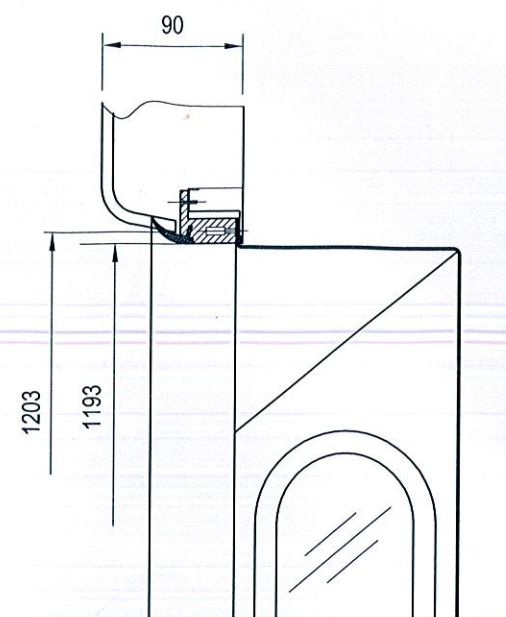
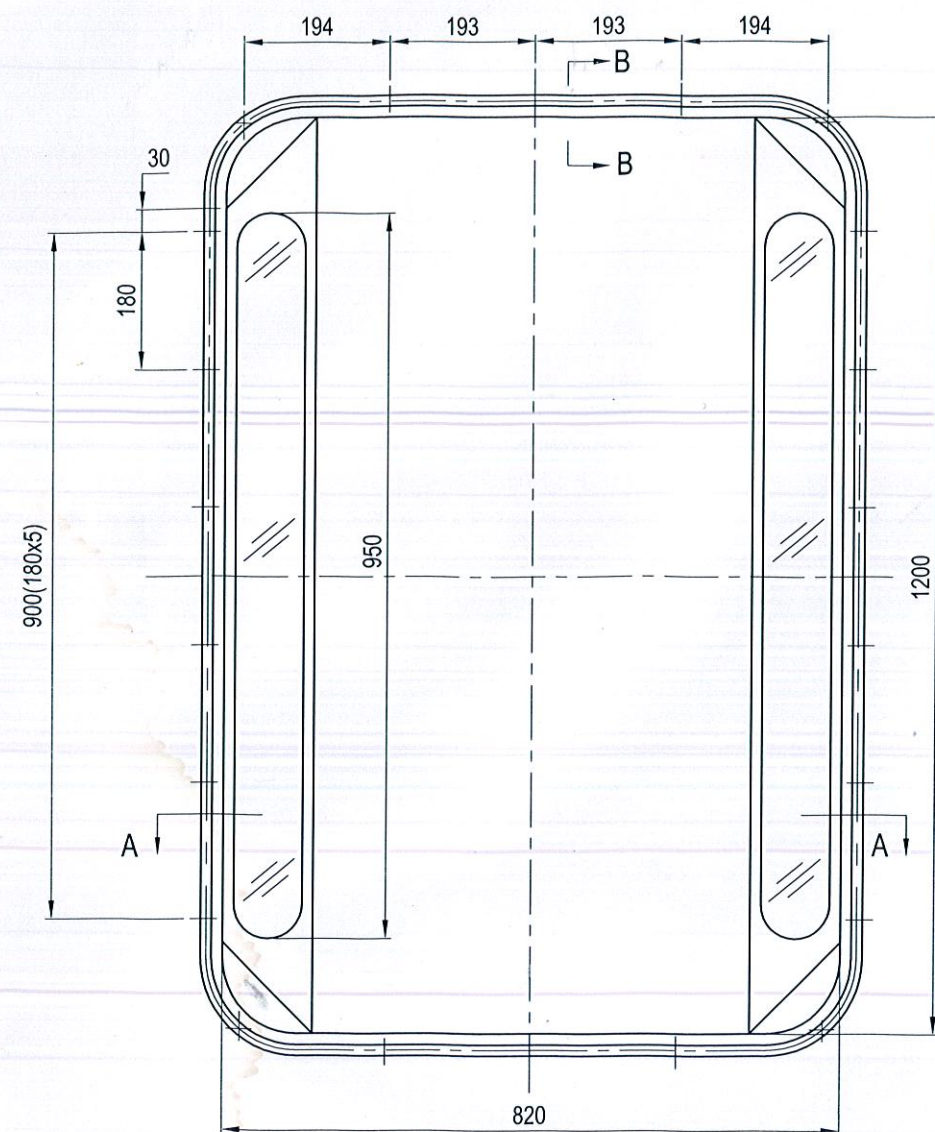
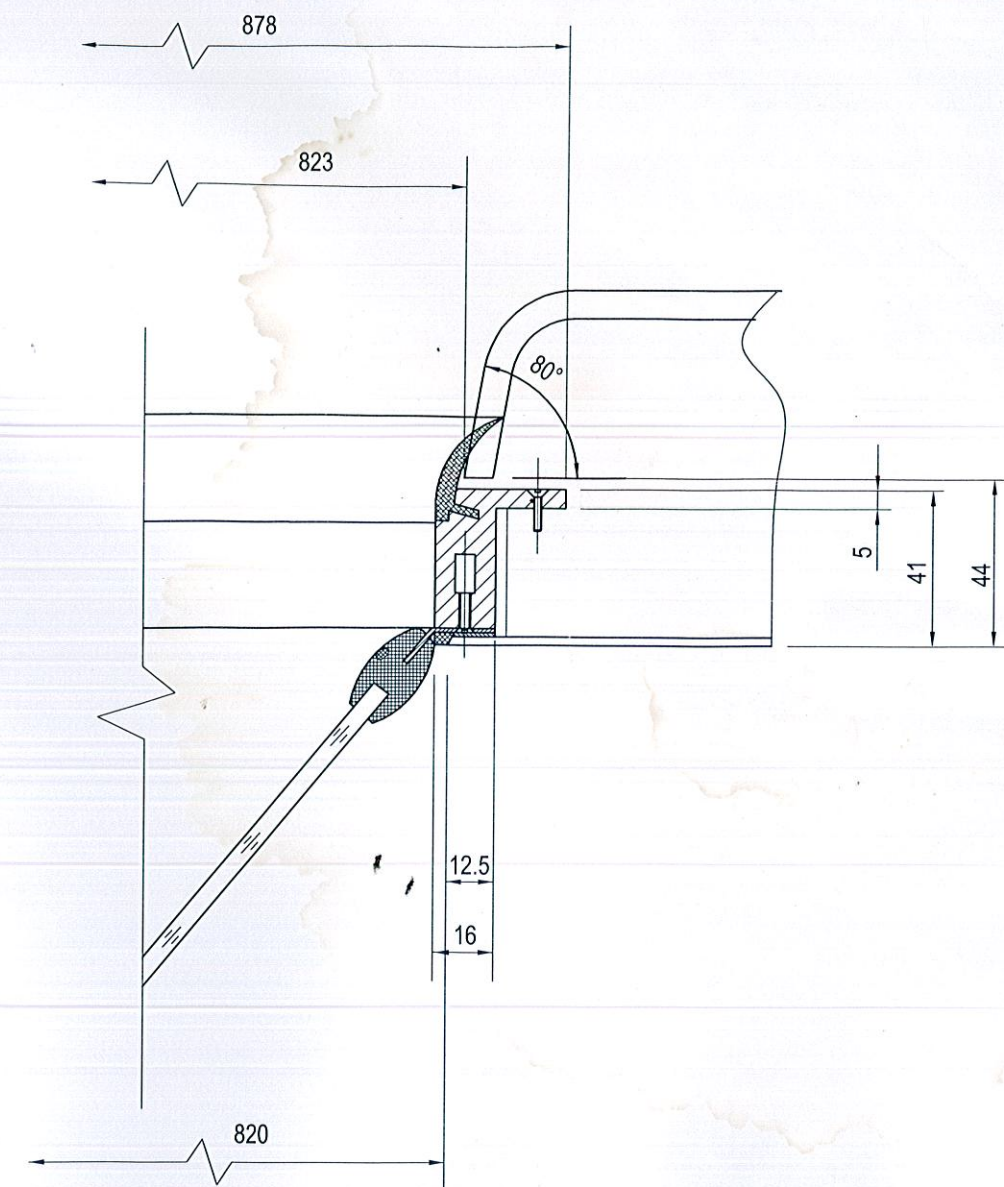




SECTION ON B-B

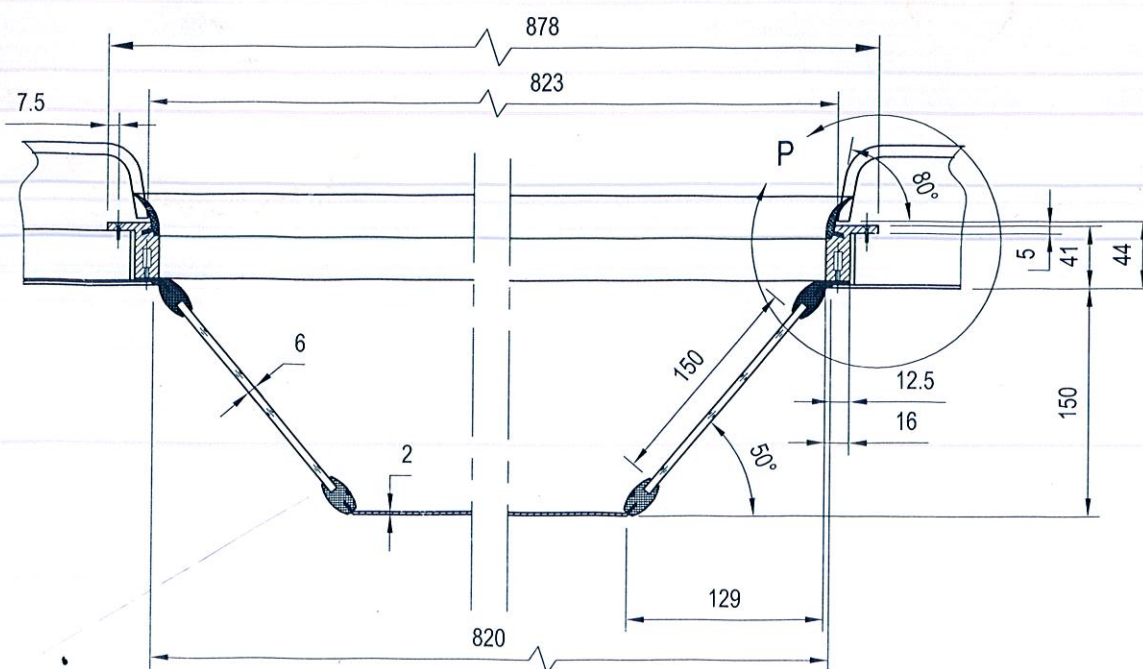


ENLARGED VIEW - P

SKETCH OF GUARD'S LOOK OUT

(CHINESE CARRIAGES - 2007 BATCH)

ALL DIMENSIONS ARE IN mm.

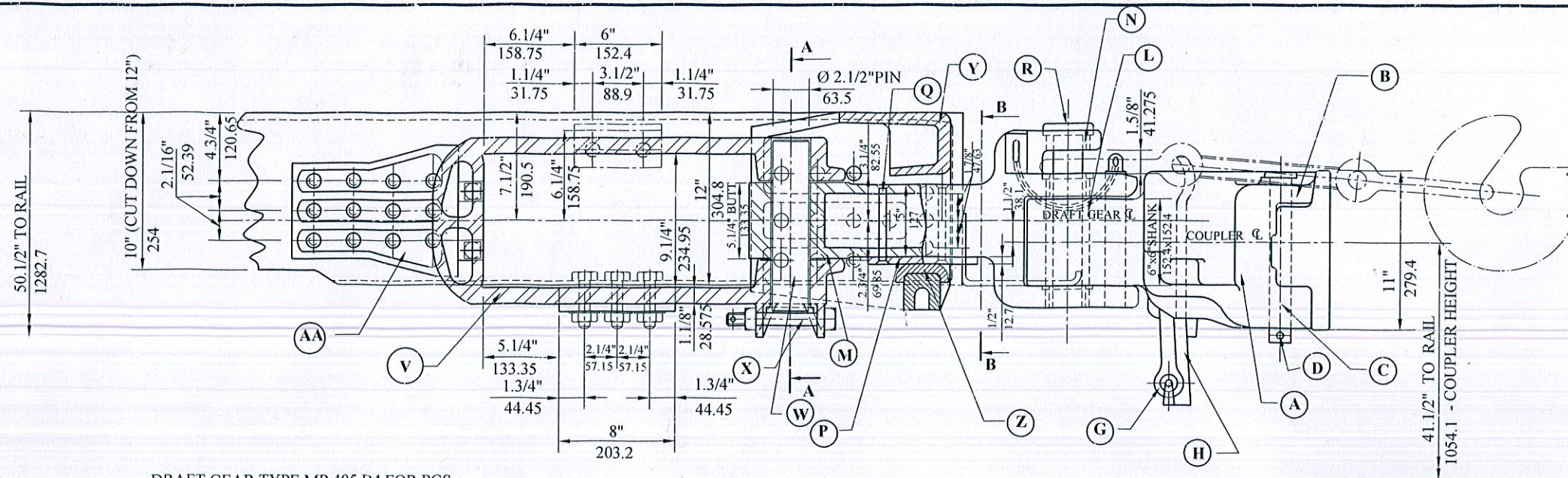


SECTION ON A-A

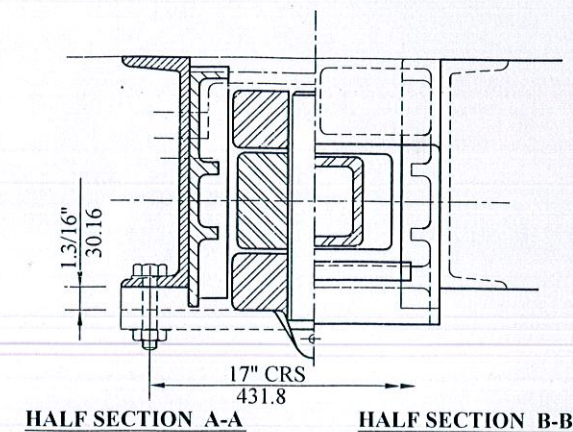
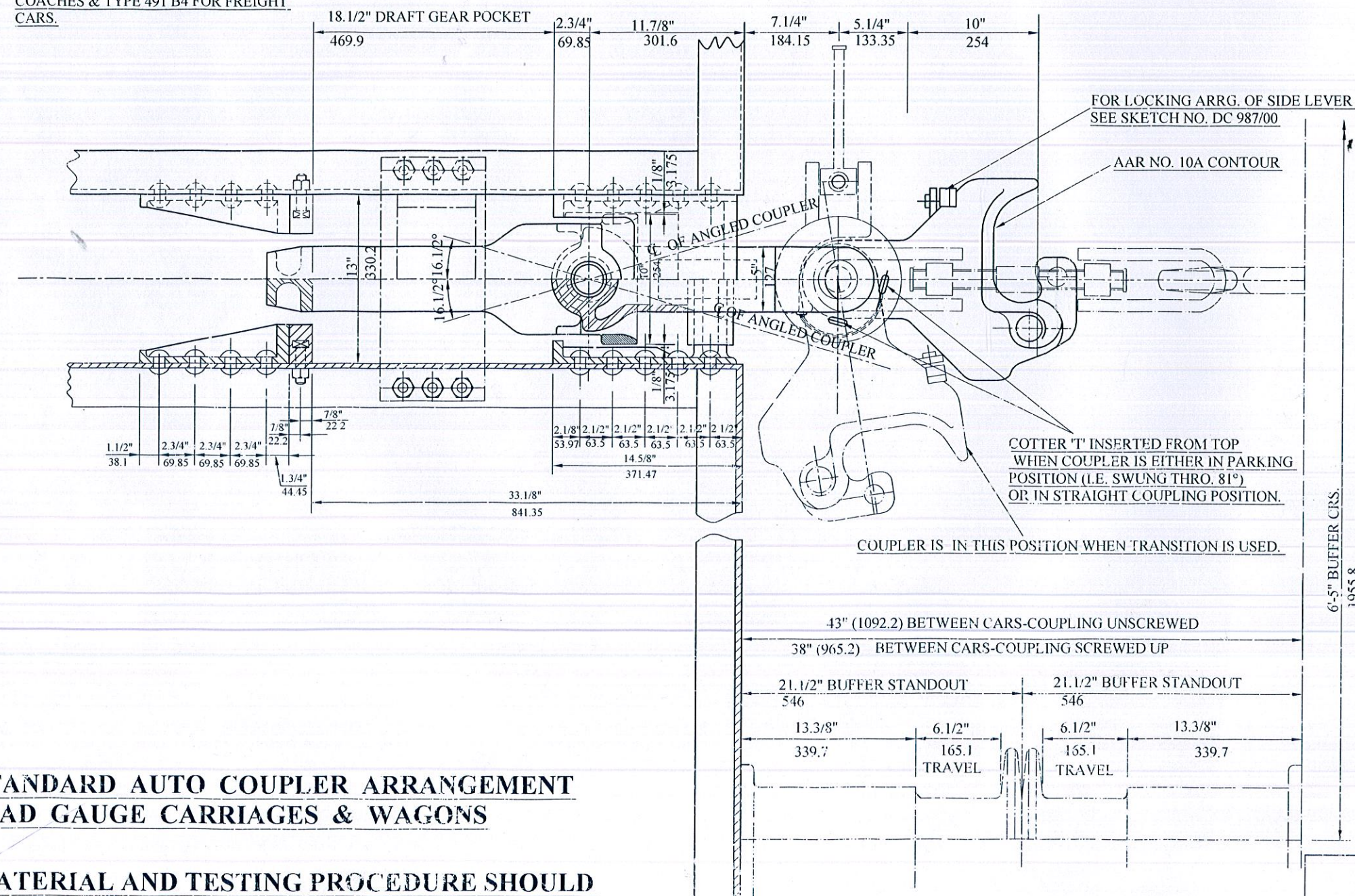
SRI LANKA RAILWAYS

CHIEF MECHANICAL ENGINEER'S DEPARTMENT

DRAWN BY :- <i>C. C. Jayasinghe</i>	REF. :- CCK 264-65-01-000	<i>[Signature]</i>	<i>[Signature]</i>
CHECKED BY :- <i>[Signature]</i>	SUPERSEDE. :-	MECHANICAL ENGINEER DESIGNS	CHIEF MECHANICAL ENGINEER
DATE :- 29.04.2015	DRAWER NO. :- 155	SKETCH NO. :-	DC 1166/01



DRAFT GEAR TYPE MP 405 B4 FOR PGS.
COACHES & TYPE 491 B4 FOR FREIGHT
CARS.

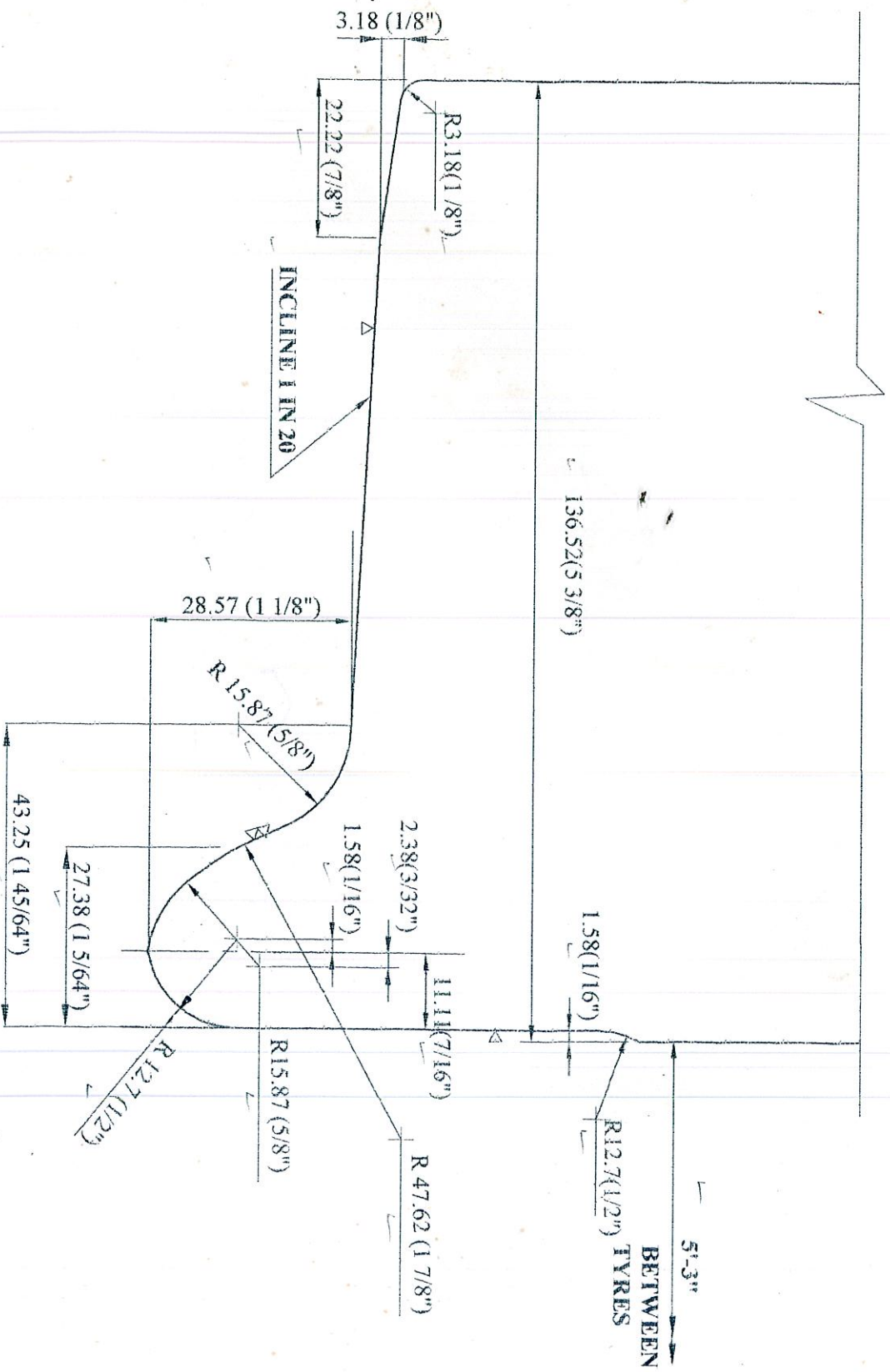


ITEM	DESCRIPTION	NO. PER SET	REMARKS
AA	BACK STOP	1	CASTING
Z	CARRIER SHELF WEAR PLATE	1	
Y	STRIKER	1	CASTING
X	DRAFT PIN RETAINING PIN	1	
W	DRAFT PIN	1	FORGING
V	YORK	1	CASTING
U	COTTER RETAINING PIN	1	
T	COTTER	1	FORGING
S	SPLIT PIN FOR "R"		3/8"x3.1/2"
R	RIGID SHANK PIN	1	
Q	WEAR PLATE RIVETS	2	
P	WEAR PLATE	1	
N	RIGID SHANK BUSH	3	
M	RIGID SHANK	1	CASTING
L	SHANK BUSH	1	
K	SPLIT PIN FOR "J"	1	3/16"x1 1/2"
J	SIDE LEVER PIN	1	
H	SIDE LEVER	1	FORGING
G	BOTTOM LIFTER	1	FORGING
F	KICKER	1	FORGING
E	LOCK	1	FORGING
D	SPLIT PIN FOR "C"	1	3/8"x3.1/2"
C	KNUCKLE PIVOT PIN	1	FORGING
B	KNUCKLE	1	CASTING
A	COUPLER BODY	1	CASTING

S. L. R. STANDARD AUTO COUPLER ARRANGEMENT FOR BROAD GAUGE CARRIAGES & WAGONS

NOTE - MATERIAL AND TESTING PROCEDURE SHOULD
COMPLY WITH AAR M - 201 GRADE E.

SRILANKA RAILWAYS			
CHIEF MECHANICAL ENGINEER'S DEPARTMENT			
DRAWN. <i>10/1/17</i>	REF.	<i>10/1/17</i>	MECH. ENGINEER DESIGN
CHECKED. <i>10/1/17</i>	SUPERSEDE. DC 1174/01		CHIEF MECHANICAL ENGINEER
DATE. 14.11.2017	DRAWER NO. 155	SKETCH NO:	DC 1174/02



MATERIAL-

GRADE B6 E STEEL TO BSS 5892 Pt. 4 OF 1992

ROUGH MACH D	FINISH MACH D	FINE FINISH MACH D	GROUND	HARDENED & GROUND	FIELD OR ROUGH GROUND	CASE HARDENED & GROUND	SKIN HARDENED				

SUPERSEDES DRG. NO.

SUPERSEDED BY DRG. NO.

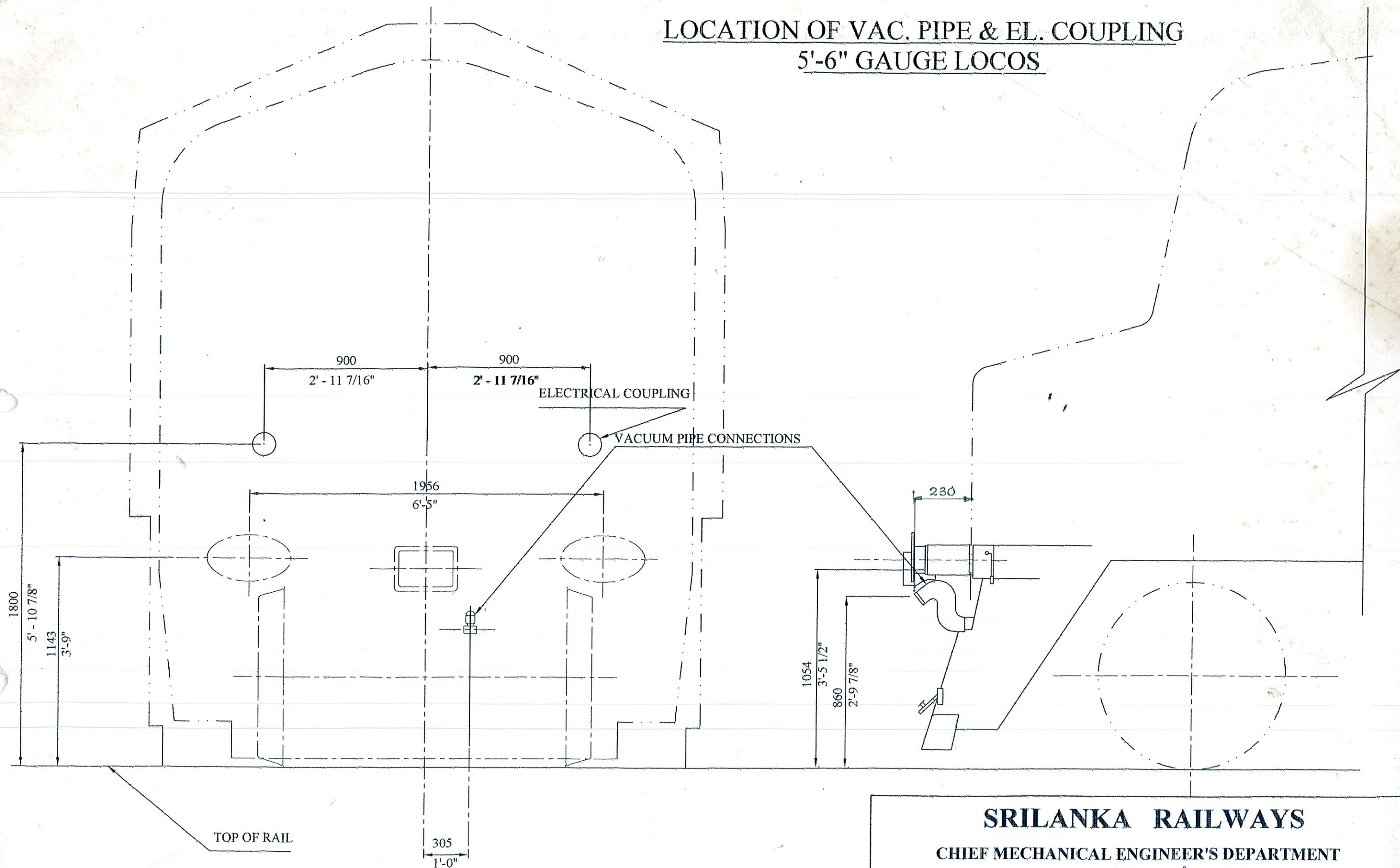
DRG. NO.

REFERENCE DRGS.

SRI LANKA RAILWAYS - MECHANICAL DEPARTMENT

DRAWN BY: <i>A. Udawatta</i>	ALT. SLIP NO	TITLE:	LOCO TYRE PROFILE
CHECKED BY: <i>S. N. D. S. George</i>		SUB-DIVISION:	WHEELS & AXLES
APPROVED (MED): <i>A. Udawatta</i>		DIVISION:	LOCOMOTIVES
APPROVED (CME): <i>A. Udawatta</i>			
INKED BY:		SCALE:	
DATE: 28.01.2008		DRAWER NO	105
			DE 3221/00

LOCATION OF VAC. PIPE & EL. COUPLING 5'-6" GAUGE LOCOS



NOTE- VACUUM PIPE CONNECTIONS SHOULD BE ON THE
RIGHT HAND SIDE OF THE AUTO COUPLER WHEN
FACING THE BUFFER BEAM ON BOTH ENDS.

SRILANKA RAILWAYS

CHIEF MECHANICAL ENGINEER'S DEPARTMENT

DRA.

REF.

MECH. ENGINEER DESIGNS

CHIEF MECHANICAL ENGINEER

CHKD.

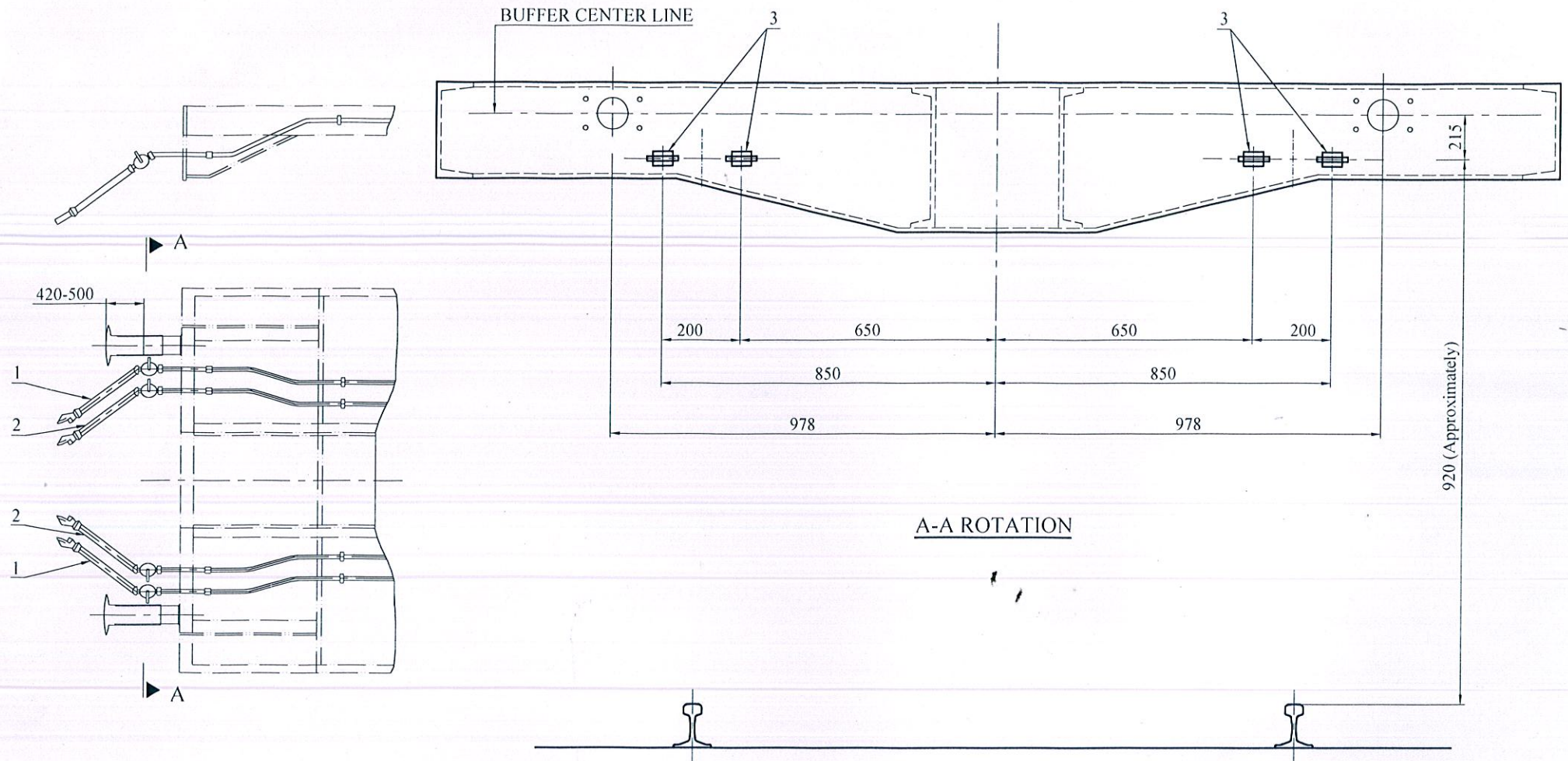
SUPERSEDE.

DATE-

DRAWER NO.

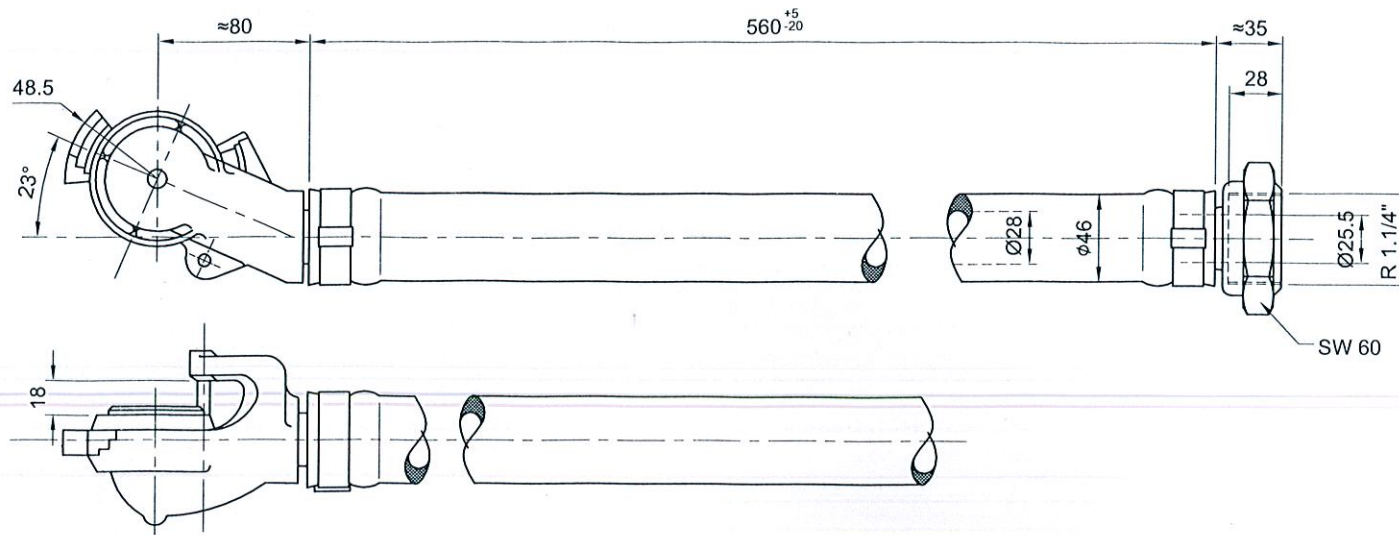
SKETCH NO: DL 643/03

AIR BRAKE LOCATION FOR CARRIAGES & WAGONS (EXCEPT POWER COACHES & NEW CHINESE COACHES)



3	ANGLE COCK
2	BP COUPLING (accord with UIC 541-1-2003)
1	MRP COUPLING (accord with UIC 541-1-2003)

SRI LANKA RAILWAYS CHIEF MECHANICAL ENGINEER'S DEPARTMENT			
DRAWN BY. :- NUWAN	REF. :- AIR BRAKE TYPE MAIN LINE COACHES	MECHANICAL ENGINEER (P & D)	CHIEF MECHANICAL ENGINEER
CHECKED BY. :- H.J.D.FONSEKA	SUPERSEDE. :- DL 702/02	DATE :- 26 /04/2022	DRAWER NO. :- 76
SKETCH NO. :- DL 702/03			



NOTE :-

DATE OF MANUFACTURE , MANUFACTURE'S SYMBOL AND OWNER'S MARK SHOULD BE INDICATED ON THE HOSE.

SERVICE PRESSURE MAX.. - 11 bar (air)

TEST PRESSURE MAX.. - 14 bar (air)

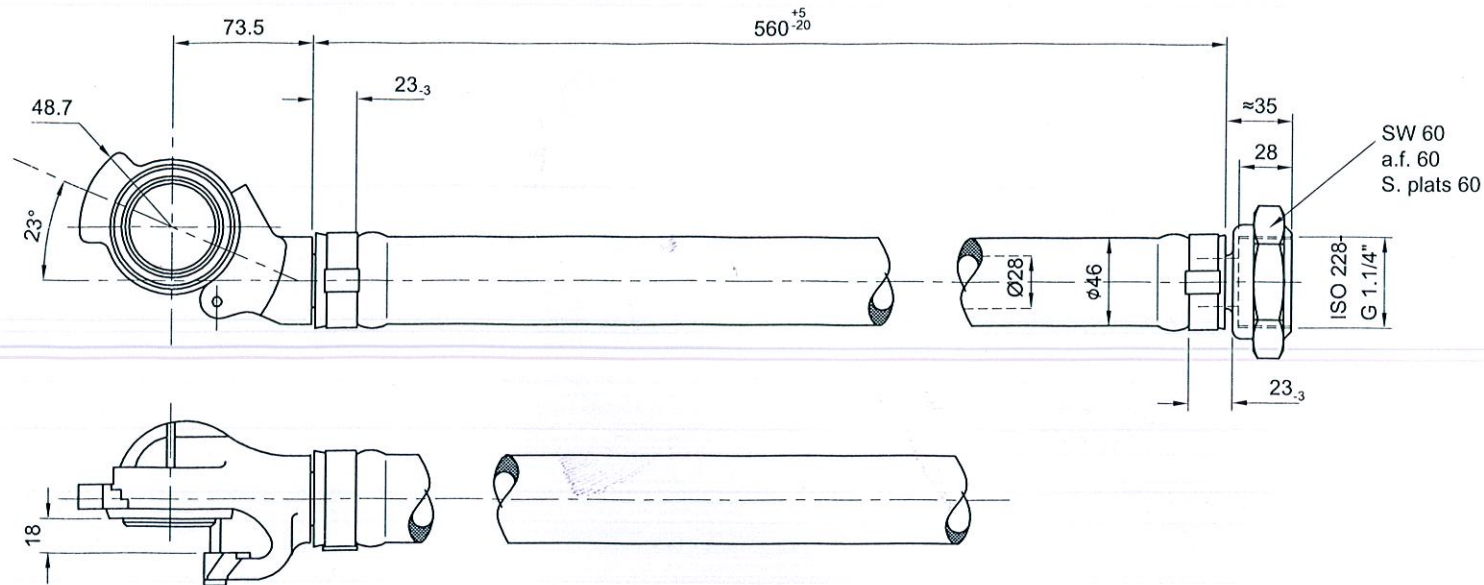
SMALLEST PERMISSIBLE RADIUS OF CURVATURE R = 140

TEMPERATURE RANGE - 30°C TO 80°C



BRAKE COUPLING 1 INCH X R1.1/4"

SRI LANKA RAILWAYS			
CHIEF MECHANICAL ENGINEER'S DEPARTMENT			
DRA. :- <i>W. Ch. J.</i>	REF. :-	<i>W. Ch. J.</i>	<i>W. Ch. J.</i>
CHECKED. :- <i>S. Udayarathne</i>	SUPERSEDE. :-	MECHANICAL ENGINEER DESIGNS	CHIEF MECHANICAL ENGINEER
DATE :- <i>20.01.2016</i>	DRAWER NO. :- 203	SKETCH NO. :- DP 1621/00	



NOTE :-

DATE OF MANUFACTURE , MANUFACTURE'S SYMBOL AND OWNER'S MARK SHOULD BE INDICATED ON THE HOSE.

SERVICE PRESSURE MAX.. - 11 bar (air)

TEST PRESSURE MAX.. - 14 bar (air)

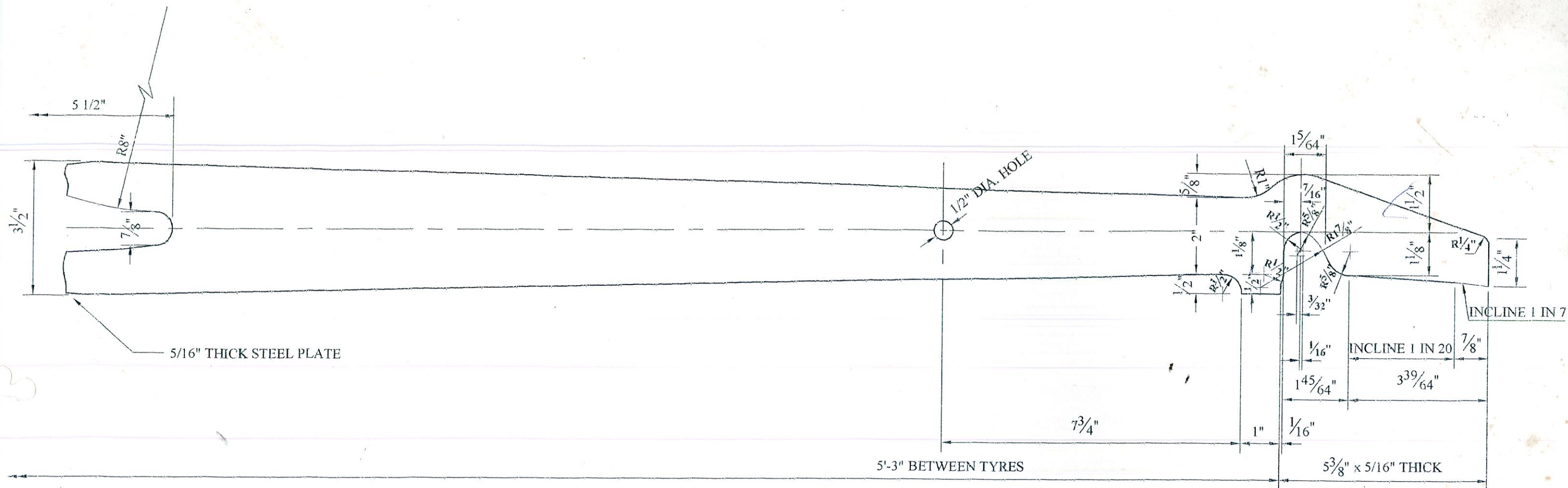
SMALLEST PERMISSIBLE RADIUS OF CURVATURE R = 140

TEMPERATURE RANGE - 30°C TO 80°C



BRAKE COUPLING H-1 INCH - ISO 228 - G 1.1/4"

SRI LANKA RAILWAYS			
CHIEF MECHANICAL ENGINEER'S DEPARTMENT			
DRA. :- <i>Chin</i>	REF. :-	<i>Holly 9</i>	<i>h</i>
CHECKED :- <i>B. Udumaka</i>	SUPERSEDE. :-	MECHANICAL ENGINEER DESIGNS	CHIEF MECHANICAL ENGINEER
DATE :- 20. 01. 2016	DRAWER NO. :- 203	SKETCH NO. :- DP 1622 /00	

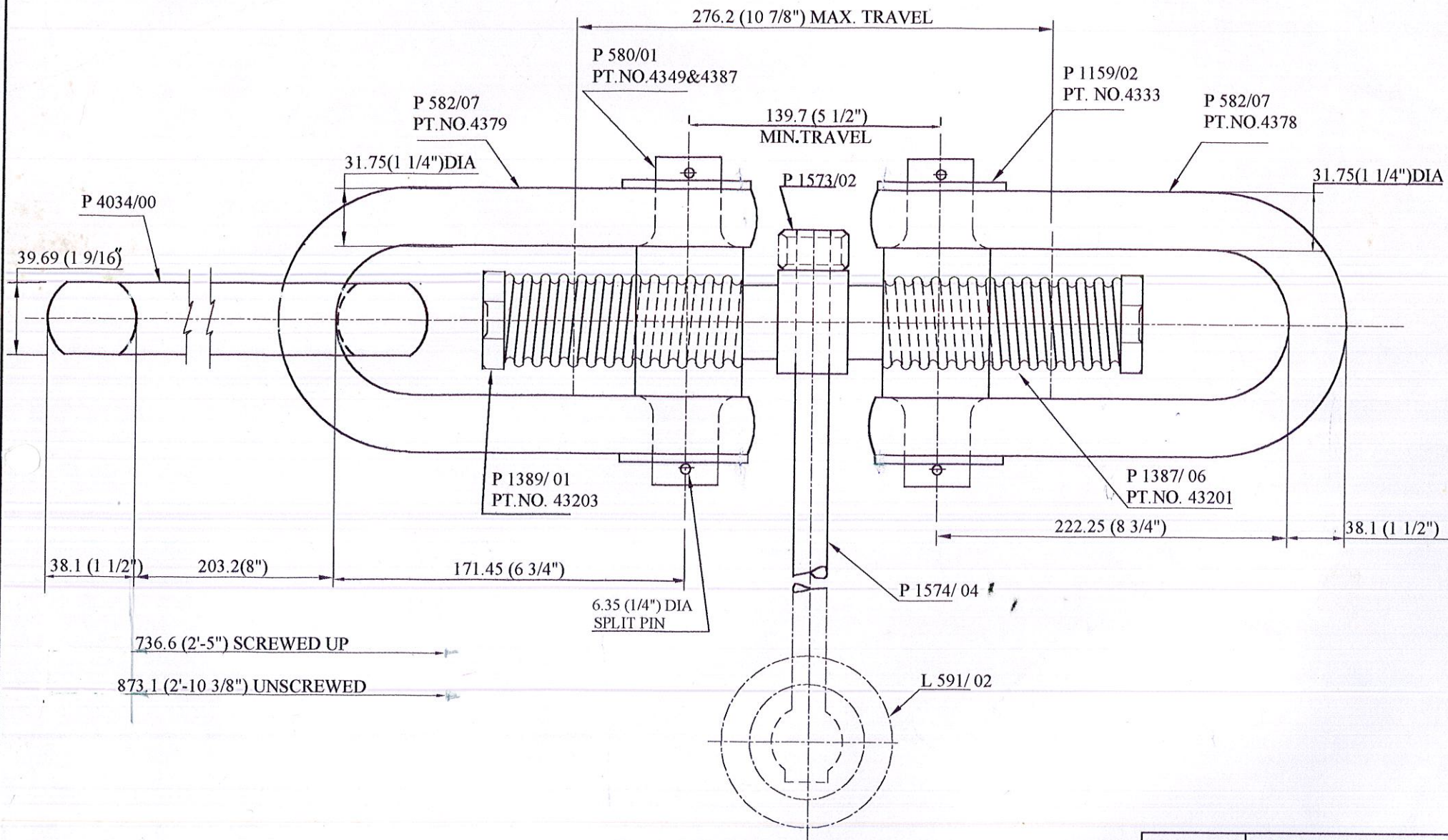


GAUGE NO : 02.27

NOTE :

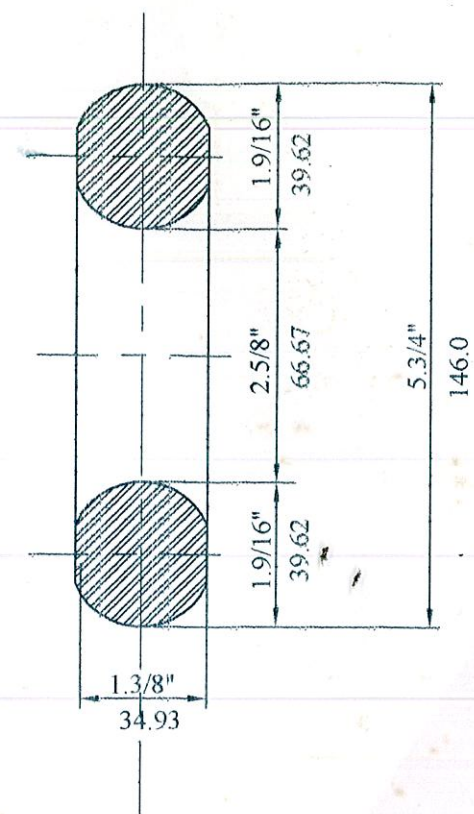
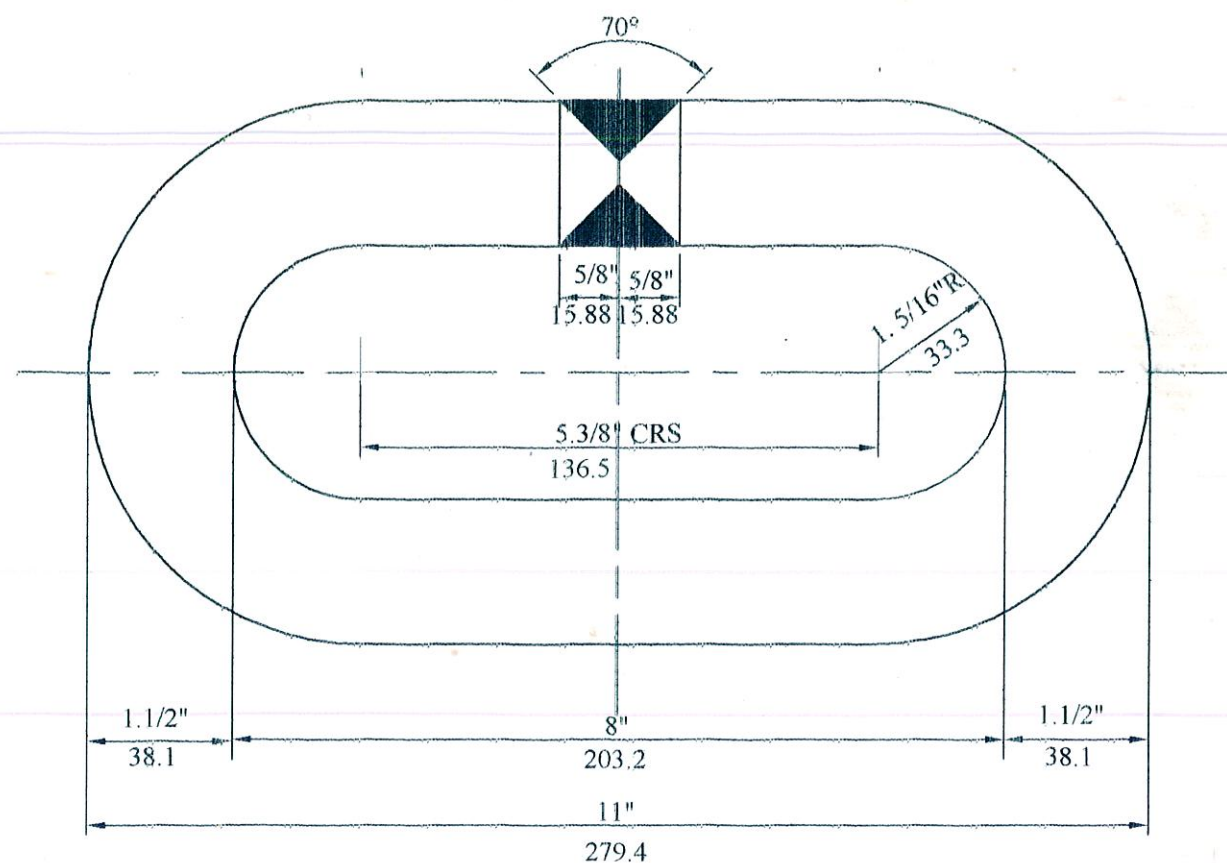
FOR DETAIL OF PROFILE GAUGE
SEE DRG. NO: H 48

SUPERSEDES DRG. NO.			
SUPERSEDED BY DRG. NO.		DRG. NO.	REFERENCE DRGS.
SRILANKA RAILWAY AUTHORITY			
DRAWN BY: <i>K. A. 072</i>	ALT. SLIP No	TITLE: OVERALL TYRE PROFILE GAUGE (CONTOUR A)	
CHECKED BY: <i>D. K. K. K. K.</i>	D T8/42	SUB-DIVISION : LOCO DIESEL RAIL CARS BROAD GAUGE	
APPROVED (MED): <i>[Signature]</i>		DIVISION : GAUGES	
APPROVED (CME): <i>[Signature]</i>			
INKED BY:		SCALE :	
DATE: 25.01.2008		DRAWER NO. 87	D.NO.:H207/01



STORE NO.- RG 4/04/7
 PART NO.- 43217
 NO.PER SET- 2

SUPERSEDES DRG. NO. P 3274/00 , P 3274/01 , P 3274/02		P 1386/03	Std. C&W SCREW COUPLING
SUPERSEDED BY DRG. NO.		P 3169/01	SCREW COUPLING (ENG.TYPE Z 708)
SRILANKA RAILWAY AUTHORITY - MECHANICAL DEPARTMENT		DRG. NO.	REFERENCE DRGS.
DRAWN BY: [Signature]	ALT. SLIP No	TITLE: ASSEMBLY OF SCREW COUPLING	
CHECKED BY: [Signature]	DC 10/63	SUB-DIVISION: DRAW GEAR	
APPROVED (MED): [Signature]	DC 18/63	DIVISION: B.G 58-0" CARRAGE & WAGON WITH AUTO-COUPLER	
APPROVED (CME): [Signature]	DC 14/64	(E.S.C & CHINESE TYPE)	
INKED BY:		SCALE: 1 : 3	
DATE: 29-11-2003		DRAWER NO. 139	D.NO. P 3274/04



MATERIAL : M.S. CLASS 'D'

PART NO : 43316

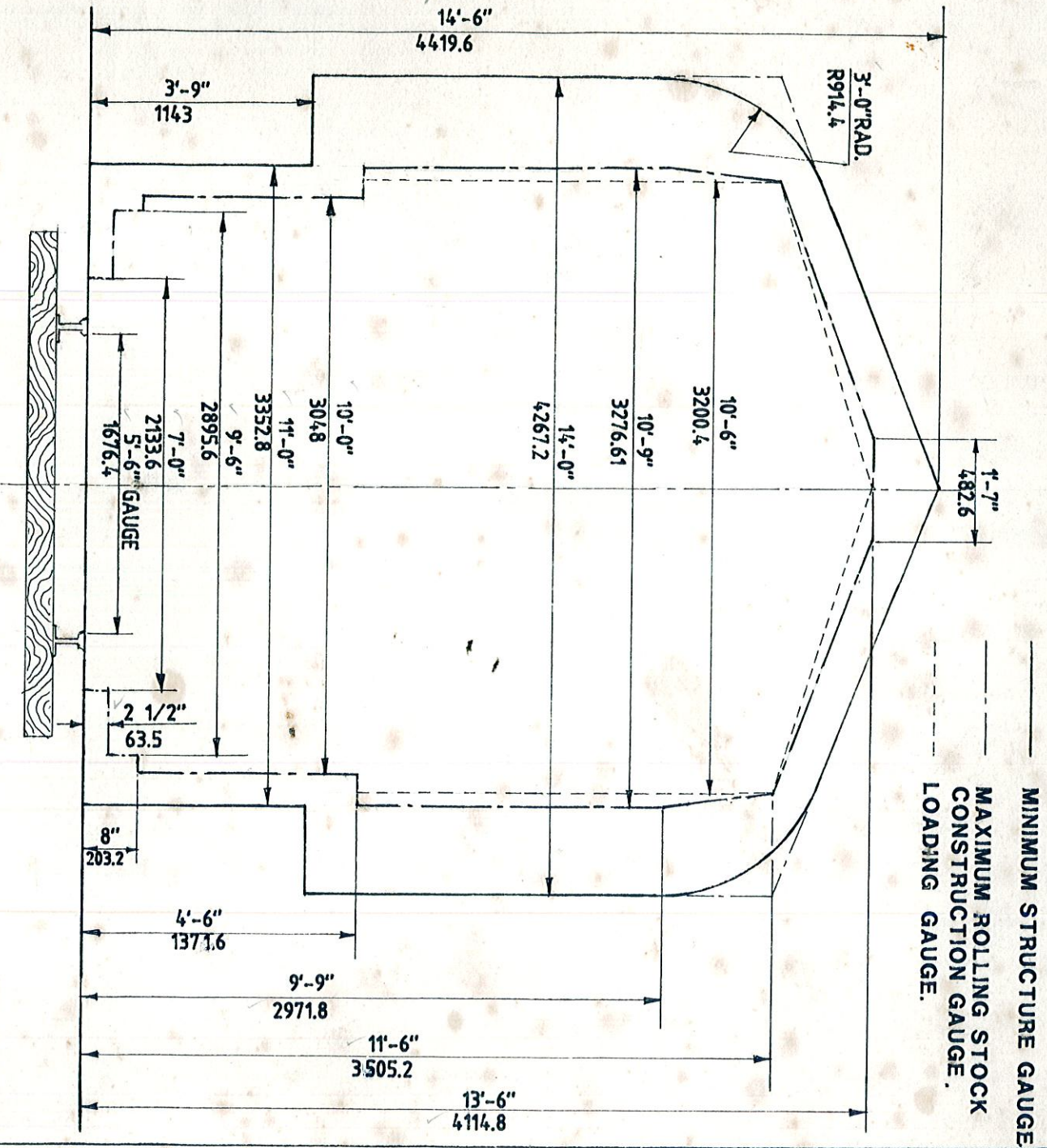
NO. PER SET : 2

STORE NO. : RG 4/05/17

TO BE ELECTRICALLY WELDED AND NORMALIZED.

ALL DIMENSIONS ARE IN INCHES AND MM

SUPERSEDES DRG. NO. P 3318/01		P 3274/04	SCREW COUPLING ASSY.
SUPERSEDED BY DRG. NO.		DRG. NO.	REFERENCE DRGS.
SRI LANKA RAILWAY AUTHORITY - MECHANICAL DEPARTMENT			
DRAWN BY: <i>[Signature]</i>	ALT. SLIP No	TITLE: SCREW COUPLING LINK	
CHECKED BY: <i>[Signature]</i>	DC 2/84	SUB-DIVISION: DRAW GEAR	
APPROVED (MED): <i>[Signature]</i>		DIVISION: B.G CARR. & WAGONS AND POWER COACHES	
APPROVED (CME): <i>[Signature]</i>			
INKED BY:		SCALE: 1:2	D.No. P 4034/00
DATE: 25.01.2008		DRAWER NO. 61	



NOTE:-

1. FOR VEHICLES NOT EXCEEDING 61'-0" (18592.8mm) OVER BODY 63'-0" (19202.4mm) OVER BUFFERS AND 42'-2" (12852.4mm) CENTRES OF BOGIES.
2. FOR K.V. AND U.P.R. MAXIMUM ROLLING STOCK CONSTRUCTION GAUGE SEE S 1366/00

3. DIMENSIONS SHOWN IN IMPERIAL & METRIC

REDRAWN ON 31.01.2002

SUPERSEDES DRG. NO.:- D 11, S. 613/02	DRG. NO.	REFERENCE DRGS.
SUPERSEDES BY DRG. NO.:-		
CEYLON GOVERNMENT RAILWAY - MECHANICAL DEPARTMENT		
DRAWN BY:- <i>Udumaka</i>	ALTER. SLIP No	TITLE:- MAXIMUM ROLLING STOCK CONSTRUCTION GAUGE
CHECKED BY:- <i>[Signature]</i>		SUB-DIVISION:- BROAD GAUGE
APPROVED(MED):- <i>[Signature]</i>		DIVISION:- PLANT AND MACHINERY
APPROVED(CME):- <i>[Signature]</i>		
INKED BY:- <i>[Signature]</i>	SCALE :- 3/8 INCH = 1 FOOT	
DATE:- 31.01.2002	DRAWER NO:- 168	D.No S 613/03