car)

S. No.	Drawing No.	Description	Alt. No.	Drg. Size
1.	CONTR.-9406-S-01	INDEX	06	A1
2.	CONTR.-9406-S-02	Diagram with Two 20' or One 40' Long ISO Containers	06	A1
3.	CONTR.-9406-S-03	General Arrangement	10	A1
4.	CONTR.-9406-S-04	Underframe General Arrangement.	10	A1
5.	CONTR.-9406-S-05	Underframe Details	10	A1
6.	CONTR.-9406-S-06	Air Brake Diagram & Underframe Brake Gear Pins & Bushes	08	A1
7.	CONTR.-9406-S-07	Underframe Brake Gear Arrangement	08	A1
8.	CONTR.-9406-S-08	Side Operated Hand Brake Arrangement & Details	11	A1
9.	CONTR.-9406-S-09	Fitment Of Graduated Release Air Brake Equipment & Pipe Layout	17	A1
10.	CONTR.-9406-S-10	Graduated Release Air Brake Equipment & Pipe Layout & details	12	A1
11.	CONTR.-9406-S-11	Pipe Details Of Load Sensing Device	11	A1
12.	CONTR.-9406-S-12	Marking Diagram	14	A1
13.	CONTR.-9405-S-05	Underframe Bolster & Side Bearer Arrangement	07	A1
14.	CONTR.-9405-S-06/A	Underframe Details	17	A1
15.	CONTR.-9405-S-07	Underframe Bolster Details	12	A1
16.	CONTR.-9405-S-08	Welding Details	07	A1
17.	CONTR.-9405-S-12	Underframe Brake Gear Details	09	A1
18.	CONTR.-9405-S-15	Graduated Release Air Brake Equipment & Pipe Layout sheet-II	10	A1
19.	CONTR.-9405-S-16	Fitment of Load Sensing Device	08	A1
20.	CONTR.-9405-S-20	APD for Distributor Valve	02	A1
21.	CONTR.-9405-S-21	Fitment of automatic Twist Lock (type 'HOLLAND')	07	A1
22.	CONTR.-9405-S-22	Fitment of automatic Twist Lock (Type 'CELTEC')	01	A1
23.	UTES/TP-9405-S-001	Drawbar Arrangement (UTES control)		
24.	UTES/TP-9405-S-001	Striker Casting (UTES control)		

CONTAINER WAGON -BLSS – Spine Car –A (M/s Braithwaite)

S. No.	Drawing No.	Description	Alt . No.	Drg. Size
1.	WD-22061-S-01	Index BLSS Car -A	Nil	A1
2.	BWT/spine car-001	Diagram car -A		
3.	BWT/spine car-001	Loading Diagram with details of infringement from IR SOD (A-Car)		
4.	WD-22061-S-02	Diagram drg –A Car	01	A1
5.	WD-22061-S-02A	Diagram drg single Stack 12’ high and 20 “long non ISO container	Nil	A1
6.	WD-22061-S-02B	Diagram drg non ISO Gati Shakti cube container in single stack	Nil	A1
7.	WD-22061-S-02C	Diagram drg with double stacking of 20’/40’ long 1930 h non ISO Dwarf container	Nil	A1
8.	WD-22061-S-03	Loading diagram (ISO container single /double stack with details infrigment from IR-SOD	Nil	A1
9.	WD-22061-S-04	General arrangement -A car	Nil	A1
10.	WD-22061-S-05	Underframe arrangement -sheet 01 of 02 BLSS	Nil	A1
11.	WD-22061-S-06	Underframe arrangement -sheet 02 of 02	Nil	A1
12.	WD-22061-S-07	Underframe Details (sole bar) (sheet 01 of 10)	01	A1
13.	WD-22061-S-08	Underframe Details (sole bar jacking pad) (sheet 02 of 10)	01	A1
14.	WD-22061-S-09	Underframe Details (center girder) (sheet 03 of 10)	01	A1
15.	WD-22061-S-10	Underframe Details (bolster assembly) (sheet 04 of 10)	Nil	A1
16.	WD-22061-S-11	Underframe Details - bolster (sheet 05 of 10)	01	A1
17.	WD-22061-S-12	Underframe Details- center filler , end arrange (sheet 06 of 10)	Nil	A1
18.	WD-22061-S-13	Underframe Details -raise end (sheet 07 of 10)	01	A1
19.	WD-22061-S-14	Underframe Details - raise end (sheet 08 of 10)	Nil	A1
20.	WD-22061-S-15	Underframe Details- centre sill – raised end) (sheet 09 of 10)	Nil	A1
21.	WD-22061-S-16	Underframe Details- draft pocket)-(sheet 10 of 10)	Nil	A1
22.	WD-22061-S-17	Air brake diagram and under frame, break gear pins and bushes	02	A1
23.	WD-22061-S-18	Under frame brake gear arrangement –A -car	01	A1
24.	WD-22061-S-19	Fitment of graduated release air brake equipment -Acar	02	A1
25.	WD-22061-S-20	Details of graduated release air brake equipment	02	A1
26.	WD-22061-S-21	Fitment of pipe details	01	A1
27.	WD-22061-S-22	Uncoupling gear arrangement (A car ,B Car)	02	A1
28.	WD-22061-S-23	Center pivot and side bearer arrangement (A car , b car	01	A1
29.	WD-22061-S-24	Fitment of ATI and APD (Car –A)	Nil	A1
30.	WD-22061-S-25	Marking Diagram	02	A1
31.	WD-22061-S-26	static load test Car A & B)	01	A1
32.	WD-15011-S-17	Fitment of load sensing design	02	A1
33.	WD-81010-S-03	Arrangement of high tensile CBC	13	A1

CONTAINER WAGON -BLSS – SPINE CAR –B (M/S BRAITHWAITE)

S. No.	Drawing No.	Description	Alt. No.	Drg. Size
1.	WD-22062-S-01	Index drgs BLSS- car B	Nil	A1
2.	BWT/spine car-001	Diagram car -A		
3.	BWT/spine car-001	Loading Diagram with details of infringement from IR SOD (B-Car)		
4.	WD-22062-S-02	Diagram drawing	01	A1
5.	WD-22062-S-02A	Diagram drg (B car) -single Stack 12' high and 20 "long non ISO container	Nil	A1
6.	WD-22062-S-02B	Diagram drg -(B car) - non ISO Gati Shakti cube container in single stack	Nil	A1
7.	WD-22062-S-02C	Diagram drg (B car) with double stacking of 20'/40' long 1930 high non ISO Dwarf container	Nil	A1
8.	WD-22062-S-03,	Loading diagram containers single /double stack with details of infringement from IR-SOD (B car)	Nil	A1
9.	WD-22062-S-04	General arrangement –B Car	Nil	A1
10.	WD-22062-S-05	Under frame arrangement (B-car) (sheet 01 of 02)	Nil	A1
11.	WD-22062-S-06	Under frame arrangement (B-car) (sheet 02 of 02)	01	A1
12.	WD-22062-S-07	Under frame details (sole bar head stock) (sheet 01of 02)	01	A1
13.	WD-22062-S-08	Under frame details (center sill cross members jack pad (Sheet 02 of 08)	Nil	A1
14.	WD-22062-S-09	Under frame details bolster assembly (Sheet 03 of 08)	Nil	A1
15.	WD-22062-S-10	Underframe Details - bolster (sheet 04 of 08)	01	A1
16.	WD-22062-S-11	Underframe Details- center filler , (sheet 05 of 8)	Nil	A1
17.	WD-22062-S-12	Underframe Details –sole bar (sheet 06 of 8)	Nil	A1
18.	WD-22062-S-13	Underframe Details – (gooseneck cross member) (sheet 7 of 8)	Nil	A1
19.	WD-22062-S-14	Underframe Details- CTR Girder cross members) (sheet 08 of 8)	01	A1
20.	WD-22062-S-15	Air brake diagram and under frame, break gear pins and bushes	02	A1
21.	WD-22062-S-16	Under frame brake gear arrangement –B - car	01	A1
22.	WD-22062-S-17	Under frame brake gear Details (A Car & B Car)	01	A1
23.	WD-22062-S-18	Fitment of graduated release air brake equipment –B car	02	A1
24.	WD-22062-S-19	Details of graduated release air brake equipment - B car (sheet 01 of 02)	01	A1
25.	WD-22062-S-20	Details of graduated release air brake equipment – B car (Sheet 02 of 02)	02	A1
26.	WD-22062-S-21	Fitment of pipe details(sheet 01 of 02)	01	A1
27.	WD-22062-S-22	Fitment of pipe details bracket location sheet 02 of 02)	01	A1
28.	WD-22062-S-23	Fitment of ATI and APD (Car –B)	01	A1
29.	WD-22062-S-24	Marking Diagram	02	A1
30.	WD-22062-S-25	Location of stain gauges for squeeze load test (B car)	Nil	A1
31.	WD-22061-S-26	Static Load Test (A Car , B Car)	01	A1
32.	WD-15011-S-17	Fitment of load sensing design	02	A1
33.	WD-81010-S-03	Arrangement of high tensile CBC	13	A1