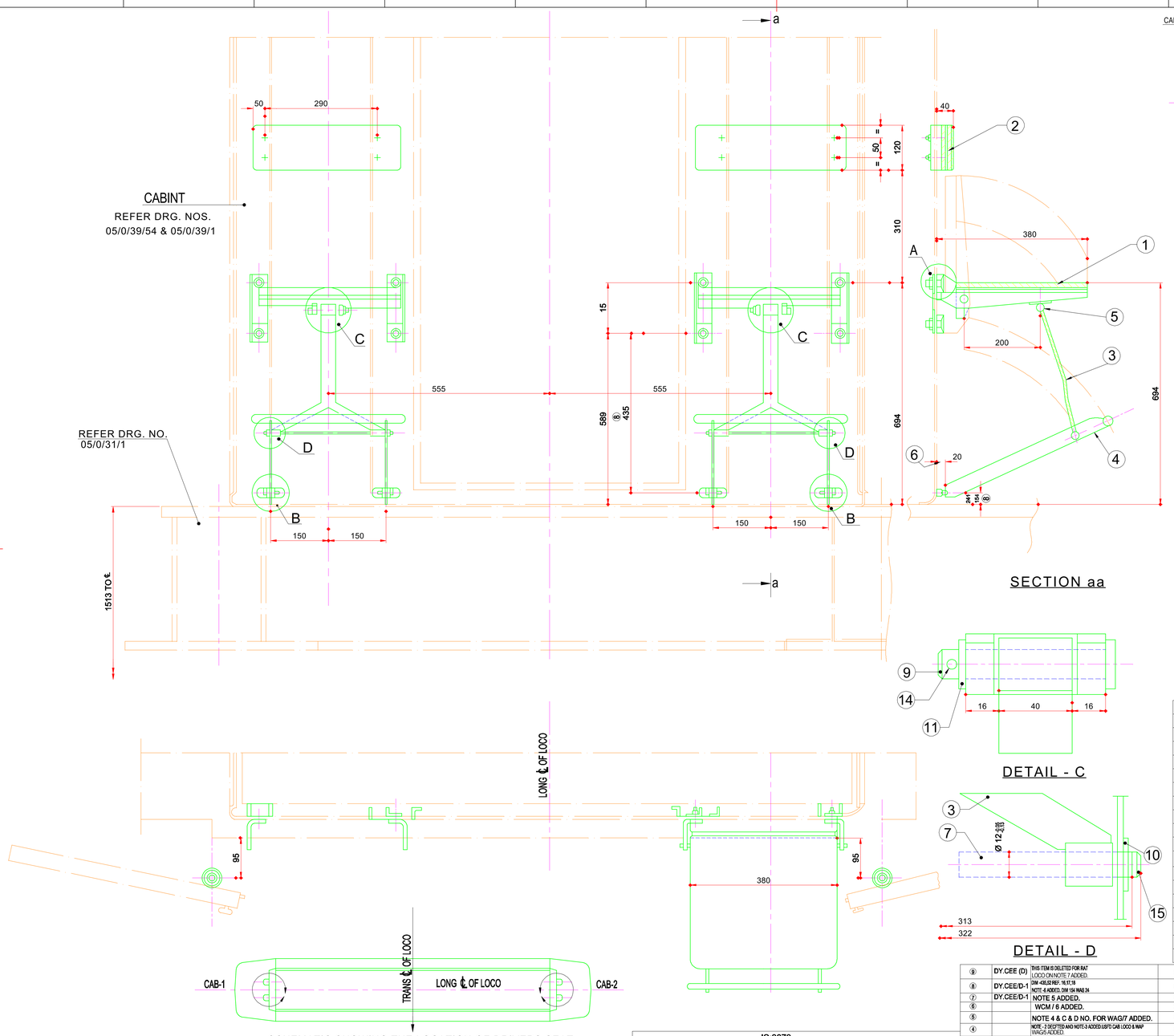

NOTE

1. FOLLOWED FROM IST TO 4TH WAP/P LOCO. FROM 5TH WAP/1 LOCO REFER A DRG. NO. 07/1/38/31,07/1/38/39 & 03/2/38/30
2. THIS DRG. IS SUPERSEDED BY DWG. NO. 05/1/38/86 FROM
3. THIS DRG. IS TO BE RESPECTIVELY AND ONWARDS FOR WAP/1
5. ALL STEEL COMPONENTS EXCEPT TO BE PAINTED BY GREEN COLOUR OF IS:5 OVER ONE COAT OF RED OXIDE PRIMER (SECNO. 446 OF IS:5) TO IS:2075 MANUFACTURER'S NAME MAY BE PUNCHET ON COMPONENT AT SUITABLE LOCATION.
6. ALT. ⑧ IS TO BE FOLLOWED WITH IMMEDIATE EFFECT. THIS DRG. IS NOT TO BE FOLLOWED FOR RAJ LOCO ONLY FROM THE YEAR 2003-2004 ONWARDS CHANGE IN DESIGN.

C & D NO. FOR RAJDHANI LOCO	ITEM	PART DRG. NO.	DESCRIPTION	NO/ LOCO	MATL	SPECN	WT. EAC. FIN SHED
R346/221	18	—					
R346/220	17	—					
R346/219	16	—					
R346/146	15	—					
R346/145	14	—					
R346/144	13	—					
R346/143	12	—	SPRING WASHER M14B				
R346/142	11	—					
R346/141	10	—					
R346/140	9	05/4/38/153	PIN				
R346/139	8	05/4/38/152	PIN				
R346/138	7	05/4/38/151	ROD Ø12				
R346/137	6	05/4/38/150					
R346/136	5	05/4/38/149					
R346/135	4	05/4/38/148					
R346/125	3	05/4/38/147					
R346/124	2	05/4/38/146					
R346/101	1	05/4/38/145					

ALT. NO.	AUTHY	DESCRIPTION	DATED INITIAL
⑨	DY.CEE (D)	THIS ITEM IS DELETED FOR RAT LOCO ON NOTE 7 ADDED.	Sd/-
⑧	DY.CEE/D-1	DIM 430,52 REF. 16,17,18 NOTE -6 ADDED. DIM 154 IN&8 24	Sd/-
⑦	DY.CEE/D-1	NOTE 5 ADDED.	Sd/-
⑥		WCM / 6 ADDED.	Sd/-
⑤		NOTE 4 & C & D NO. FOR WAG/7 ADDED.	Sd/-
④		NOTE - 2 DEETTED AND NOTE-3 ADDED USFD CAB LOCO & WAP (WAG6 ADDED)	Sd/-
③		NOTE 2 ADDED.	Sd/-
②		NOTE 1 ADDED.	Sd/-
①	SME (D)	WAM/4R ADDED.	Sd/-

IS:3073

SURFACE ROUGHNESS VALUE TO IS:3037	NUMBER	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12
	Ra µ m	0.25	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50
	SYMBOL												

DRAWN	
CKD. BY	
S/ELDO (M)	
AME(D)	
DY CEE (D)	
DATE	
SCALE	
APPROVAL REF. NO.	

REFERENCE
REF. NO. 2 OF
DRG. NO. 05/1/38/45

CHITTARANJAN LOCOMOTIVE WORKS

USED FOR LOCO
WAM 4, WAG 7

DRAWING NO.
05/1/38/44

REV. NO.	ZONE	ABRIDGED DESCRIPTION OF REVISION	SIGNATURE & DATE	JOB ORDER NO.
A				
B				
C				
D				

PLEASE NOTE:

PAPER SIZE TO BE CUSTOMISED FOR A2 SHEET IS 620,446

FOR PRINTABLE AREA OF ISOA2 PAPER TRIMMED SIZE 594,420

SHOWING FILLED TRIANGLE AT THE FOUR CORNERS OF THE LAYOUT SHEET

SCANNED AND DIGITIZED FROM DRG. NO.....

OF M/S .....

VIDE DD/DSP WORK ORDER NO.....DATED .....

CD-DISC4\C03&CC\01-----.dwg

ITEM	ITEM DESCRIPTION	NOS. OFF	MATL. SPECIFICATION	UNIT WT. Kg.

SURFACE ROUGHNESS:IS3073:1967(Ra value: μm)

CAST/FORGED/ ROLLED	ROUGH FINISH	SMOOTH FINISH	FINE FINISH	SUPER FINE FINISH
∿	▼	▼▼	▼▼▼	▼▼▼▼
N12=50	N11=25 N10=12.5	N9=6.3 N8=3.2 N7=1.6	N6=0.8 N5=0.4 N4=0.2	N3=0.1 N2=0.05 N1=0.025

BASIC DATA SOURCE LIKE SAMPLE/ SKETCH/ G.A.DRG./ ANY OTHER: SCANNED

ALL SHARP EDGES TO BE CHAMFERED TO 1mm. x45° AND ALL SHAFT FILLETS & UNDERCUTS TO BE RADIUSED TO 1mm. R UNLESS STATED OTHERWISE

GENERAL TOLERANCES FOR LINEAR & ANGULAR M/C DIMENSIONS TO BE AS PER IS:2102(PART 1):1993 CLASS 'm'

STEEL AUTHORITY OF INDIA LTD.

DURGAPUR STEEL PLANT

PLANT DESIGN AND DRAWING DEPARTMENT

DRAFTING CODE REFERENCE

1) IS 10714:1983
2) IS 9609(Part1):1983

FIRST LINE TITLE

SECOND LINE TITLE

THIRD LINE TITLE

AutoCAD FILE NAME :-

JOB ORDER NO. -----

DRN.	-	APP.	-	ANGLE OF PROJECTION: 1ST.	LINEAR DIMENSIONAL UNIT: mm.
TRD.	-	DATE	00.00.00	DRG. No.	A0/01.00.00/00000
CHD.	-	SCALE	- -		REV. -

DRG.NO.,ITEM NO. & MANUFACTURER'S IDENTIFICATION MARK TO BE PROVIDED ON EACH ITEM AT SUITABLE LOCATION OR AT PLACES MARKED 'M'