



उत्तर रेलवे

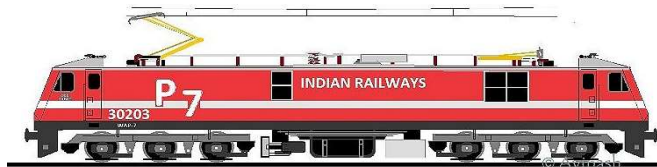
NORTHERN RAILWAY



PROFILES

31-03-2017 तक संशोधित

CORRECTED UPTO 31-03-2017



प्राक्कथन

PREFACE

रेलवे बोर्ड के पत्र सं. 81/ई बी-1/400/1, दिनांक 11-3-1982 में निहित दिशा निर्देशानुसार उत्तर रेलवे के सभी ट्रंक रूटों तथा ब्रांच लाइनों पर "ए", "बी" और "सी" श्रेणियों के ओ.डी.सी. के अनुमेय विस्तार को दर्शाते हुये डायग्राम को विधिवत् शामिल करके एक बुकलेट तैयार की गई है।

क्लियरेंस डायग्राम के द्वारा "ए" तथा "बी" श्रेणियों के ओ.डी.सी. के सम्पूर्ण रूट पर संचालन की स्वीकृति से लदान करने वाली रेलवे को सहायता मिलेगी एवं इस प्रकार ओ.डी.सी. के परिचालन में विलम्ब नहीं होगा। इस बुकलेट में सभी संबन्धित सूचनाओं को शामिल करने के हर सम्भव प्रयास किये गये हैं।

इस कार्यालय द्वारा पहले से प्रकाशित बुकलेट 31-03-2013 तक संशोधित को रद्द किया जाता है और **31-03-2017 तक संशोधित संस्करण** को पुनः प्रकाशित किया जा रहा है।

In terms of directives contained in Railway Board's letter no. 81/EB-1/400/1 dated 11-03-1982, this booklet has been prepared duly incorporating diagrams indicating the permissible dimensions of O.D.C.'s of "A", "B", & "C" class on all trunk routes and branch lines of Northern Railway.

The clearance diagrams will help the loading Railways to accord their sanction to the movement of O.D.C.'s of "A" & "B" class on the entire route and thus, avoid delay in the movement of O.D.C.'s. all out efforts have been made to indicate all relevant information in this booklet.

Booklets previously issued from this office, corrected upto 31-03-2013 is hereby cancelled and this revised edition has been published duly **corrected upto 31-03-2017**.

उत्तर रेलवे
बड़ौदा हाऊस, नई दिल्ली

Northern Railway
Baroda House, New Delhi

मुख्य इंजीनियर
(योजना एवं अभिकल्प)

Chief Engineer
(Planning & Design)

Government of India
Ministry of Railways,
Railway Board,
New Delhi.
Dated :- 11-3-1982

No. 81/EB – 1/400/1

The General Manager/Operating
All Indian Railways.

Sub :- Speedier sanction and movement of O.D.C. s.

The Board have been receiving complaints about delay in the issue of sanctions and movement of ODCs especially in respect of heavier type of Well wagons. It has accordingly been decided that for 'A' and 'B' class of ODCs, the loading Railway should give sanction for the entire route of the movement of the ODC including its movement over other Zonal Railways. For this purpose Railways have already been directed vide this office D. O. letter No. 80/WDO/ODC/5 dated 22 – 1 – 1982 addressed to the Chief Engineers of all Indian Railways, to prepare booklets indicating limiting profiles in respect of routes on which ODCs ply on their system. Railways have been advised to ensure that the booklets are exchanged early to enable the new system to come into force w.e.f. 1 - 4 - 1982.

1. In this revised procedure, the loading railway, on receipt of the application from the consignor, will examine the drawings of the consignment with respect to the limiting structures over its own routes, and routes of other Railways over which the ODC is to move. If the consignment is likely to remain within 'A'/'B' class of ODC over the entire route, sanction shall be given for the entire route. A copy of this sanction along with the relevant drawings etc. will be sent promptly to the concerned Railways over which the consignment is due to move.
2. The concerned Railways, on receiving a message in respect of sanction by the loading Railway over their systems, shall check up the correctness of the sanction and if any omission is found in the sanction, it would promptly be brought to the notice of the loading Railway, so that the loading of the consignment is held back.
3. The loading Railway would go ahead with the loading of the consignment, unless they receive any specific objections from any of the Zonal Railways over which the consignment is due to move. After loading, the Railway shall issue movement instructions over its own system indicating sizes, wagon number etc. and a copy would be marked to COPS' of concerned Zonal Railways over which the consignment is due to move.
4. The other concerned Railways on receiving such instructions, will examine the sizes etc. of the consignment and issue detailed instructions for movement of the consignment on their own system.
5. For "B" class consignments, Railways on receipt of the wagon carrying the consignment must compare sizes (through their TXRs) at the interchange points with the sizes etc. mentioned in the movement instructions and allow movement over their systems when the sizes, on ground, are as indicated in the movement instructions. It is clarified that although the loading Railway would issue sanction in respect of movement of the consignment over other Zonal Railways, the final responsibility for the safe movement of the consignment would lie on the respective Railways on their own zonal systems. It is

necessary, therefore, that when sanction is issued by another Railway, the concerned Railway over which the consignment is to move must verify the sizes/drawings etc. vis-à-vis their own limiting structures before issue of movement instructions over their systems and allowing movement of that ODC on their system.

6. Any new works etc. which may lead to change in the size of the limiting structures on any of the routes indicated in the diagrams must be brought immediately to the notice of all Zonal Railways in the form of an amendment to the existing drawings. Since the booklets of other Zonal Railways will be kept in the COPS' office, the amendment also should be issued by the COPS' office, although the draft would be provided by the Chief Engineers just as the booklets will be prepared by the Chief Engineer's office. As far as possible, any temporary changes must be avoided.
7. The diagrams will be revalidated before expiry of every six months for which a meeting shall be held on the first of April and first of October, where the concerned officials dealing with the clearance of ODCs and checking up of drawings etc. will communicate the changes over their system due to any new works etc. and also discuss any problems that they may be having in respect of issuing sanctions. The meeting shall be held by rotation on each Zonal Railway for this purpose.
8. The Railways will not give clearance in respect of other Railways for movement over electrified sections where the gross clearance between the consignment and the contact wire is less than 390 mm i.e. wherever restriction of speed/switching off of OHE is involved. In such a situation i.e. where the clearance is less than 390 mm, prior clearance would be required from concerned Railways before the loading Railway issues sanction for the movement of the ODC.
9. As mentioned above, the revised procedure shall come into force from 1 – 4 - 1982.
10. Special care should be taken in issue of sanctions wherever change of gauge is involved from BG to MG. If on MG the consignment changes its class of ODC from 'A'/'B' to 'C', then prior clearance would be required from the concerned Zonal Railways before issue of sanction. Any doubts should be got clarified on phone with the other Railways before the final sanction is issued. No risk should be taken with safety, but keeping that in view the sanction and movement of ODCs must be expedited.


Sd/-
(R. P. Singh)
Director Traffic Transportation
Railway Board

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x	Kotkapura(KKP) - Fazilka(FKA)	FZR	BG			G1	12	9	
xi	Fazilka(FKA) - Firozpur Cantt.(FZR)	FZR	BG			G1	12	9	
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xix	Allahabad(ALD) - Phaphamau(PFM)	LKO	BG			G1	12	9	
xx	Harduaganj(HGJ) - Breilly(BE) [Via. Chandausi(CH)]	MB	BG			G1	12	9	
xxi	Unnao(ON) - Balamau(BLM)	MB	BG			G1	12	9	
xxii	Rosa(RAC) - Sitapur Cantt.(SCC) [Via. Sitapur City(SPC)]	MB	BG			G1	12	9	
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10	Delhi(DLI) - Rewari(RE) : Annexure	DLI	BG			01A	16	14	
11	Delhi Sarai Rohilla(DEE) - Rewari(RE)	DLI	BG		03	01B	18	15	
12	Garhi Harsaru(GHH) - Farukh Nagar(FN)	DLI	BG		04	01C	17	16	
13	Shakurbasti(SSB) - Bathinda(BTI)	DLI	BG		05	02	19	17	
14	Hazarat Nizamuddin(HNZM) - Delhi Safderjung(DSJ) - Patel Nagar(PTNR)	DLI	BG	Electrified	06	03	20	18	
15	i) New Delhi(NDLS) - Delhi(DLI) - Ghaziabad(GZB) [Via. Delhi Shahdara(DSA) ii) Delhi(DLI) - Delhi Kishanganj(DKZ)	DLI	BG	Electrified	07	04	21	19	
16	Patel Nagar(PTNR) - Shakurbasti(SSB) [Via. Delhi Avoiding Line(DAL)]	DLI	BG	Electrified	08	05	22	20	
17	Patel Nagar(PTNR) - New Delhi(NDLS) [Via. Ring Railway]	DLI	BG	Electrified	09	06	23	21	
18	New Delhi(NDLS) - Hazrat Nizamuddin(HNZM) - Tughlakabad(TKD) - Palwal(PWL)	DLI	BG	Electrified	10	07	24	22	
19	Subzimandi(SZM) - Panipat(PNP)	DLI	BG	Electrified	11	08	25	23	
20	Panipat(PNP) - Karnal(KUN) - Ambala Cantt.(UMB)	DLI	BG	Electrified	12	09	26	24	
21	i) Ghaziabad(GZB) - Tughlakabad(TKD) [Via. Goods Avoiding Line(GAL)] ii) Ghaziabad(GZB) - Tilak Bridge(TKJ)	DLI	BG	Electrified	13	10	27	25	

S. No.	DESCRIPTION	Divn.	Gauge	Electrified/ Non Electrified	Profile No.	Sheet No.	Layer No.	Page No.	Remarks
22	i) Phagwara(PGW) - Nawanshahar Doaba(NSS) - Rahon(RHU) ii) Nawanshahar Doaba(NSS) - Jajjondoba(JJJ)	FZR	BG		14	11	28	26	
23	Amritsar(ASR) - Verka(VKA) - Batala(BAT) - Pathankot(PTK)	FZR	BG		15	12	29	27	
24	i) Ludhiana(LDH) - Firozpur Cantt.(FZR) - Bathinda(BTI) ii) Jalandhar Cantt.(JRC) - Hoshiarpur(HSX)	FZR	BG		16	13	30	28	
25	Verka(VKA) - Derababa Nanak(DBNK)	FZR	BG		17	14	31	29	
26	Amritsar(ASR) - Jalandhar City(JUC) [Excl. Jalandhar City(JUC)]	FZR	BG	Electrified	18	15	32	30	
27	Amritsar(ASR) - Khemkaran(KEMK)	FZR	BG		19	16	33	31	
28	Nakodar(NRO) - Jalandhar City(JUC)	FZR	BG		20	17	34	32	
29	i) Ludhiana(LDH) - Phagwara(PGW) - Jalandhar City(JUC)	FZR	BG	Electrified	21	18	35	33	
30	i) Jalandhar City(JUC) - Suchi Pind(SCPD) - Pathankot(PTK) ii) Jalandhar Cantt.(JRC) - Suchi Pind(SCPD) [Via. Chord Line]	FZR	BG	Electrified	22	19	35(i)	34	
31	Pathankot(PTK) - Bharoli(BHRL) - Jammu Tawi(JAT)	FZR	BG	Electrified	22(a)	19(a)	36	34(a)	
32	Jammu Tawi(JAT) - Udhampur(UHP)	FZR	BG		23	20	36(i)	35	
33	Pathankot(PTK) - Joginder Nagar(JDNX) [N.G.]	FZR	NG		24	N1	37	36	
34	i) Varanasi(BSB) - Lucknow(LKO) [Via. Janghai(JNH), Pratapgarh(PBH), Chilibila(CIL)] iii) Zafrabad(ZBD) - Lucknow(LKO) [Via. Faizabad(FD)]	LKO	BG		25	21	38	37	
35	i) Mughalsarai(MGS) - Varanasi(BSB) ii) Varanasi(BSB) - Lucknow(LKO) [Via. Zafrabad(ZBD), Sultanpur(SLN)]	LKO	BG	Electrified	25(a)	21(a)	38(i)	37(a)	
36	i) Phaphamau(PFM) - Unnao(ON)[Via Unchahar(UCR), Dalmou(DMW)], ii) Unchahar(UCR) - Daryapur(DYP) - Raebareli(RBL)	LKO	BG		26	22	39	38	
37	i) Kanpur Central(CNB) - Lucknow(LKO) [Via. Unnao(ON)] [Excl. Kanpur Central(CNB)] ii) Bara Banki(BBK) - Lucknow(LKO) iii) Utraithia(UTR)-Alamnagar(AMG) Bypass Line [Via Transport Nagar(TPNR)]	LKO	BG	Electrified	27	23	40	39	
38	Laksar(LRJ) - Saharanpur(SRE) (For UP Line)	MB	BG	Electrified	28	24	41	40	
39	Laksar(LRJ) - Saharanpur(SRE) (For DN Line)	MB	BG	Electrified	29	25	42	41	
40	i) Moradabad (MB) - Chandausi(CH) [Via. Raja Ka Sahaspur(RJK)] ii) Raja Ka Sahaspur(RJK) - Sambhal Hatim Sarai(SHTS)	MB	BG		30	26	43	42	
41	Laksar(LRJ) - Haridwar(HW)	MB	BG		31	27	44	43	
42	Najibabad(NBW) - Kotdwara(KTW)	MB	BG		32	28	45	44	
43	Raiwala(RWL) - Rishikesh(RKSH)	MB	BG		33	29	46	45	
44	Haridwar(HW) - Dehradun(DDN)	MB	BG		34	30	47	46	
45	i) Moradabad(MB) - Gajraula(GJL) - Ghaziabad(GZB) ii) Muazzampur Narain(MZM) - Gajraula(GJL) [Via. Bijnor(BJO)]	MB	BG		35	31	48	47	
46	Khurja City(KJY) - Hapur(HPU) - Meerut City(MTC) [Excl. Khurja City(KJY)]	MB	BG	Electrified	36	32	49	48	
47	Lucknow(LKO) - Laksar(LRJ)	MB	BG	Electrified	37	33	50	49	
48	Rajpura(RPJ) - Bathinda(BTI) [Via. Dhuri(DUI)]	UMB	BG		38	34	51	50	
49	Ambala Cantt.(UMB) - Ludhiana(LDH)	UMB	BG	Electrified	39	35	52	51	
50	Ludhiana(LDH) - Dhuri(DUI) - Jakhai(JHL) - Hisar(HSR) [Excl. Ludhiana(LDH), Dhuri(DUI), Jakhai(JHL) & Hisar(HSR)]	UMB	BG		40	36	53	52	
51	Sri Ganga Nagar(SGNR) - Abohar(ABS) - Bathinda(BTI) [Excl. Bathinda(BTI) & Sri Ganga Nagar(SGN)]	UMB	BG		40(a)	36(a)	53(i)	52(a)	
52	i) Ambala(UMB) - Kalka(KLK) ii) Chandigarh(CDG) - Morinda(MRND) iii) New Morinda(MRND) - Sanahwal(SNL)	UMB	BG	Electrified	41	37	54	53	
53	Sirhind(SIR) - Nangal Dam(NLDM) - Una Himachal(UNA)	UMB	BG	Electrified	42	38	55	54	
54	Ambala(UMB) - Saharanpur(SRE)	UMB	BG	Electrified	43	39	56	55	
55	Kalka(KLK) - Shimla(SML) [N.G.]	UMB	NG		44	N2	57	56	

LEGEND ADOPTED IN THE DIAGRAMS.

Sl. No.	DESCRIPTION	CLASS OF LOADS	GROSS CLEARANCE	NET CLEARANCE
1	OVER ALL DIMENSIONS OF THE CONSIGNMENT LOADED ON WAGON (Permitted Out of Gauge Loads or ODC)	A	9" AND ABOVE	6" AND ABOVE
2	OVER ALL DIMENSIONS OF THE CONSIGNMENT LOADED ON WAGON (Excpetional Out of Gauge Loads or ODC)	B	6" AND MORE BUT LESS THAN 9"	3" AND MORE BUT LESS THAN 6"
3	OVER ALL DIMENSIONS OF THE CONSIGNMENT LOADED ON WAGON (Extraordinary Out of Gauge Loads or ODC)	C	LESS THAN 6"	LESS THAN 3" BUT NOT LESS THAN 1"
4	FIXED STRUCTURE LINE SHOWN THUS 			
5	GROSS CLEARANCE INCLUDES 3" TOWARDS LURCH ONLY			
6	ALL DIMENSIONS ARE IN mm AND IN BRACKET ARE fts - inches			

DIVISIONWISE NUMBER OF PROFILES

DIAGRAMS SHOWING

DIMENSIONS OF FIXED STRUCTURES

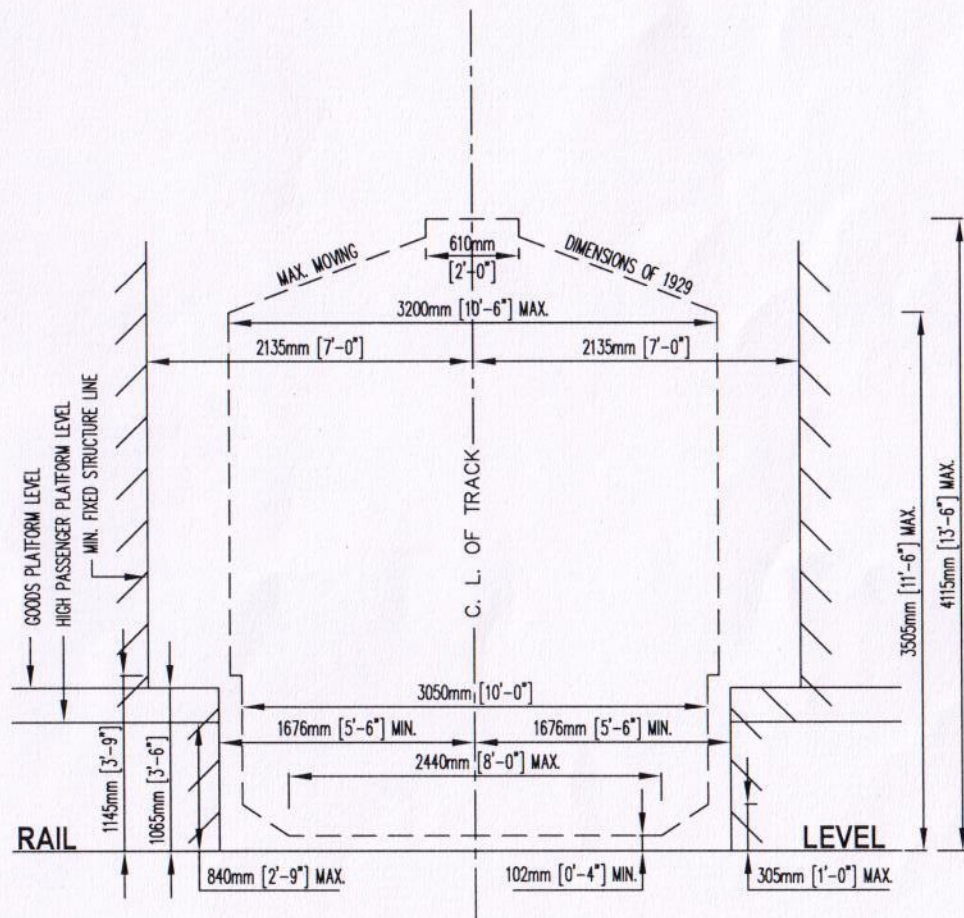
FOR MOVEMENT OF O.D.C.s

ON

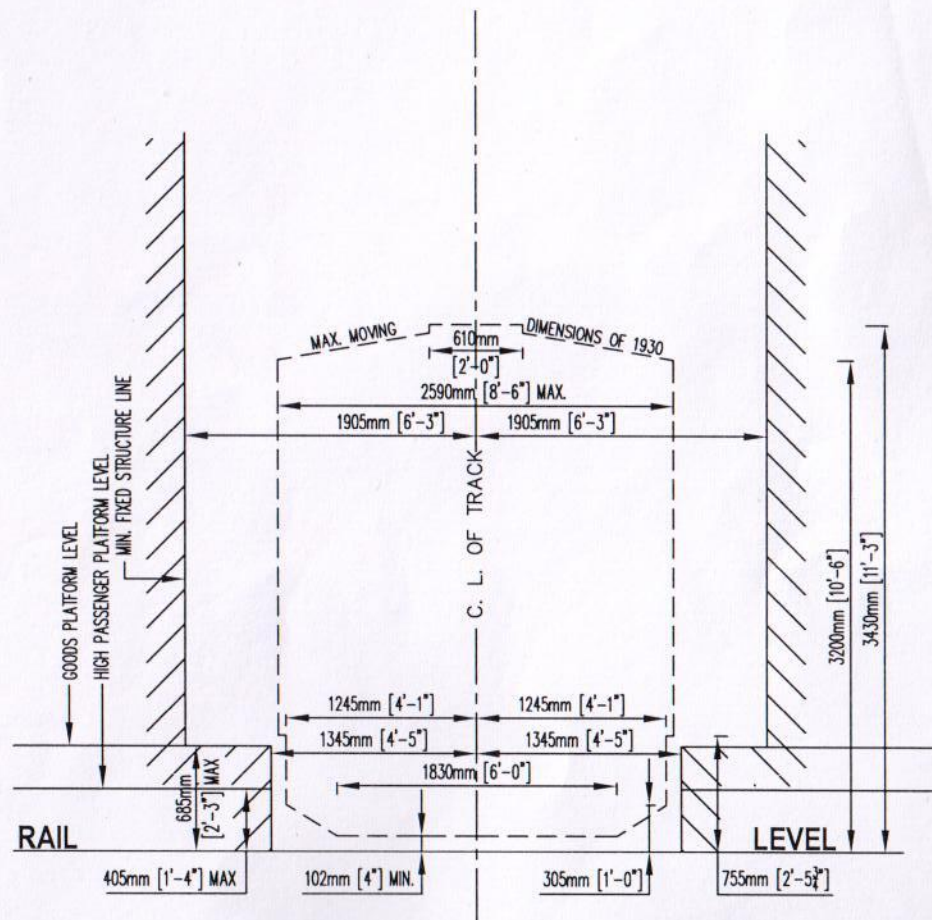
B.G., M.G. & N.G SECTIONS

DIVISION	ABBREVIATION	CORRECTED UPTO	NUMBER OF PROFILES
GENERAL		31-Mar-17	1
DELHI	DLI	31-Mar-17	12
FIROZPUR	FZR	31-Mar-17	12
LUCKNOW	LKO	31-Mar-17	4
MORADABAD	MB	31-Mar-17	10
AMBALA	UMB	31-Mar-17	8
TOTAL			47

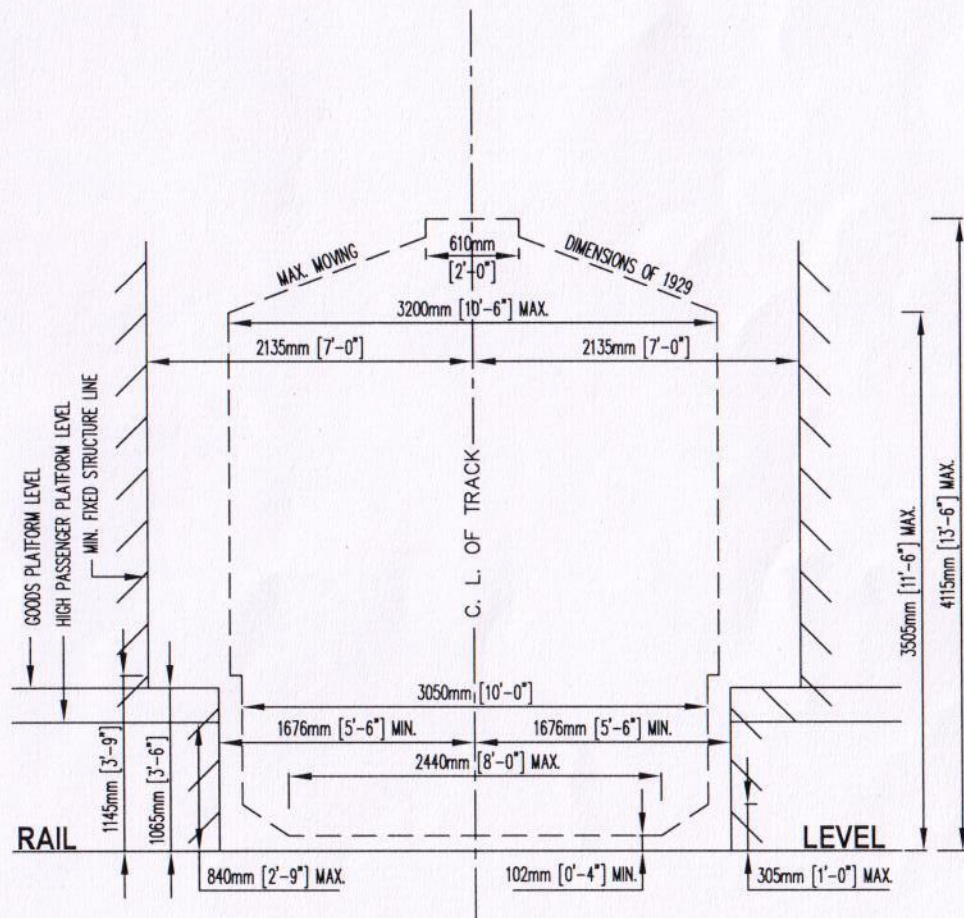
STANDARD MOVING DIMENSIONS OF 1929 B.G.



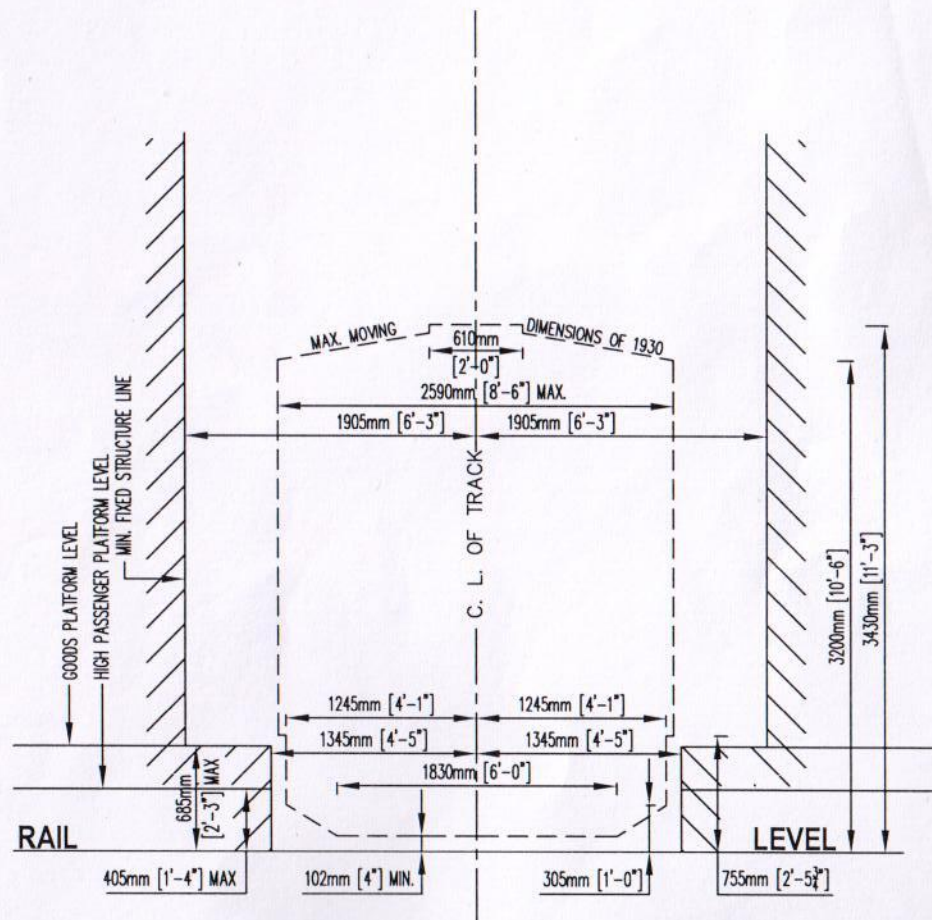
STANDARD MOVING DIMENSIONS OF 1930 M.G.



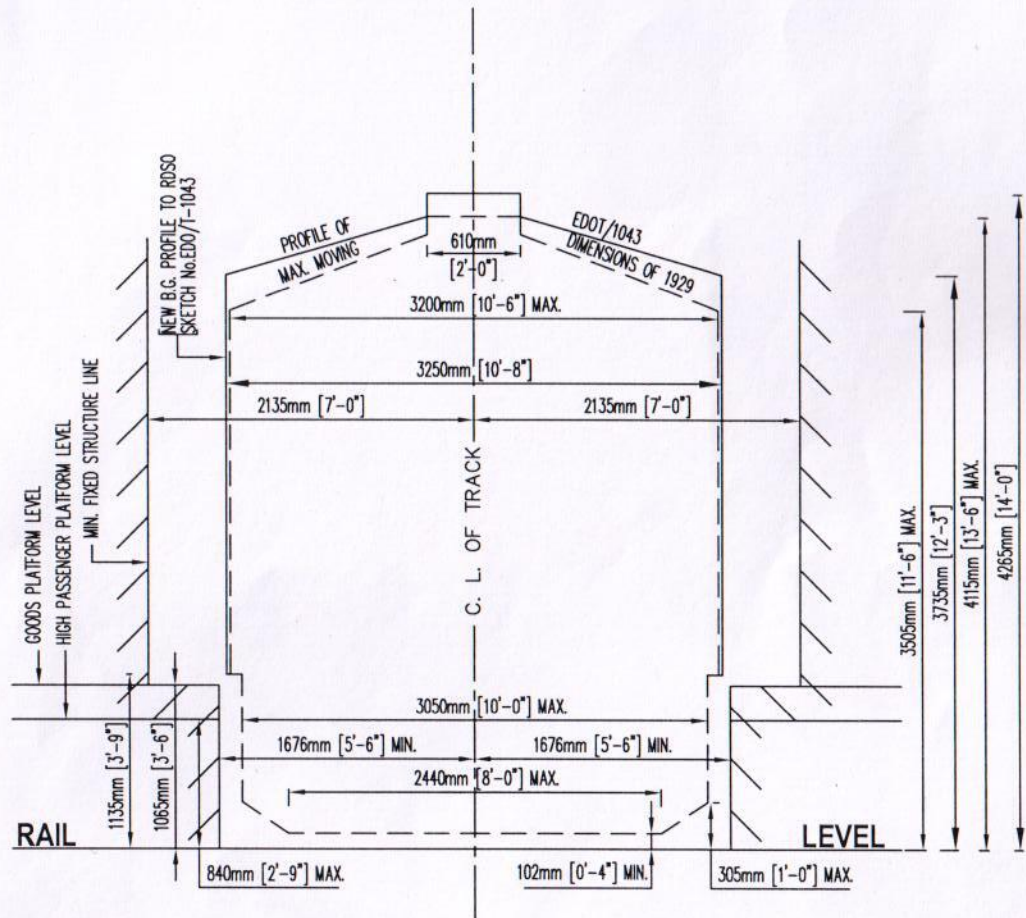
STANDARD MOVING DIMENSIONS OF 1929 B.G.



STANDARD MOVING DIMENSIONS OF 1930 M.G.



STANDARD MOVING DIMENSIONS OF 1929 B.G. AND NEW B.G. PROFILE TO RDSO's SKETCH No. EDO/T-1043



A COMMON SET OF INSTRUCTIONS / NOTES

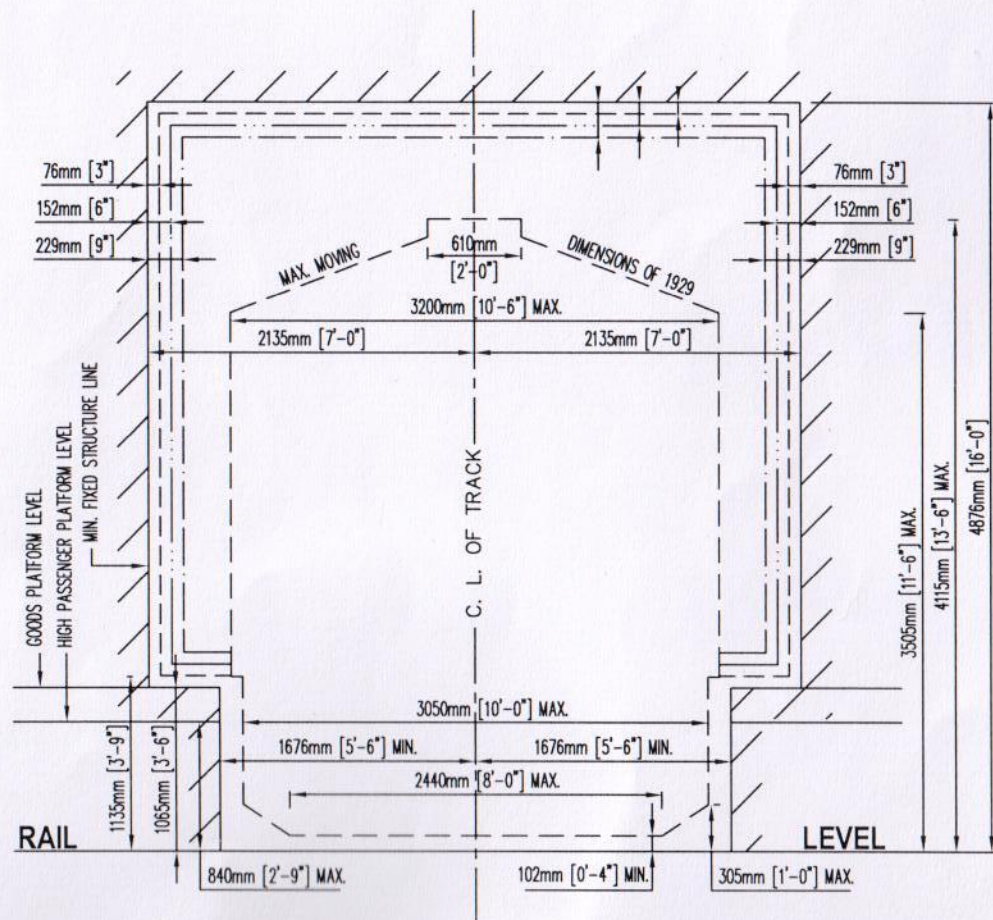
01. FIRM LINES SHOW THE MAXIMUM PROFILE OF 'A' CLASS LOADS.
02. CHAIN DOTTED LINES SHOW THE MAXIMUM PROFILE OF 'B' CLASS LOADS.
03. DOTTED LINES SHOW THE MAXIMUM PROFILE OF 'C' CLASS LOADS.
04. THE DIMENSIONS SHOWN ON THE DIAGRAM MAKE DUE ALLOWANCE FOR CURVATURE AS REQUIRED VIDE GENERAL MANAGER (ENGINEERING) CIRCULAR LETTER No. 842-W/O-Pt.III. DATED 20-05-1957.
05. SPEED OF THE TRAINS CARRYING 'A' CLASS LOADS MUST NOT EXCEED SECTIONAL SPEEDS UPTO WHICH TRAINS CARRYING FOUR WHEELERS ARE PERMITTED TO RUN ON THE SECTION, SUBJECT TO THE SPEED BEING LIMITED TO 30 kmph IN THE VICINITY OF FIXED STRUCTURES HAVING GROSS CLEARANCE OF LESS THAN 380mm(15").
06. SPEED OF THE TRAINS CARRYING THE LOAD MUST NOT EXCEED 40 kmph FOR 'B' CLASS LOADS DURING DAY AS WELL AS NIGHT AND 25 kmph FOR 'C' CLASS LOADS WHICH MUST BE FURTHER RESTRICTED TO 8 kmph WHILE PASSING STATION YARDS, CURVES AND TURNOUTS, CROSS OVER ETC. IN CASE OF 'B' AND 'C' CLASS LOADS, HOWEVER FOR NIGHT RUNNING OF THE 'B' CLASS O.D.C.'s THE FOLLOWING ADDITIONAL CONDITIONS SHALL BE OBSERVED.
 - a) SENIOR MOST ESCORTING OFFICIAL SHALL BE PROVIDED WITH THE DETAILS (NAME, KILOMETERAGE, DIAGRAM ETC.) OF ALL THOSE STRUCTURES FROM WHICH THE NET CLEARANCE IS LESS THAN 150mm. (6").
 - b) THE SENIOR MOST ESCORTING OFFICIAL WOULD BE MADE RESPONSIBLE TO ENSURE THAT THE CONSIGNMENT DOES NOT SHIFT FROM ITS POSITION ENROUTE.
 - c) AT THE APPROACH OF EACH OF THE STRUCTURES, WHERE THE NET CLEARANCE IS LESS THAN 150mm (6") THE TRAIN WOULD BE STOPPED AND THE CONSIGNMENT CHECKED TO SEE THAT THERE HAS BEEN NO SHIFTING FOR THIS PURPOSE FIVE CELL FLASH LIGHT SHALL BE PROVIDED TO THE SENIOR MOST ESCORTING OFFICIAL.
 - d) THE TRAIN WOULD BE REQUIRED TO PASS ALL SUCH STRUCTURES AT DEAD SLOW SPEED.
07. CONSIGNMENT WITH MORE THAN 3050mm (10'-0") WIDTH LOADED IN A B.R.U. MUST NOT BE ALLOWED TO PASS ON ANY LINE WITH HIGH LEVEL PLATFORM AT ANY STATION.
08. WHEN 'B' AND 'C' CLASS LOAD PASS ON ONE OF THE TRACKS NO OVER SIZED CONSIGNMENTS SHOULD PASS ON THE ADJACENT TRACK.
09. SPEED OF THE TRAINS CARRYING 'A' CLASS LOAD MUST NOT EXCEED 25 kmph FOR DURING DAY AS WELL AS AT NIGHT ON M.G. AND 16 kmph FOR N.G. SUBJECT TO ANY OTHER SPEED RESTRICTIONS ON THE SECTION.
10. THE SPEED OF THE TRAINS CARRYING 'B' CLASS LOADS MUST NOT EXCEED 25 kmph DURING DAY AS WELL AS AT NIGHT ON M.G. AND 12 kmph FOR N.G. WHICH MUST BE FURTHER RESTRICTED TO 8 kmph WHILE PASSEING THROUGH STATION YARDS, CURVES, TURNOUTS, CROSS OVERS, UNDER / OVER BRIDGE AND SEMI THROUGH TYPE GIRDER BRIDGES IN CASE OF 'B' CLASS LOADS, HOWEVER FOR NIGHT RUNNING OF THE 'B' CLASS O.D.C.'s ON M.G. THE FOLLOWING ADDITIONAL CONDITIONS SHALL BE OBSERVED SAME AS SHOWN ABOVE IN SERIAL NUMBER 6 a to d.
11. DURING PASSAGE OF LOADS ALL PLATFORMS SHALL BE KEPT CLEAR OF GOODS, PASSENGERS AND PARCELS AT LEAST FOR A DISTANCE OF ONE METRE FROM THE EDGE OF THE PLATFORMS. IF ANY PASSENGER TRAIN IS STANDING ON THE ADJECENT LINE AT ANY STATION, THE STATION MASTER SHALL ARRANGE TO LOOK THE DOOR OF PASSENGER TRAIN AND WARN THE PASSENGER TO REMAIN INSIDE THE TRAIN. HE SHALL ALSO ENSURE THAT NO PASSENGER IS STANDING OR MOVING ON THE ADJACENT LINES AND SHALL PILOT THE LOADED WAGON WITHIN THE STATION LIMIT.
12. INSTRUCTION CONTAINED IN THE RAILWAY BOARD's LETTER No. 81/WDO/SR/13 OF 21/7/1981 (REVISED) SHALL BE OBSERVED FOR MOVEMENT OF 130 TONNES B.W.S. WAGONS.

SCALE	1: 50
Thomson E.P.	Prem Prakash
COMPUTERISED BY	CORRECTED BY

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SUPDT/D.O.Engg.			DY. C.E./P&D

STANDARD PROFILE OF BG FOR GENERAL SECTIONS



S. No.	GENERAL SECTIONS	DIVN.
i	Kurukshetra(KKDE) - Narwana(NRW)	DLI
ii	Panipat(PNP) - Jind(JHI)	DLI
iii	Rohtak(ROK) - Panipat(PNP)	DLI
iv	Ghaziabad(GZB) - Saharanpur(SRE) [Via. Meerut City(MTC)]	DLI
v	Delhi Cantt.(DEC) - Dayabasti(DBSI)	DLI
vi	Delhi Shahdara(DSA) - Shamli(SMQL) - Saharanpur(SRE)	DLI
vii	Amritsar(ASR) - Atari(ATI)	FZR
viii	Firozpur Cantt(FZR) - Jalandhar City(JUC) [Via. Lohian Khas(LNK)]	FZR
ix	Batala(BAT) - Qadian(QDN)	FZR
x	Kotkapura(KKP) - Fazilka(FKA)	FZR
xi	Fazilka(FKA) - Firozpur Cantt.(FZR)	FZR
xii	Lohiankhas(LNK)-Phillaur(PHR) [Via. Nakodar(NRO)]	FZR
xiii	Qazigund(QG)-Baramulla(BRML)	FZR
xiv	Allahabad(ALD) - Phaphamau(PFM)	LKO
xv	Vyasnagar(VYN) - Jeonathpur(JEP) [Via. Chord]	LKO
xvi	Phaphamau(PFM) - Faizabad(FD) [Via.Partapgarh(PBH), Chilibila(CIL), Sultanpur(SLN)]	LKO
xvii	Phaphamau(PFM) - Zafarabad(ZBD) [Via. Janghai(JNH)]	LKO
xviii	Akbarpur(ABP) - Tanda(TD)	LKO
xix	Dalmau(DMW) - Daryapur(DYP)	LKO
xx	Harduaganj(HGJ) - Bareilly(BE) [Via. Chandausi(CH)]	MB
xxi	Unnao(ON) - Balamau(BLM)	MB
xxii	Rosa(RAC) - Sitapur City(SPC)	MB
xxiii	Balamau(BLM) - Sitapur City(SPC)	MB
xxiv	Una Himachal(UHL) - Churaru Takarala(CHDL)	UMB

NORTHERN RAILWAY ODC PROFILE (Annexure - I)

LEGEND

▲ ISOLATED SIDE STRUCTURES SUCH AS SIGNAL POSTS, TRESTLES OF FOOT OVER BRIDGE ETC.

S. No.	DIVISION	SECTION	KM	LOCATION	INFRINGEMENTS	DIMENSIONS	
						Above RL	From CL of track
1	DELHI	PANIPAT - JIND		ON THE ROUTE	BOTTOM OF ROB, ▲	4876 [16'-0"]	2135 [7'-0"]
		DELHI CANTT - DAYA BASTI		ON THE ROUTE	▲		2135 [7'-0"]
		ROHTAK - GOHANA		ON THE ROUTE	BOTTOM OF FOB's, ▲	4876 [16'-0"]	2135 [7'-0"]
		GHAZIABAD - SAHARANPUR (Via. MTC)					
		KURUKSHETRA - NARWANA					
2	LUCKNOW	PHAPHAMAU - FAIZABAD (Via. PBH, SLN)		ON THE ROUTE	BOTTOM OF FOB's, ▲	4876 [16'-0"]	2135 [7'-0"]
		AKBARPUR - TANDA					
3	FIROZPUR	JALANDHAR CITY - PATHANKOT (Via. MEX)		ON THE ROUTE	BOTTOM OF FOB's, ▲	4876 [16'-0"]	2135 [7'-0"]
		AMRITSAR - ATARI					
		FIROZPUR CANTT. - JALANDHAR CITY (Via. LNK)					
4	MORADABAD	UNNAO - BALAMAU		BALAMAU, MANDHOGANJ	FOB	4876 [16'-0"]	2135 [7'-0"]
		ROSA - SITAPUR CANTT (Via. SPC)		BALAMAU, NAIMISHARANYA, MAIGALGANJ	FOB	4876 [16'-0"]	2135 [7'-0"]
		BALAMAU - SITAPUR CITY		BAREILLY, CHANDAUSSI, BABRALA	BOTTOM OF FOB	4876 [16'-0"]	2135 [7'-0"]
		ALIGARH - CHANDAUSSI					

NORTHERN RAILWAY ODC PROFILE (Annexure - II)

NOTE 1 TO 8 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF INSTRUCTIONS / NOTES.

9 DELHI DIVISION

9.1 SECTION : PANIPAT - JIND

OVER SIZED LOAD SHOULD NOT BE ALLOWED TO PASS OVER THE GOODS SHED LINE AT SAFIDON

9.2 SECTION : DELHI CANTT - DELHI DAYA BASTI

THE LOAD MUST AVOID RAISED PLATFORM LINES AT ALL STATIONS ON THIS SECTION.

9.3 SECTION : GHAZIABAD - SAHARANPUR (VIA MTC)

OVER SIZED LOADS SHOULD NOT BE TAKEN ON THE FOLLOWING LINES

- a) MAIN & ISLAND PASSENGER PLATFORM LINES ON A/C OF PASSENGER SHELTERS AT MUZAFFAR NAGAR.
- b) PASSENGER PLATFORM LINE No.5 AT SAHARANPUR
- c) GOODS PLATFORM SHED LINE AT GHAZIABAD.
- d) ALL TRANSIT & GOODS SHED ON GHAZIABAD - SARAHANPUR SECTION.

10 LUCKNOW DIVISION

10.1 SECTION : PHAPHAMAU - FAIZABAD (Via. PBH, SLN)

THE LOAD MUST AVOID PLATFORM LINES DUE TO IRS TYPE SHEDS AT

- a) BHUPIAMAU - LINE No.1
- b) MAUAIMMA - LINE No.1
- c) PARTAPGARH - LINE No 3 & 4.
- d) SULTANPUR - LINE No. 1, 2 & 3.

10.2 SECTION : PHAPHAMAU - ZAFRABAD (Via. JNH)

THE LOAD MUST AVOID PLATFORM LINES DUE TO IRS TYPE SHEDS AT

- a) PHULPUR - LINE No.1

THE LOAD MUST PASS JNH BY PASS LINE No.2 ONLY.

10.3 SECTION : DALMAU - DARYAPUR

THE LOAD MUST AVOID PLATFORM LINES DUE TO IRS TYPE SHEDS AT

- a) DALMAU - LINE No.1

11 MORADABAD DIVISION

11.1 SECTION : ROZA - SITAPUR CANTT (Via. SPC) & BALAMAU - SITAPUR CITY

THE LOADS MUST AVOID PLATFORM LINES DUE TO HIGH LEVEL PLATFORM IRS TYPE OF SHED AT

- a) SITAPUR CITY - LINE No.1
- b) SITAPUR CANTT - LINE No.1
- c) NAIMISHARANYA - LINE No.1
- d) MISRIKH TIRATH - LINE No.1
- e) MAHOLI - LINE No.1

THE FOLLOWING PRECAUTIONS ARE TO BE OBSERVED DURING THE TRANSPORT
THE LOAD MUST PASS:-

- a) SITAPUR CITY - LINE No.2
- b) SITAPUR CANTT - LINE No.2
- c) NAIMISHARANYA - LINE No.2
- d) MISRIKH TIRATH - LINE No.2
- e) MAHOLI - LINE No.2

11.2

SECTION : ALIGARH - BAREILLY (Via. CHANDAUSI)

THE LOAD MUST AVOID PLATFORM LINES DUE TO IRS TYPE SHEDS AT

- a) BAREILLY - LINE No.5 OF COACHING YARD
- b) BAHJOI
- c) BABRALA
- d) RAJGHAT NARORA
- e) DIBAI

THE FOLLOWING PRECAUTIONS ARE TO BE OBSERVED DURING THE TRANSPORT

THE LOAD MUST PASS BY LINE No.2 AT BAHJOI, BABRALA, RAJGHAT NARORA & DIBAI.

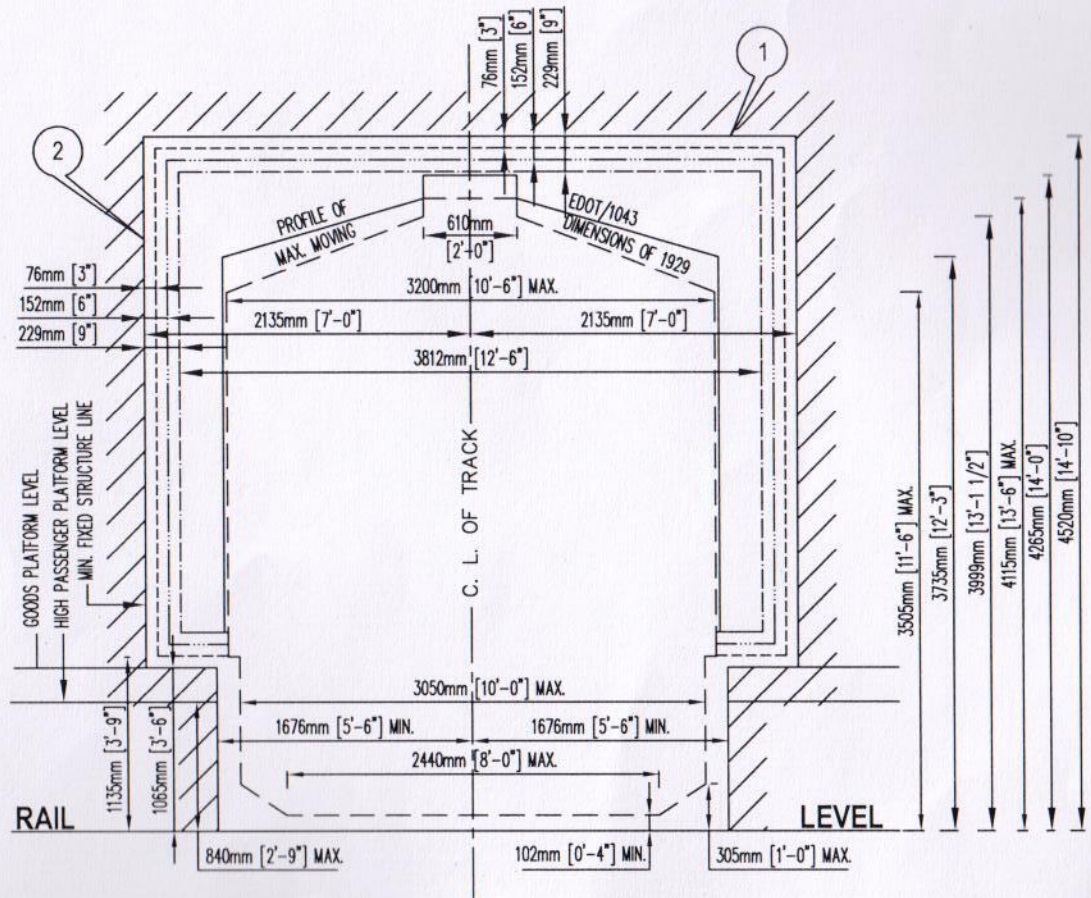
DIVISION : DELHI

SECTION : DELHI(DLI) - REWARI(RE)[Excl. REWARI(RE)] For BG Line

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	DELHI MAIN YARD	-	DUFFERIN R.O.B.	4520 [14'-10"]	-
2	ON THE ROUTE	-	ISOLATED SIDE STYRUCTURES SUCH AS SIG. POSTS & TRESTLES OF F.O.B. ETC.	-	2135 [7'-0"]
3	DELHI CANTT. AND GARHI HARSARU	-	PASSENGER P.F. SHELTER ON P.F. No.2 & 3.	SEE ANNEXURE	
4	DUFFERIN ROB	-	MIN. HEIGHT OF CONTACT WIRE (DEAD SECTION)	4460 [14'-7 1/2"]	

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- THE LOAD MUST AVOID RAISED PLATFORM LINES OF ALL THE STATIONS
- GARI HARSARU(GHH) ISLAND PLATFORM 2 & 3 HAVE BEEN RAISED. THIS RESTRICT THE MOVEMENT OF O.D.C. ON B.G. MAIN LINE AND B.G. LOOP LINE.
- PALAM(PM) ISLAND PLATFORM 2 & 3 HAVE BEEN RAISED. THIS RESTRICT THE MOVEMENT OF O.D.C. ON LINE No.3 (B.G. MAIN LINE), LINE No.4 (B.G. LOOP LINE) & LINE No.5 IS ON GOODS PLATFORM.
- TRACK CENTER BETWEEN PTNR - DEC AT Km. 11/2-3 UNDER ROB NEAR FCI IS AS UNDER :-
 - BETWEEN EXISTING NORTH LINE & SOUTH LINE IS 4400mm.
 - BETWEEN EXISTING SOUTH LINE & PROPOSED NEW UP LINE IS MIN. 4730mm.



SECTION : REWARI(RE) - DELHI(DLI)[Excl. REWARI(RE)] (Annexure)

LINES TO BE AVOIDED

S. No.	STATION	PF SHED & OTHERS	PRESCRIBED MAX. & MIN. DIMENSIONS IN mm.	EXISTING ACTUAL DIMENSION IN mm.	AMOUNT OF INFRINGEMENTS	REMARKS
1	DELHI CANTT.	PF SHED ON LINE No.2 & 3	MIN HOR. DISTANCE OF ANY BUILDING ON A PASSENGER PF FROM CL OF TRACK - FROM 3430 ABOVE RL TO 4115 ABOVE RL = 5330 DECREASING UNIFORMLY TO 3810	6276 DECREASING 1850	0mm TO 1960mm	
2	GARHI HARSARU	PF SHED ON LINE No.2 & 3	MIN HOR. DISTANCE OF ANY BUILDING ON A PASSENGER PF FROM CL OF TRACK - FROM 3430 ABOVE RL TO 4115 ABOVE RL = 5330 DECREASING UNIFORMLY TO 3811	5420 TO 1900	0mm TO 1910mm	
3	DELHI SARAI ROHILLA	LINE No.6	BG MAIN LINE AT DEE IS LAID ON WASHABLE APRON ON WOODEN BLOCKS WHICH IS PLATFORM LINE			ODC SHOULD BE AVOIDED & PASS THROUGH LINE No.8

Corrected upto 31-03-2017

Computerised by:
THOMSON C.F.

Corrected by:
PREM PRAKASH

Sujat
Dy.CHIEF ENGINEER / P & D

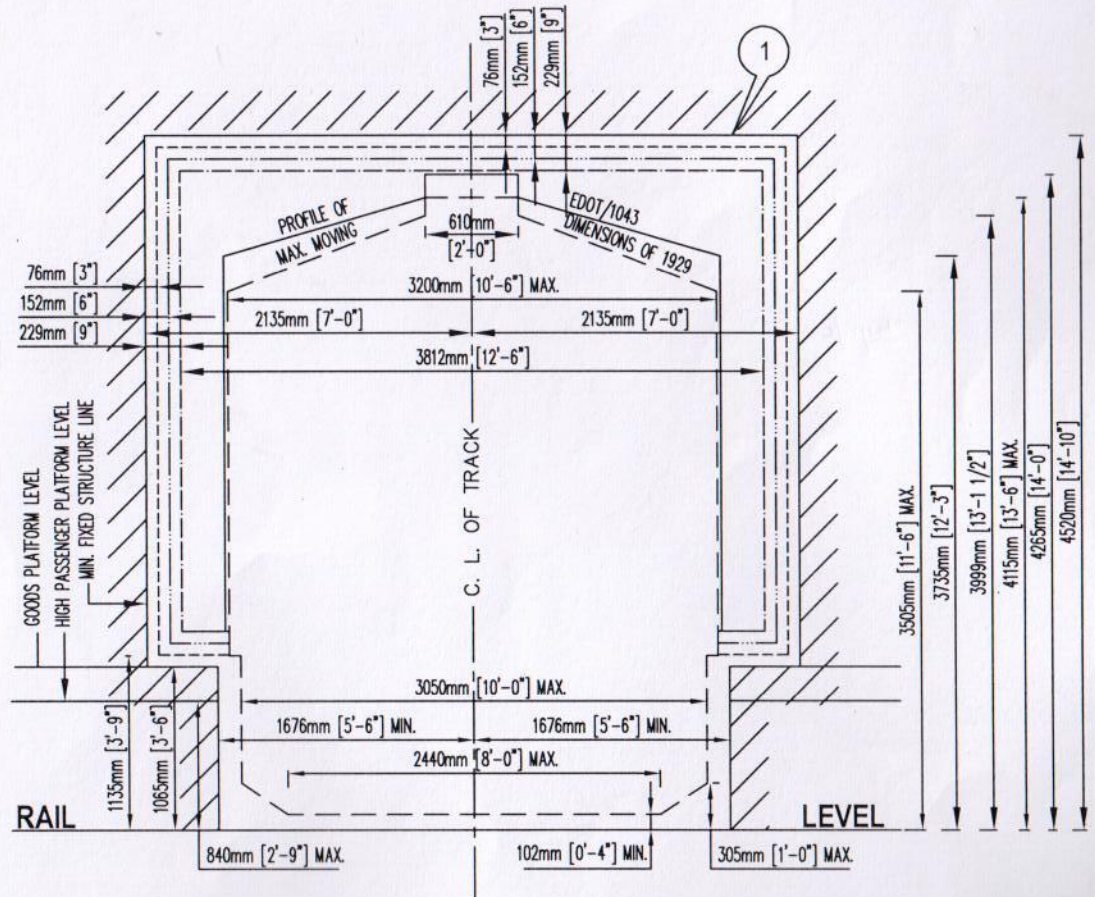
DIVISION : DELHI

SECTION : DELHI SARAI ROHILLA(DEE) - REWARI(RE)[Excl. REWARI(RE)]

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	ON THE ROUTE	-	ISOLATED SIDE STRUCTURES SUCH AS SIGNAL POSTS & TRESTLES OF FOB, ETC.	4520 [14'-10"]	2135 [7'-0"]
2	ROB	20/44-43	MIN. HEIGHT OF CONTACT WIRE	5200 [17'-0 3/4"]	

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- THE LOAD MUST AVOID PLATFORM LINES DUE TO I.R.S. TYPE SHEDS AT DELHI & REWARI ON DELHI-REWARI SECTION.
- THE LOAD MUST AVOID RAISED PLATFORM LINE OF ALL STATIONS ON THESE SECTIONS.
- THE PLATFORM SHOULD BE KEPT CLEAR ON THE FOLLOWING STATIONS WHILE PASSING THE LOAD DUE TO RAISED PLATFORM AT INCHAPURI(IHP) ON DELHI - REWARI SECTION.



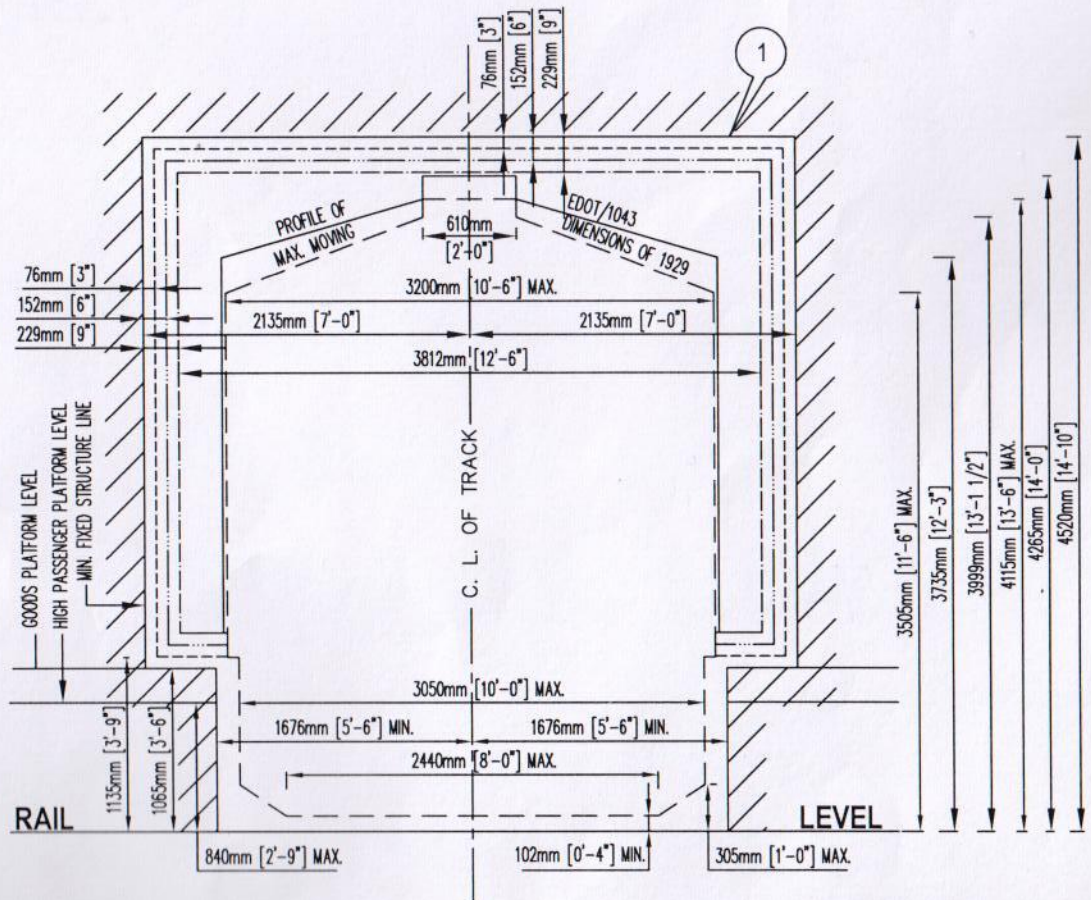
DIVISION : DELHI

SECTION : (i) GHARI HARSARU(GHH) - FARUKH NAGAR(FN)

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	ON THE ROUTE	-	ISOLATED SIDE STRUCTURES SUCH AS SIGNAL POSTS & TRESTLES OF FOB, ETC.	4520 [14'-10"]	2135 [7'-0"]

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- THE LOAD MUST AVOID RAISED PLATFORM LINE OF ALL STATIONS ON THESE SECTIONS.



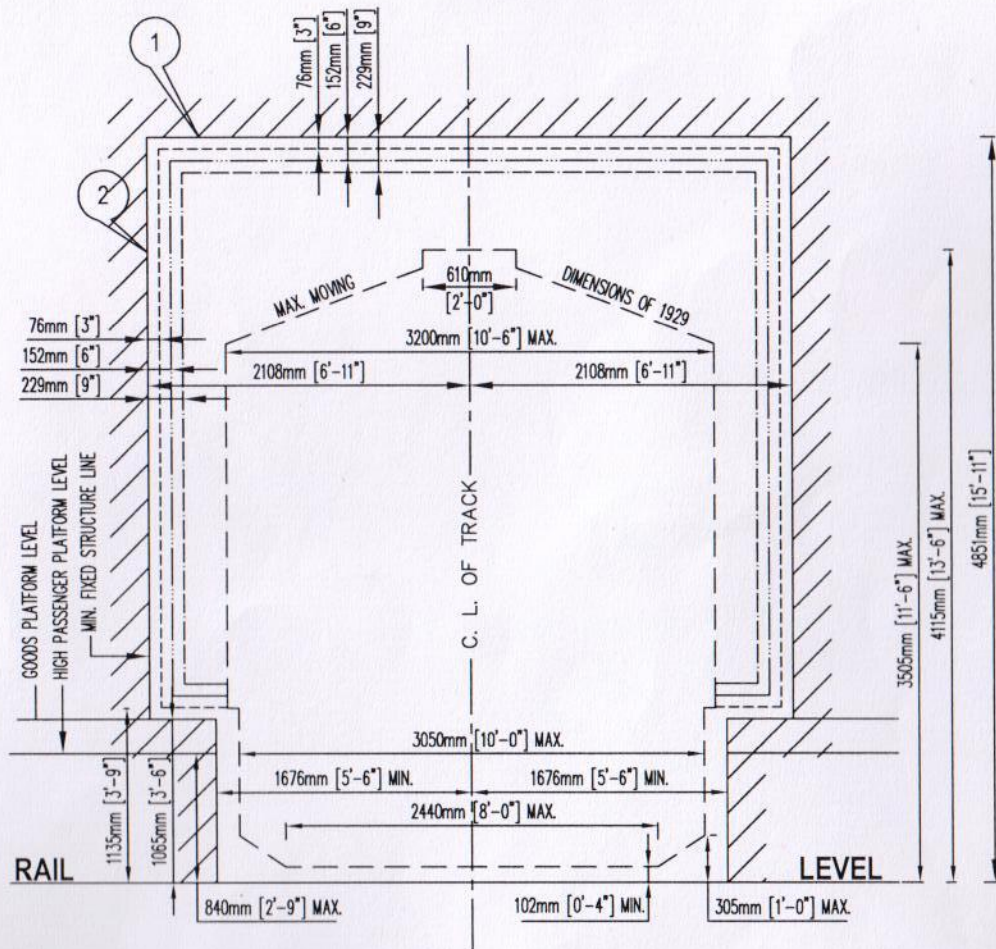
DIVISION : DELHI

SECTION : SHAKURBASTI(SSB) - BATHINDA(BTI)

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	ON THE ROUTE	-	BOTTOM OF FOB's	4851 [15'-11"]	-
2	JAKHAL & NARWANA	-	ISOLATED SIDE STRUCTURES SUCH AS SIGNAL POSTS & TRESTLES OF FOB's, ETC.	-	2108 [6'-11"]
3	MGLP - ROB	13/15-17	MIN. HEIGHT OF CONTACT WIRE UNDER ROB	5230 [17'-2"]	-
4	ISM - ROB	50/27-28	MIN. HEIGHT OF CONTACT WIRE UNDER ROB	5100 [16'-8 3/4"]	-
5	ROB - DN LINE (BTI END)	125/24-26	MIN. HEIGHT OF CONTACT WIRE	5390 [17'-8 1/4"]	-
6	FOB - LINE No. 2 (ROK END)	126/42-127/2	MIN. HEIGHT OF CONTACT WIRE	5390 [17'-8 1/4"]	-

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- OVER SIZED LOAD SHOULD NOT BE TAKEN ON THE FOLLOWING LINES:- (i) COVERED PLATFORM LINES ON THE SECTION, (ii) LINE No.8 GOODS YARD PLATFORM LINE No.1, 3&4 AND SCISSORS CROSS OVER AT BATHINDA, (iii) ISLAND PASSENGER PLATFORM LINES AT JAKHAL & ROHTAK DUE TO PASSENGER SHELTER.



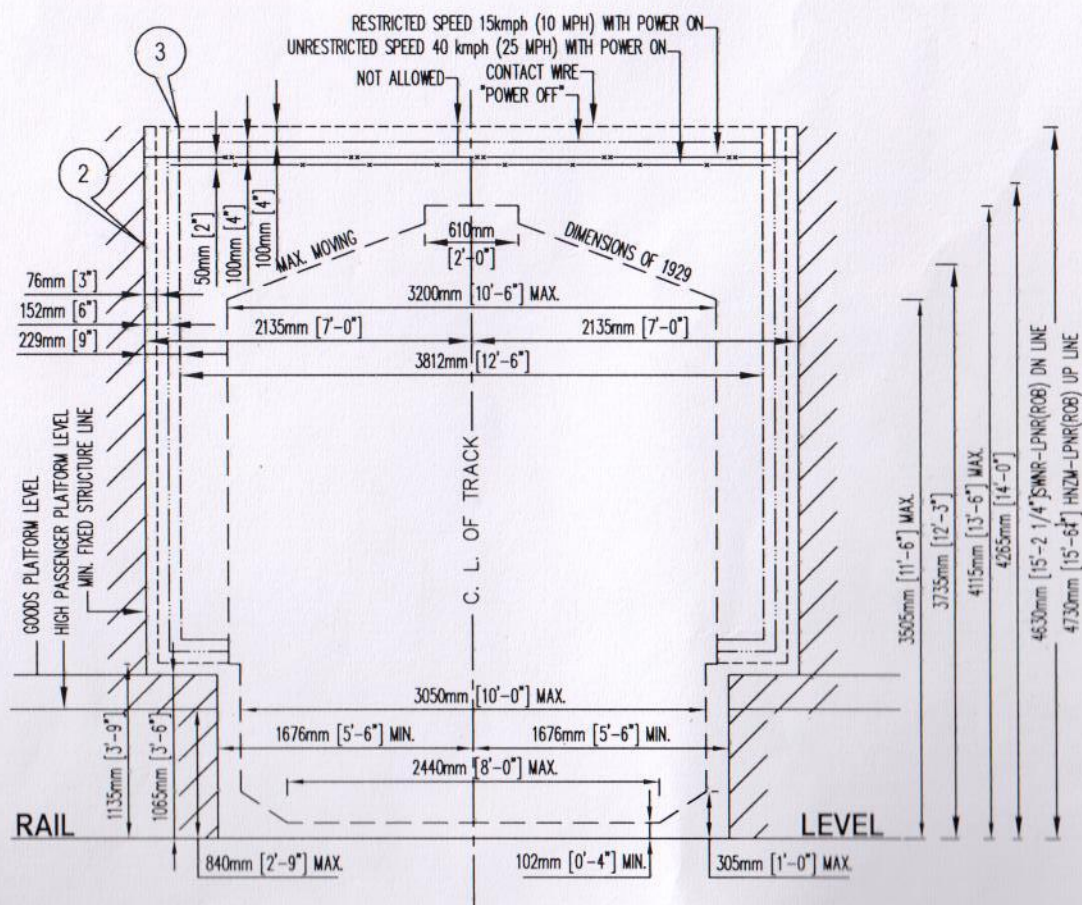
DIVISION : DELHI

SECTION : HAZRAT NIZAMUDDIN(HNZM) - DELHI SAFDARJUNG(DSJ) - PATEL NAGAR(PTNR)

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	HNZM - LPNR (ROB)	1/11-15 1/12-14	MIN. HEIGHT OF CONTACT WIRE UNDER LPNR - SWNR, ROB NEAR DEFENCE COLONY (UP LINE) MIN. HEIGHT OF CONTACT (DN LINE)	4730 [15'-6 $\frac{1}{2}$ "] 4670 [15'-3 $\frac{3}{4}$ "]	-
2	ON THE ROUTE	-	ISOLATED SIDE STRUCTURES SUCH AS SIGNAL POSTS & TRESTLES OF FOB, ETC.	-	2135 [7'-0"]
3	LPNR - SWNR (ROB)	2/17-19 2/18-20	MIN. HEIGHT OF CONTACT WIRE UNDER ROB (UP LINE) MIN. HEIGHT OF CONTACT WIRE (DN LINE)	4810 [15'-9 $\frac{1}{4}$ "] 4630 [15'-2 $\frac{1}{4}$ "]	-

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.



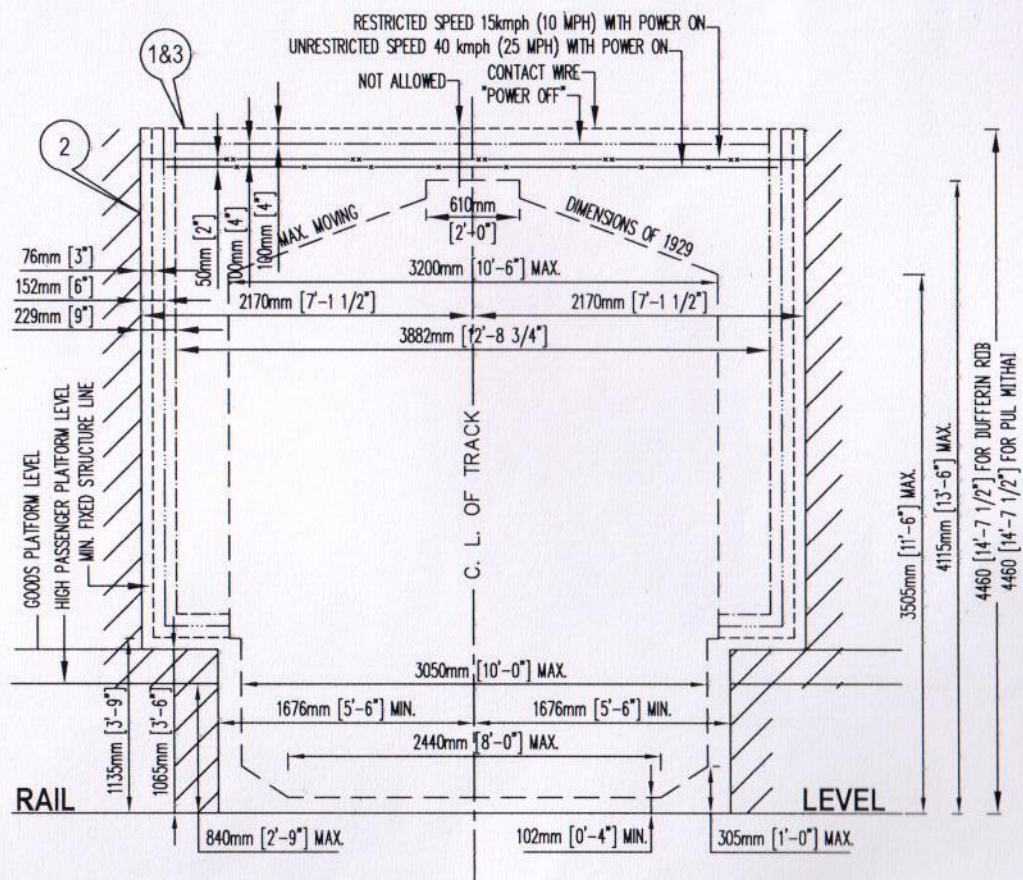
DIVISION : DELHI

**SECTIONS : (i) NEW DELHI(NDLS) - DELHI(DLI) - GHAZIABAD(GZB) [Via. Delhi Shahdara(DSA)]&
(ii) DELHI(DLI) - DELHI KISHAN GANJ(DKZ)**

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	SZM/DKZ-DLI (DUFFERIN ROB)	3188-3189	HEIGHT OF CONTACT WIRE (DEAD SECTION)	4460 [14'-7 1/2"]	-
2	ON THE ROUTE	-	ISOLATED SIDE STRUCTURES SUCH AS SIGNAL POSTS & TRESTLES OF FOB, ETC.	-	2170 [7'-1 1/2"]
3	SZM/DKZ-DLI(ROB PUL MITHAI)	1/11-13 1/12-14	HEIGHT OF CONTACT WIRE (DEAD SECTION) UP M/L DN M/L	4470 [15'-3"] 4460 [14'-8"]	-
4	ROB	9/1-3	HEIGHT OF CONTACT WIRE	5000 [16'-5"]	-

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- OVER SIZED LOADS SHOULD NOT BE TAKEN ON THE FOLLOWING LINES:-
 - INWARD & OUTWARD GOODS SHED LINES & PASSENGER PLATFORM SHED LINES AT DELHI.
 - LINE Nos. 1, 14, 15 & PASSENGER SHED LINES AT DELHI.
 - THE END PILLAR OF THE SHED BETWEEN LINE Nos. 4 & 5 TOWARDS LINE No. 5 AND MASONRY PROJECTIONS OF TWO CORNER PILLARS OF PASSENGER SHELTER PLATFORM No.1 AT GHAZIABAD.
 - SIDING TO HAMILTON ROAD GOODS SHED UNDER THE DUFFERIN BRIDGE (HEIGHT FROM RL TO UNDER SIDE OF GIRDER 4407 [14'-5 1/2"]
 - GOODS PLATFORM SHED LINE AT GHAZIABAD.
 - ALL TRANSIT & GOODS SHED LINES ON DLI-GZB.
- MINIMUM HORIZONTAL DISTANCE OF ABUTMENT OF QUEENS ROAD BRIDGE No.2 IS 2178 [7'-1 1/2"] THIS WIDTH 2" SUPE ELEVATION, HENCE THE CLEARANCE AFTER MAKING ALLOWANCE FOR CURVATURE COMES TO 2051 [6'-8 3/4"]



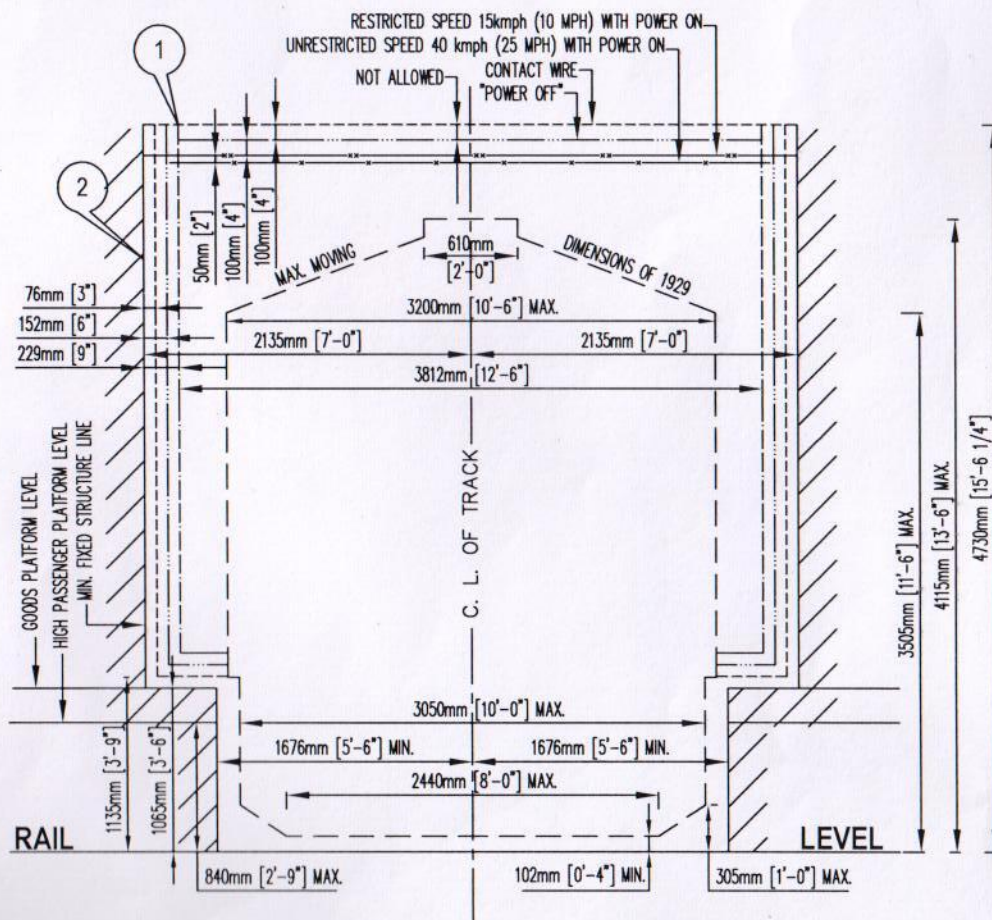
DIVISION : DELHI

SECTION : PATEL NAGAR(PTNR) - SHAKURBASTI(SSB) [Via. Delhi Avoiding Line (DAL)]

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	ROB / RING ROAD	8/30-32	HEIGHT OF CONTACT WIRE	4730 [15'-6 $\frac{1}{4}$ "]	-
2	ROB / RING ROAD	-	ISOLATED SIDE STRUCTURES SUCH AS SIGNAL POSTS & TRESTLES OF FOB, ETC.	-	2135 [7'-0"]

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.



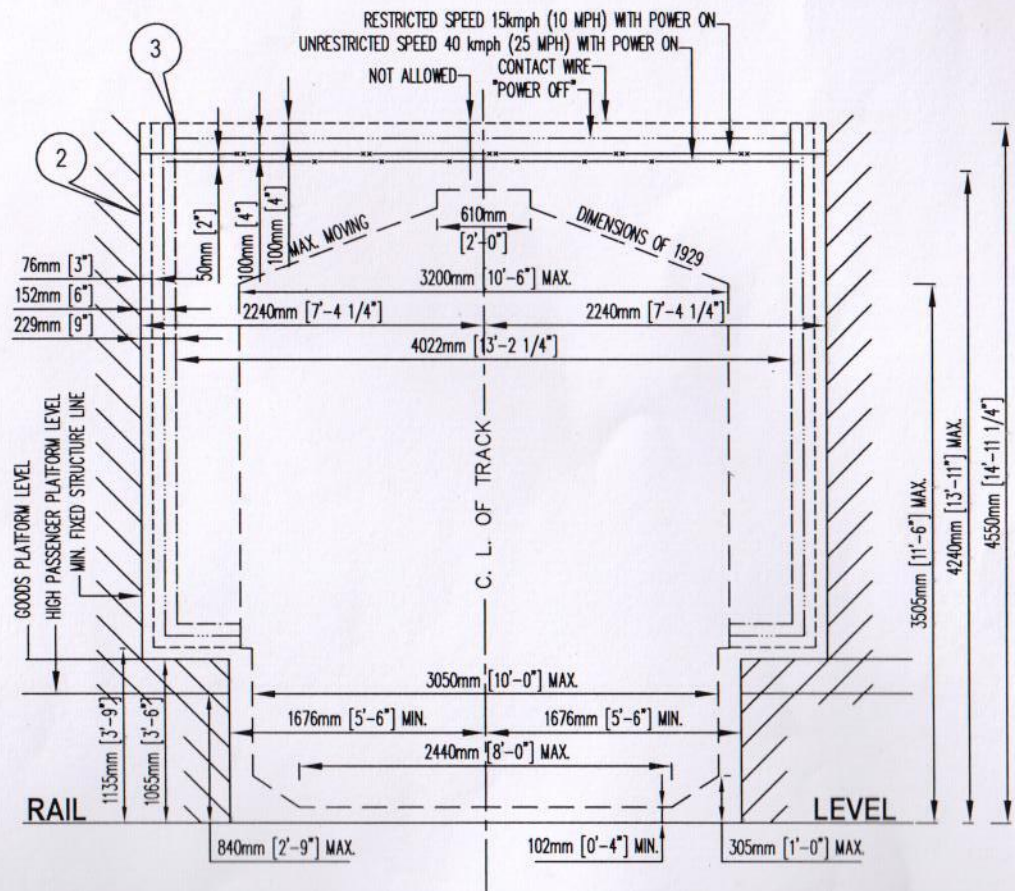
DIVISION : DELHI

SECTION : PATEL NAGAR(PTNR) - NEW DELHI(NDLS) [Via. RING RAILWAY]

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	PULL BANGASH ROB	1/50-52	MINIMUM HEIGHT OF CONTACT WIRE	4660 [15'-3 $\frac{1}{2}$ "	-
2	ON THE ROUTE	-	ISOLATED SIDE STRUCTURES SUCH AS SIGNAL POSTS & TRESTLES OF FOB, ETC.	-	2240 [7'-4 $\frac{1}{4}$ "
3	PULL BANGASH ROB	1/49-51	MINIMUM HEIGHT OF CONTACT WIRE	4550 [14'-11 $\frac{1}{4}$ "	-

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- MIN. HORIZONTAL DISTANCE OF MAST IN NDLS YARD AT L/C No. 1139/NDLS IS 2170mm.

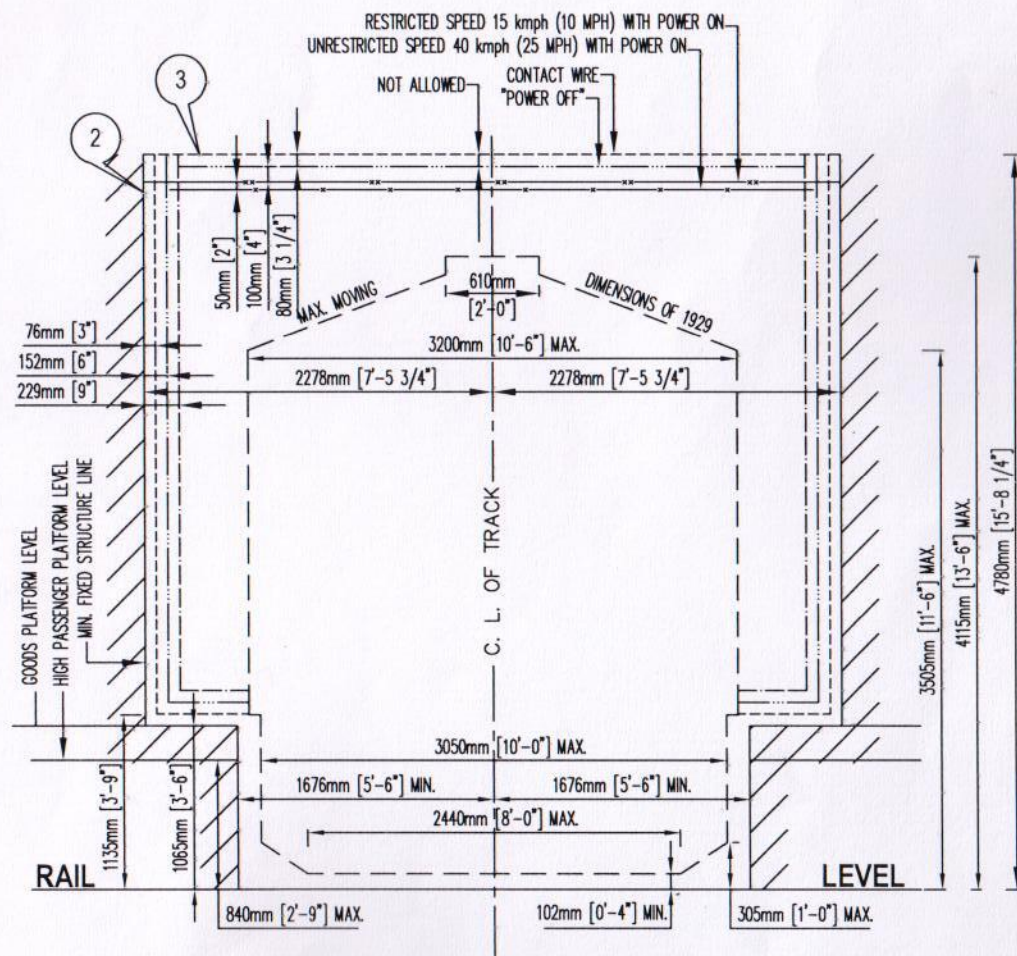


DIVISION : DELHI
SECTION : NEW DELHI(NDLS) - HAZRAT NIZAMUDDIN(HNZM) - TUGHLAKABAD(TKD) - PALWAL(PWL)

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	OKA-HNZM / ROB	1528/39-1529/3	MINIMUM HEIGHT OF CONTACT WIRE	4890 [16'-0 1/2"]	-
2	HNZM / ROB	1529/3	ISOLATED SIDE STRUCTURES SUCH AS SIGNAL POSTS & TRESTLES OF FOB, ETC.	-	2278 [7'-5 3/4"]
3	OKA-HNZM / ROB	1529/2G-2G	MINIMUM HEIGHT OF CONTACT WIRE	4780 [15'-8 1/4"]	-
4	FDN-FDB / ROB	1507/12-14	MINIMUM HEIGHT OF CONTACT WIRE	5030 [16'-6"]	-

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- MIN. HORIZONTAL DISTANCE OF MAST IN TKD YARD AT LOC No. URD5-A, UDR-5A & 1111-A IS 2130, 2120 AND 2140 RESPECTIVELY.



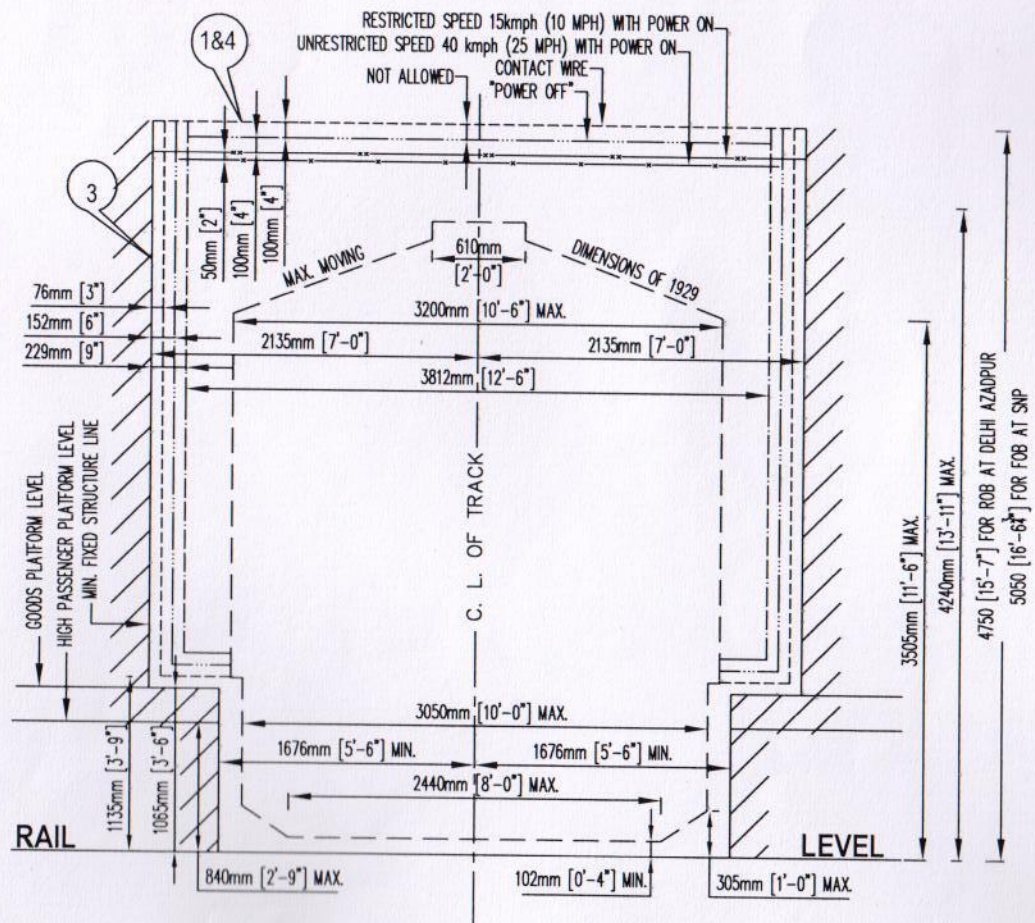
DIVISION : DELHI

SECTION : SUBZIMANDI(SZM) - PANIPAT(PNP)

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	ROB AT DELHI AZADPUR	7/34-38	MINIMUM HEIGHT OF CONTACT WIRE	4750 [15'-7"]	-
2	ROB AT OUTER RING ROAD DELHI	11/13-15	MINIMUM HEIGHT OF CONTACT WIRE	5090 [16'-8½"]	-
3	ON THE ROUTE	-	ISOLATED SIDE STRUCTURES SUCH AS SIGNAL POSTS & TRESTLES OF FOB, ETC.	-	2135 [7'-0"]
4	SNP - FOB	42/24-26	MINIMUM HEIGHT OF CONTACT WIRE	5050 [16'-6¾"]	-

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- THE LOAD MUST AVOIDS ON RAISED PLATFORMS LINE OF ALL THE STATIONS.



SCALE	1: 50
Thomson C.F.	Prem Prakash
COMPUTERISED BY	CORRECTED BY

SUPDT/D.O.Engg.	DT CEE/TRD	DT C.E./P&D
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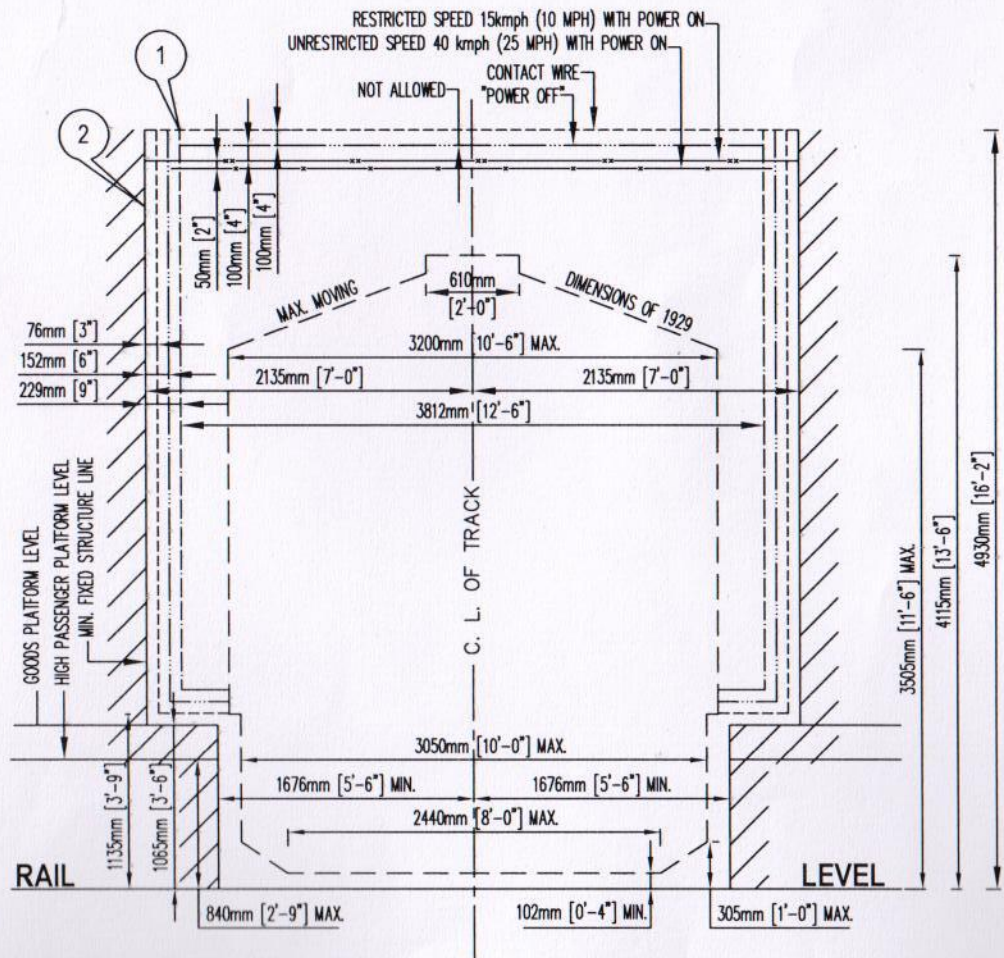
DIVISION : DELHI

SECTION : PANIPAT(PNP) - KARNAL(KUN) - AMBALA CANTT.(UMB)

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	ROB BETWEEN PANIPAT-BABARPUR	88/35A-37A	MINIMUM HEIGHT OF CONTACT WIRE	4930 [16'-2"]	-
2	ON THE ROUTE		ISOLATED SIDE STRUCTURES SUCH AS SIGNAL POSTS & TRESTLES OF FOB, ETC.	-	2135 [7'-0"]
3	KUN - ROB	121/37-122-01	MINIMUM HEIGHT OF CONTACT WIRE	5500 [18'-0½"]	-

NOTES:-

1. NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.



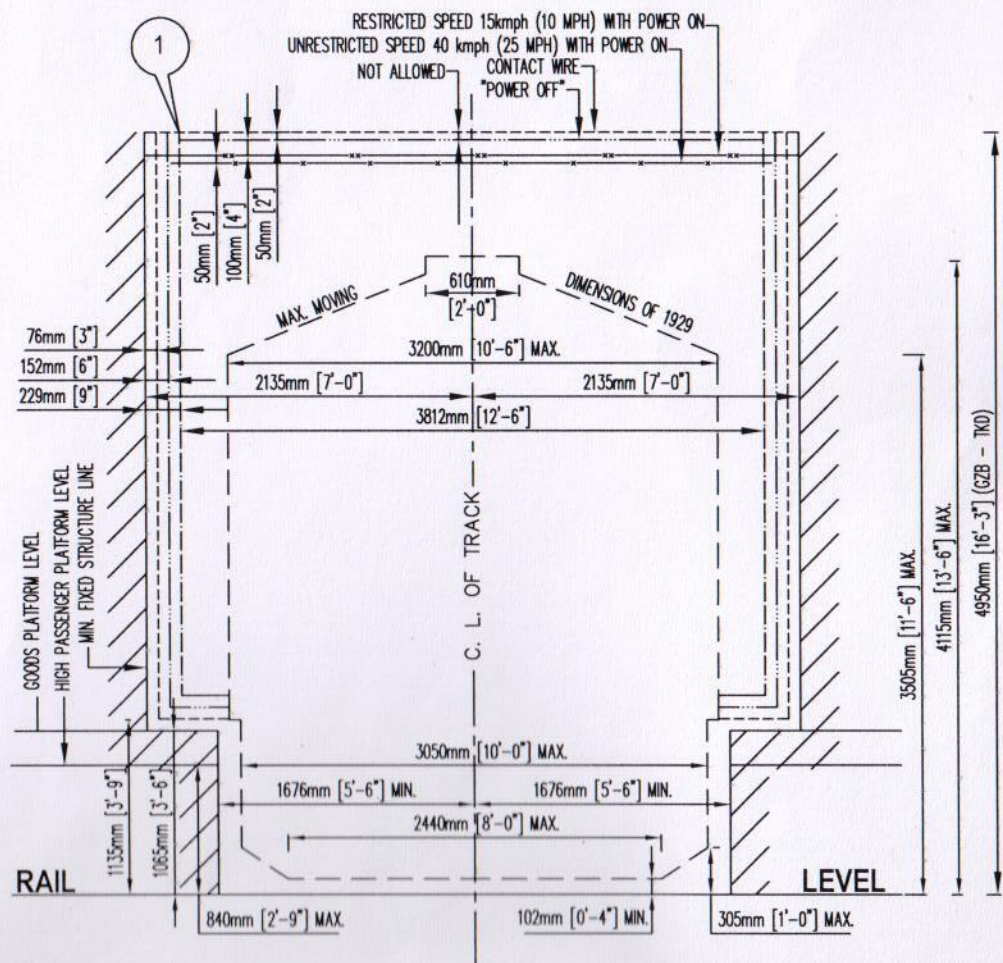
DIVISION : DELHI

**SECTIONS : (i) GHAZIABAD(GZB) - TUGHLAKABAD(TKD) [Via. Goods Avoiding Line(GAL)]
(ii) GHAZIABAD(GZB) - TILAK BRIDGE(TKJ)**

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	ROB / HN2M	1529/2-4	HEIGHT OF CONTACT WIRE	4950 [16'-3"]	-
2	ROB / PANEL 'B'		HEIGHT OF CONTACT WIRE	5050 [16'-7"]	-
3	ON THE ROUTE	-	ISOLATED SIDE STRUCTURES SUCH AS SIGNAL POSTS & TRESTLES OF FOB, ETC.	-	2135 [7'-0"]
4	ROB	3/2G-4G	HEIGHT OF CONTACT WIRE	4970 [16'-4"]	-
5	SBB-GZB/ROB	14/8A-14/20A	HEIGHT OF CONTACT WIRE 1st M/L	5040 [16'-6 1/2"]	-

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.



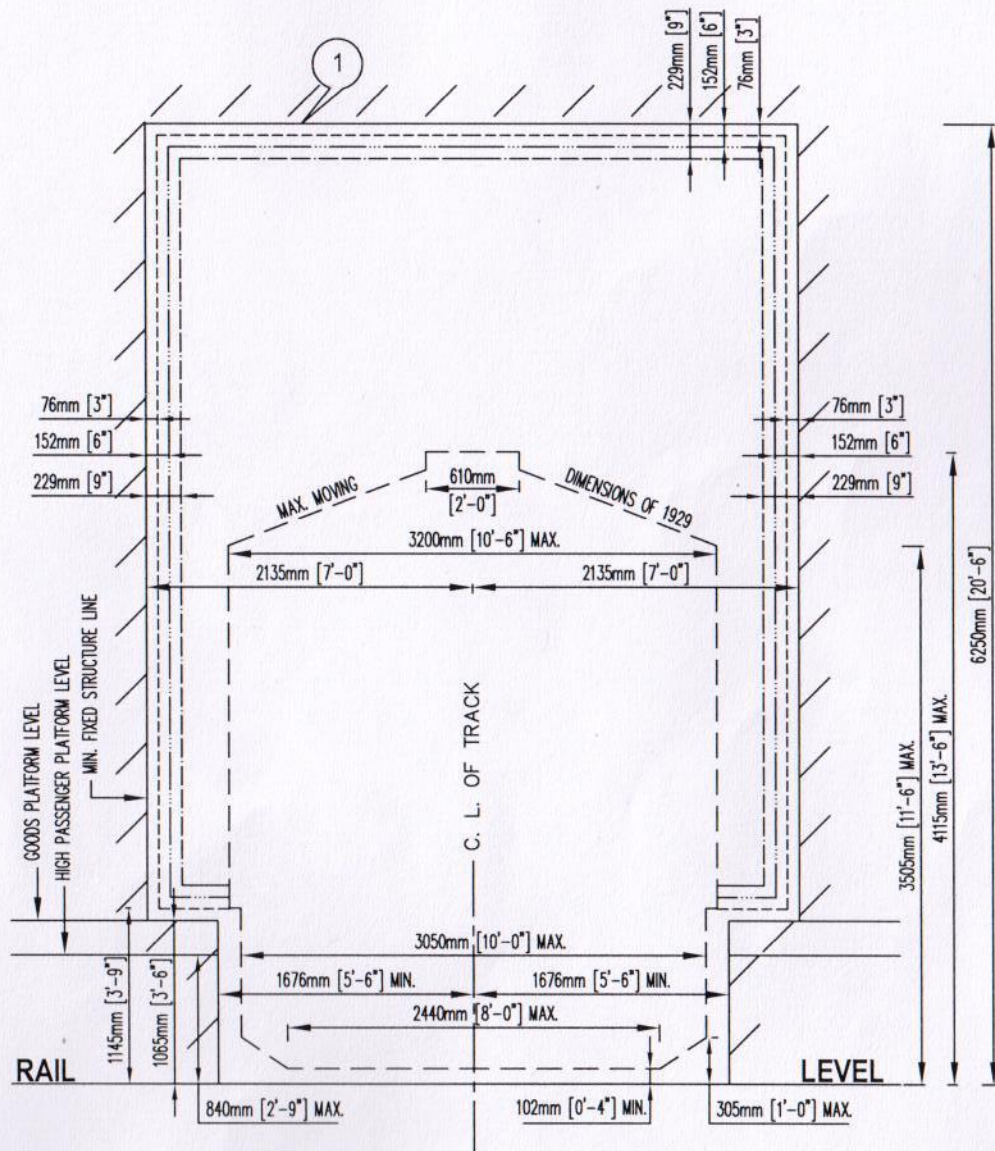
DIVISION : FIROZPUR

**SECTIONS : (i) PHAGWARA(PGW) - NAWANSHAHR DOABA(NSS) - RAHON(RHU)
(ii) NAWANSHAHR DOABA(NSS) - JAIJONDOABA(JJJ)**

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	PHAGWARA	411.30	F.O.B. No. - 1	6250 [20'-6"]	2135 [7'-0"]
2	PHAGWARA	411/18-20	F.O.B. No. - 2	6700 [21'-11 3/4"]	2135 [7'-0"]

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- HEIGHT OF F.O.B. BOTTOM OF RAIL LEVEL ON MAIN LINE 6300 mm (20' - 8").
- F.O.B. RAISED BY BR. WORKSHOP/JRC AS PER ELECTRIFICATION REQUIREMENTS.



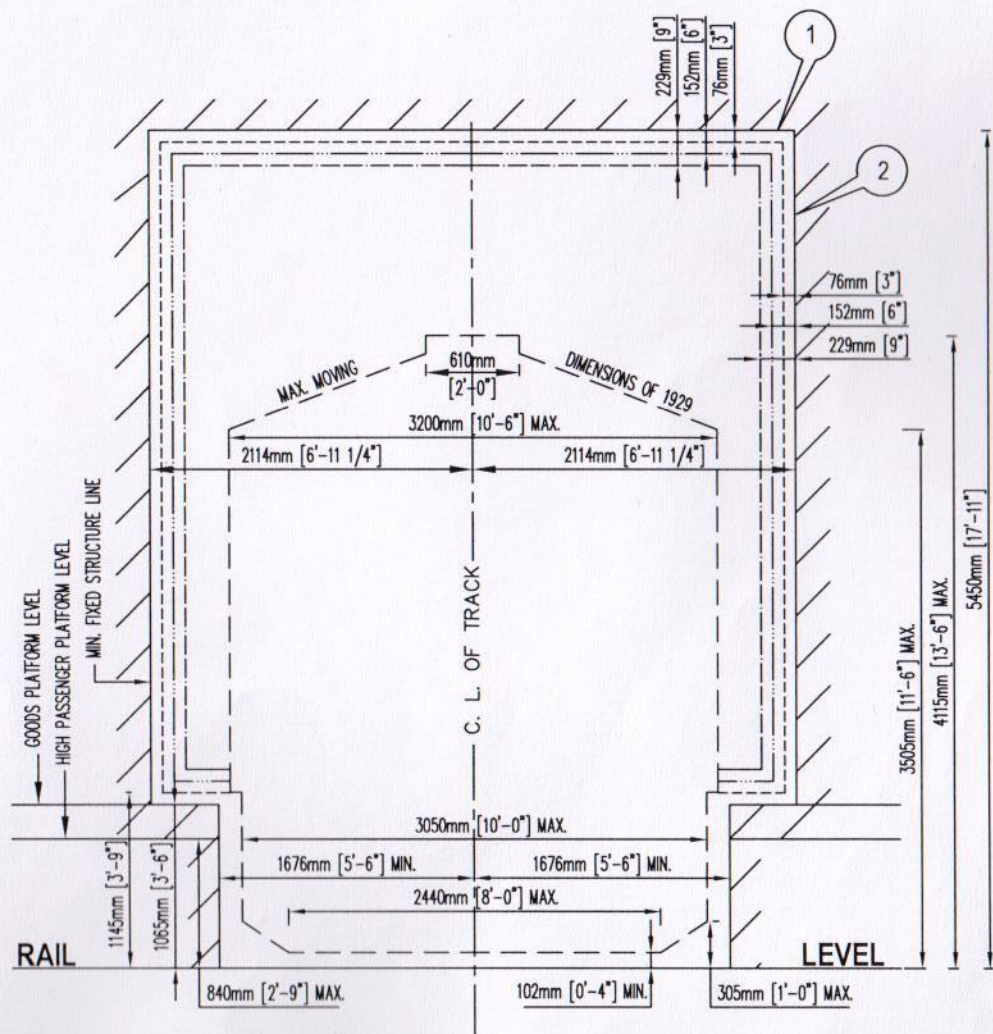
DIVISION FIROZPUR

SECTION : AMRITSAR(ASR) - VERKA(VKA) - BATALA(BAT) - PATHANKOT(PTK)


PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	AMRITSAR		HALL GATE R.O.B.	5450[17'-11"]	1413 [4'-7 $\frac{5}{8}$ "]
2	ON THE ROUTE		SIDE BRACING OF DHARIWAL BRIDGE No.171 AT km.58/10-11		2114 [6'-11 $\frac{1}{4}$ "]

NOTES:-

1. NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
2. THE DIMENSIONS CHANGED AS PER THE D.O.B. Sketch No.648.



SCALE	1: 50
<i>Thomson E.F.</i> COMPUTERISED BY	<i>Prem Prakash</i> CORRECTED BY

			S. J. J.
SUPDT/D.O.Engg.			DY. C.E/P&D

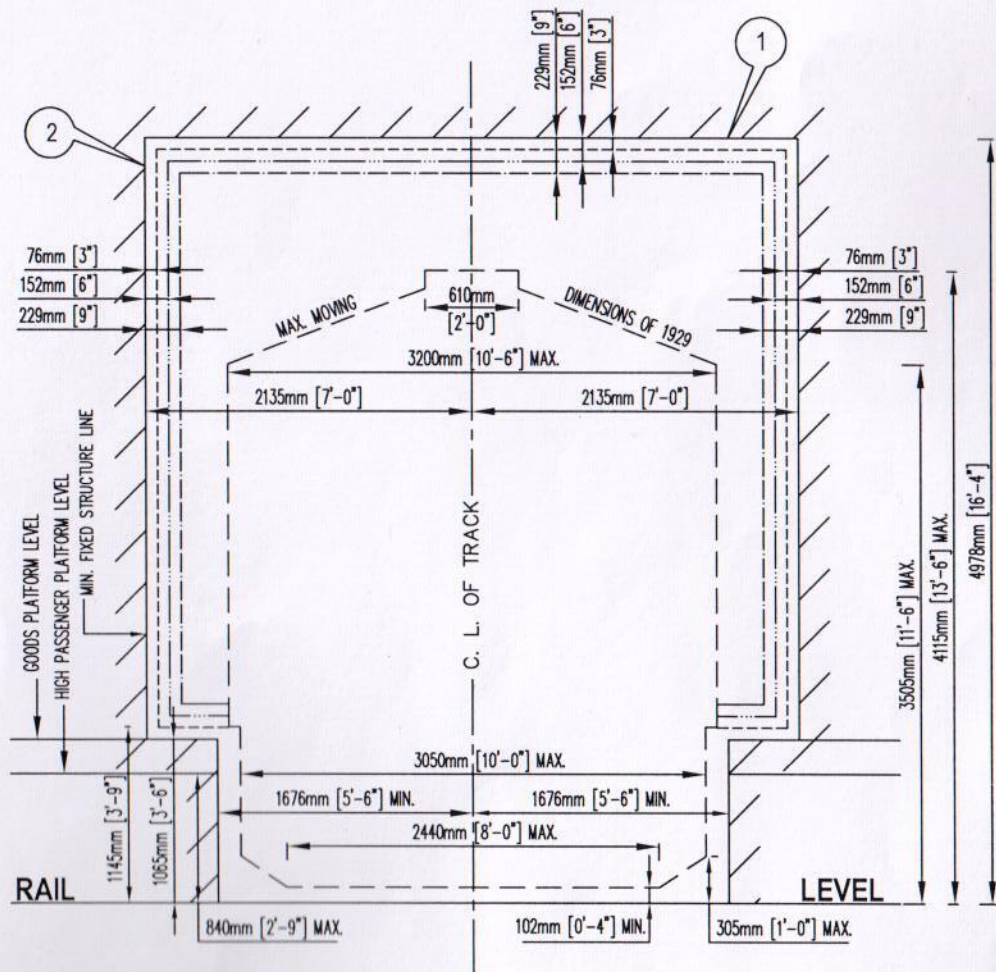
DIVISION : FIROZPUR

**SECTIONS: (i) LUDHIANA(LDH) - FIROZPUR CANTT.(FZR) - BATHINDA(BTI)
(ii) JALANDHAR CANTT.(JRC) - HOSHIARPUR(HSX)**

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	LDH, FZR, KKP & ABS	375.65	R.O.B. & F.O.B.s	4978 [16'-4"]	-
2	ON THE ROUTES	384.39 339.51 73.41	ISOLATED SIDE STRUCTURES SUCH AS S. POSTS AND TRESTLES OF R.O.B. ETC.	-	2135 [7'-0"]
3	LDH		R.O.B. & F.O.B.s AT LDH	6030 [19'-9½"]	
4	LDH		R.O.B. 389-B	UP M/L 5800 [19'-0½"] DN M/L 5870 [19'-3"]	

NOTES:-

1. NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.



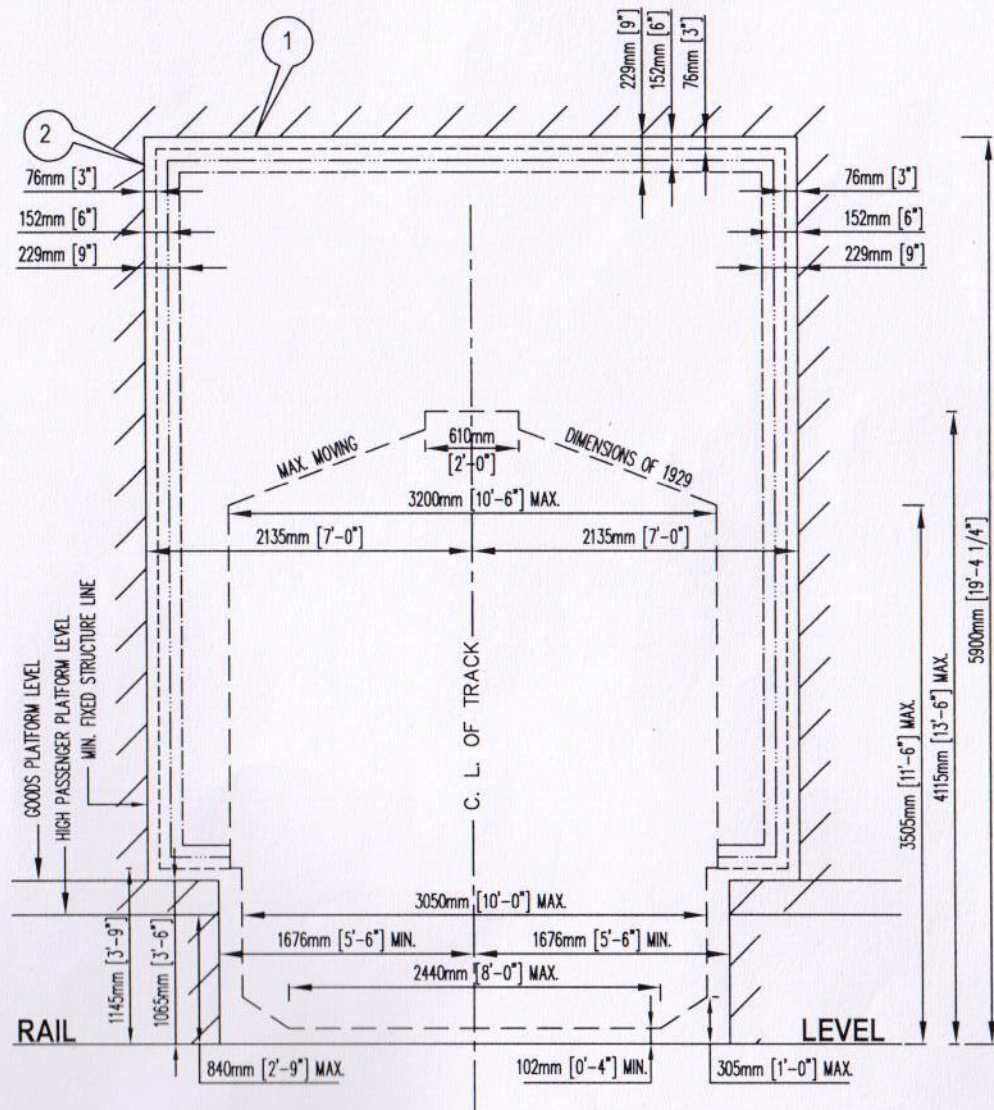
DIVISION : FIROZPUR

SECTION : VERKA(VKA) - DERA BABA NANAK(DBNK)

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	VERKA	8.11	F.O.B.	5900 [19'-4 1/4"]	
2	ON THE ROUTE		ISOLATED SIDE STRUCTURES SUCH AS WATER COLUMNS, SIGNAL POSTS AND TRESTLES OF F.O.B. ETC.		2135 [7'-0"]

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.



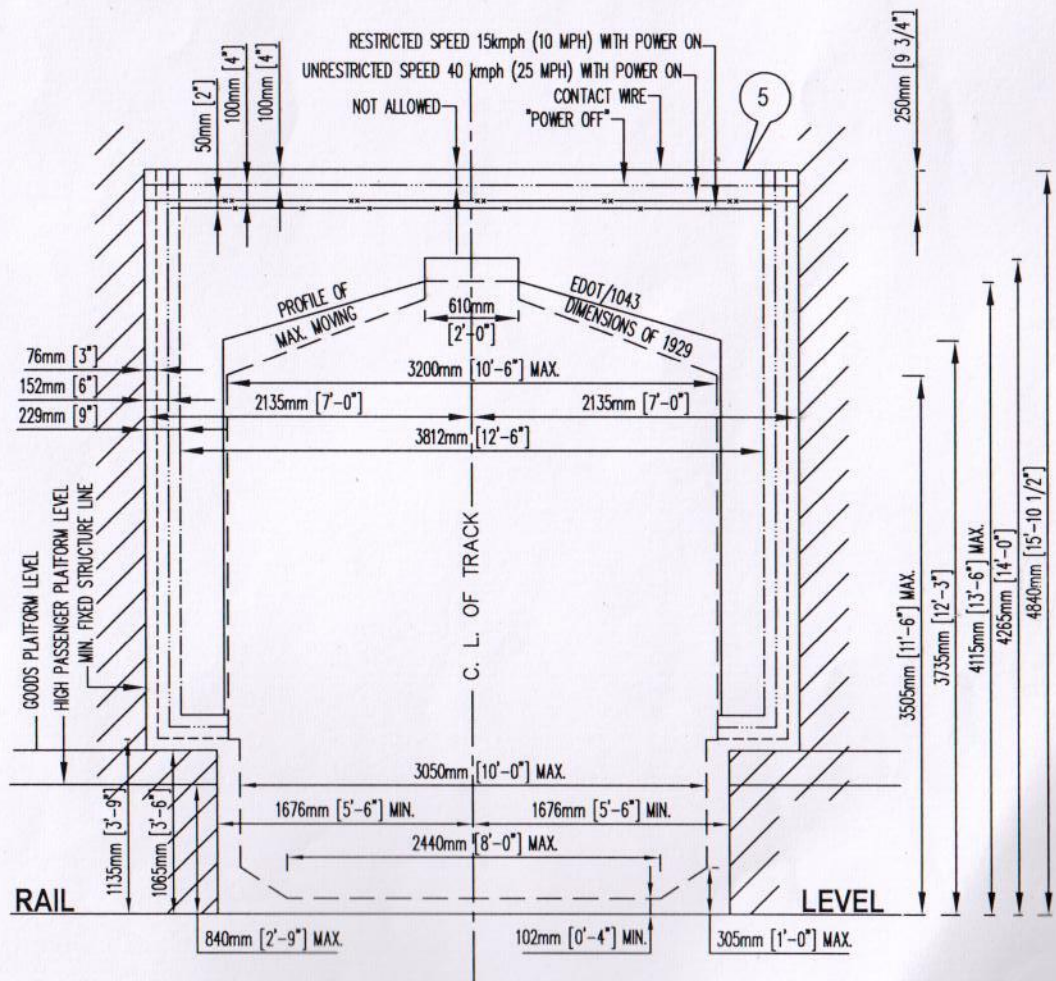
DIVISION : FIROZPUR

SECTION : AMRITSAR(ASR) - JALANDHAR CITY(JUC) [Excl. JALANDHAR CITY(JUC)]

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1			OVER HEAD BRACINGS OF BEAS BRIDGE.	6250 [20'-6"]	1270 [4'-2"]
2	ON THE ROUTE		RAKERS OF BEAS, WEST BEYNE AND ROHI BRIDGE	2090 [6'-10 $\frac{1}{4}$ "]	2210 [7'-3"]
3	BEAS RIVER BRIDGE	466/27	MIN. HEIGHT OF CONTACT WIRE	5260 [17'-3"]	-
4	GHORA SIDING	GH/02-03	MIN. HEIGHT OF CONTACT WIRE	4630 [15'-2 $\frac{1}{4}$ "]	-
5	JUC-BEAS	433/3-5	MIN. HEIGHT OF CONTACT WIRE	4840 [15'-10 $\frac{1}{2}$ "]	-

NOTES:-

1. NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
2. THE HEIGHT OF CONTACT WIRE FOR YARD LINE UNDER REGO ROB IS 4630mm. NO ODC IS ALLOWED IN THIS YARD LINES.



SCALE	1: 50
Thomson C.F. COMPUTERISED BY	Prem Prakash CORRECTED BY

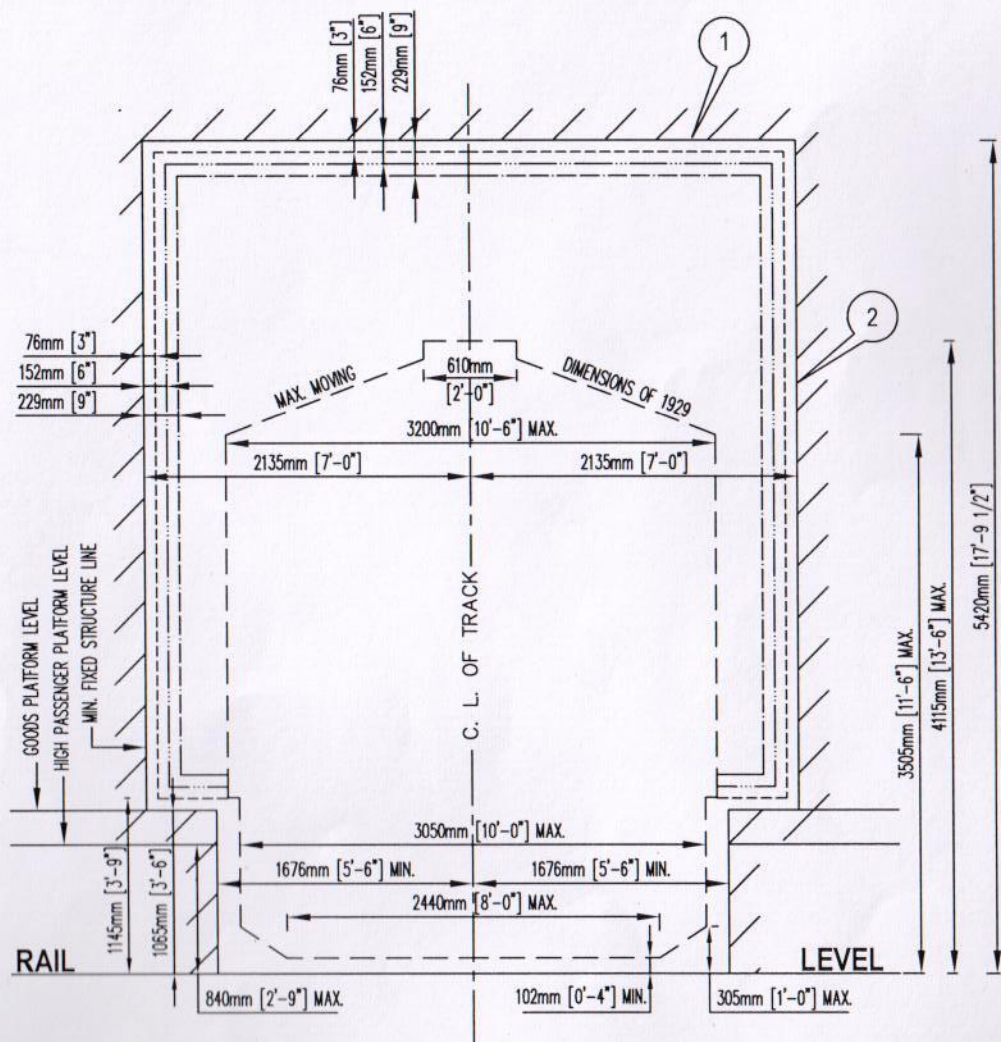
DIVISION : FIROZPUR

SECTION : AMRITSAR(ASR) - KHEMKARAN(KEMK)

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	AMRITSAR		REGO R.O.B.	5420 [17'-9 1/2"]	
2	BHAGTANWALA	4.58	POST OF UP MAIN STARTER		2135 [7'-0"]

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.



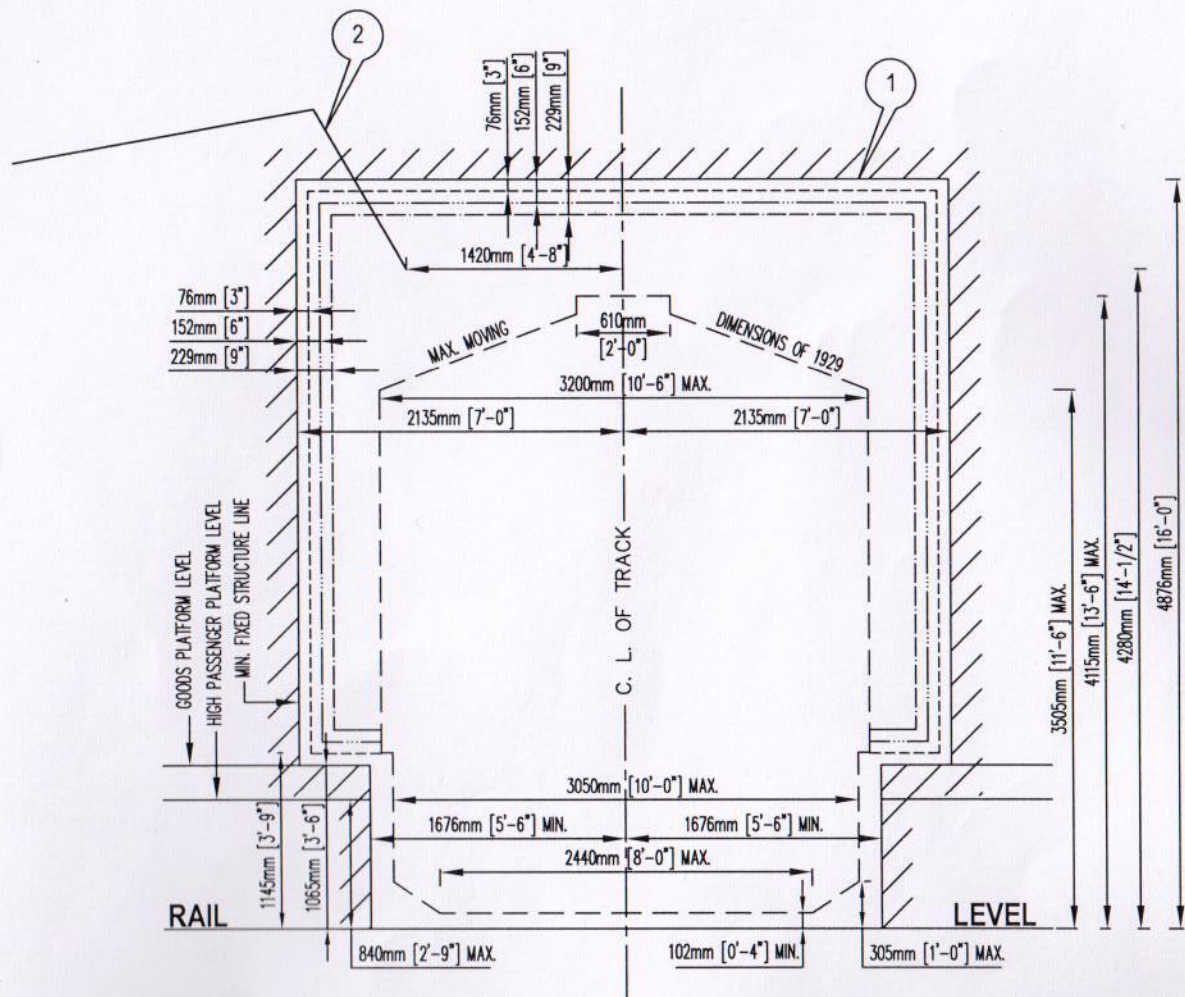
DIVISION : FIROZPUR

SECTION : NAKODAR(NRO) - JALANDHAR CITY(JUC)

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	ON THE ROUTE	—	BOTTOM OF F.O.B.	4876 [16'-0"]	—
2	SHANKAR	24.62	I.R.S. SHELTER ON PLATFORM	4280 [14'-1/2"]	1420 [4'-8"]

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- AT SHANKAR THE EDGE OF I.R.S. SHELTER IS AT A DISTANCE OF 1420 [4'-8"] FROM C.L. OF TRACK AT HEIGHT 4292 [14'-1"].



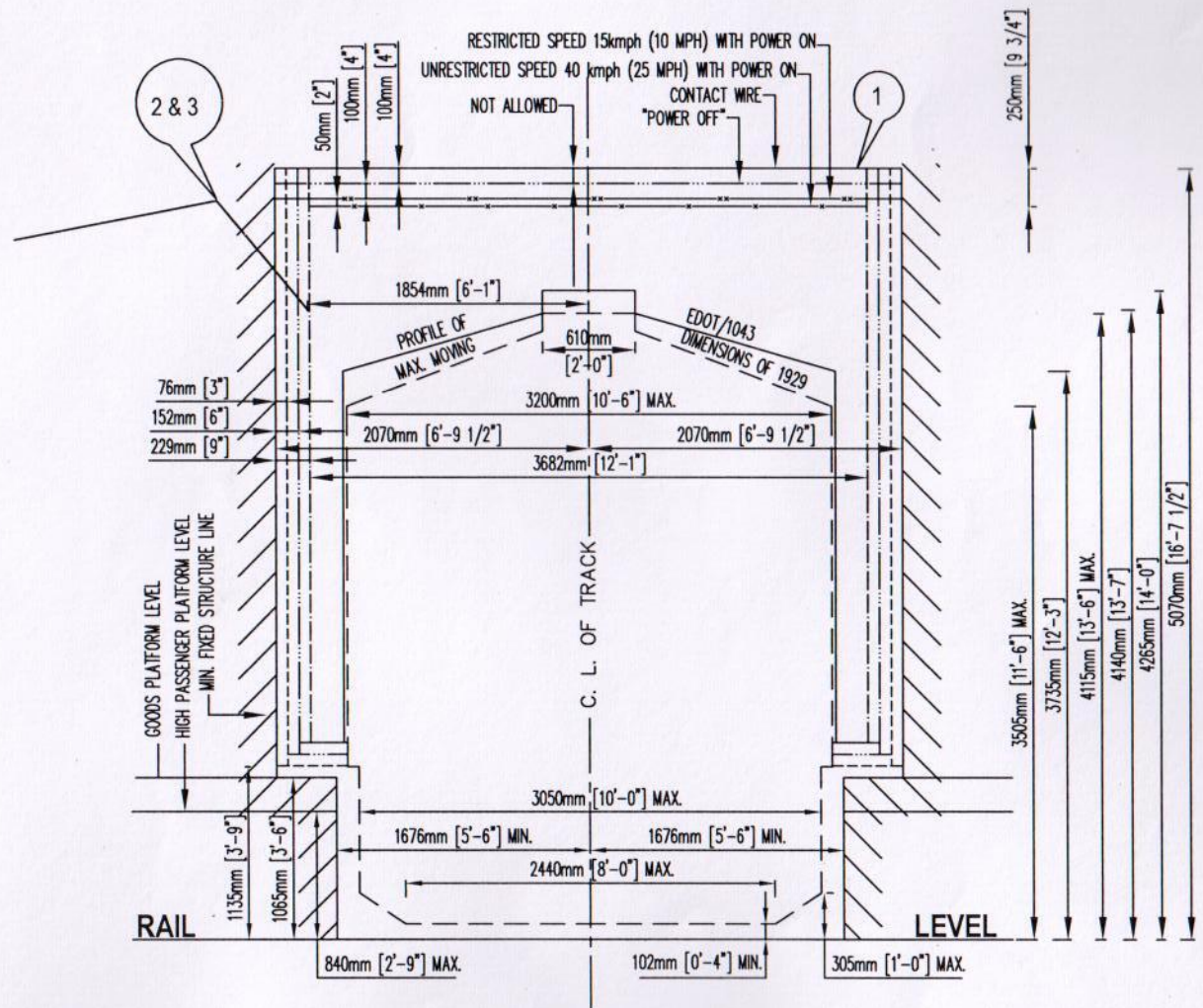
DIVISION : FIROZPUR

SECTIONS : (i) LUDHIANA(LDH) - PHAGWARA(PGW) - JALANDHAR CITY(JUC)

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	NEAR PHILLAUR	386/7-8	END RAKERS OF SUTLEJ BRIDGE NEAR PHILLAUR	6300 [20'-8"]	-
2	SNL-LDH	375/13-17 375/14-18	MIN. HEIGHT OF CONTACT WIRE UP M/L DN M/L	5230 [17'-2"] 5230 [17'-2"]	-
3	PHILLAUR	389/0-2	FOB	6263 [20'-7"]	
4	PGW	411/8-10	MIN. HEIGHT OF CONTACT WIRE	5070 [16'-7 1/2"]	
5	CHIPHERU	418/15-17	ROB 17-A(OLD) UP M/L DN M/L	5670 [18'-7 1/4"] 5770 [18'-11 1/4"]	
6	BET. JRC-JUC	429/23-25	ROB 26-E(OLD) UP M/L DN M/L	5700 [18'-8 1/2"] 5500 [18'-0 1/2"]	

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- PROHIBITED LINES:- PASSENGER SHED ON PLATFORM No.2, 3, 4&5 AT LUDHIANA , HORIZONTAL DISTANCE 1854 (6'-1") FROM CENTRE OF TRACK AT A HEIGHT OF 4140 (13'-7").
- BR. No. 5-A RAISED BY BR. WORKSHOP/JRC AS PER ELECTRIFICATION REQUIREMENTS. (RAISED 1045mm FROM EXISTING HEIGHT 5004mm)



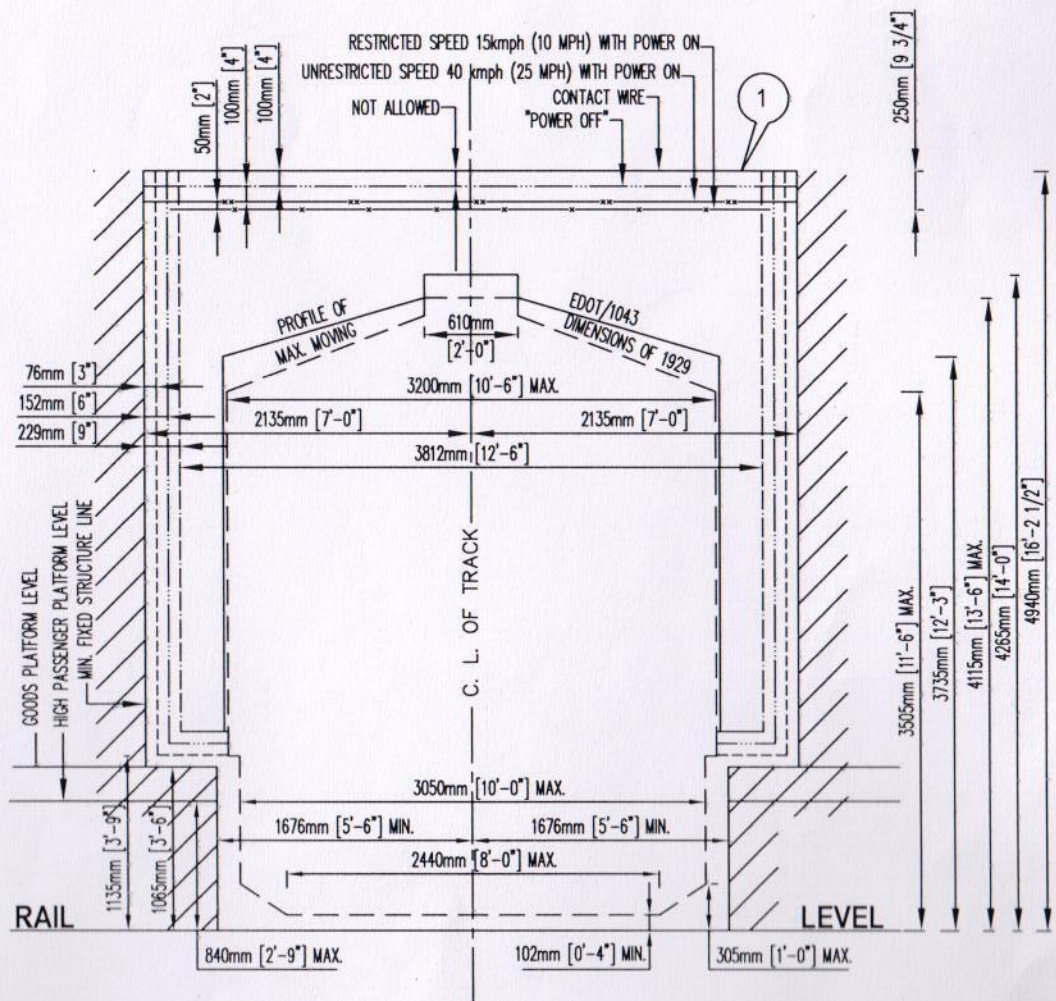
DIVISION : FIROZPUR

SECTION : (i) JALANDHAR CITY(JUC) - SUCHI PIND(SCPD) - PATHANKOT(PTK)
[Via. MUKERIAN(MEX)]
(ii) JALANDHAR CANTT.(JRC) - SUCHI PIND(SCPD) [Via. Chord Line]
(ELECTRIFIED SECTION)

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	BHANGALA - MIRTHAL	89/26-90/13	MIN. HEIGHT OF CONTACT WIRE	4940 [16'-2 1/2"]	-
2	KANDRORI-PATHANKOT CANTT.	110/12-22	MIN. HEIGHT OF CONTACT WIRE	5150 [16'-10 3/4"]	

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.



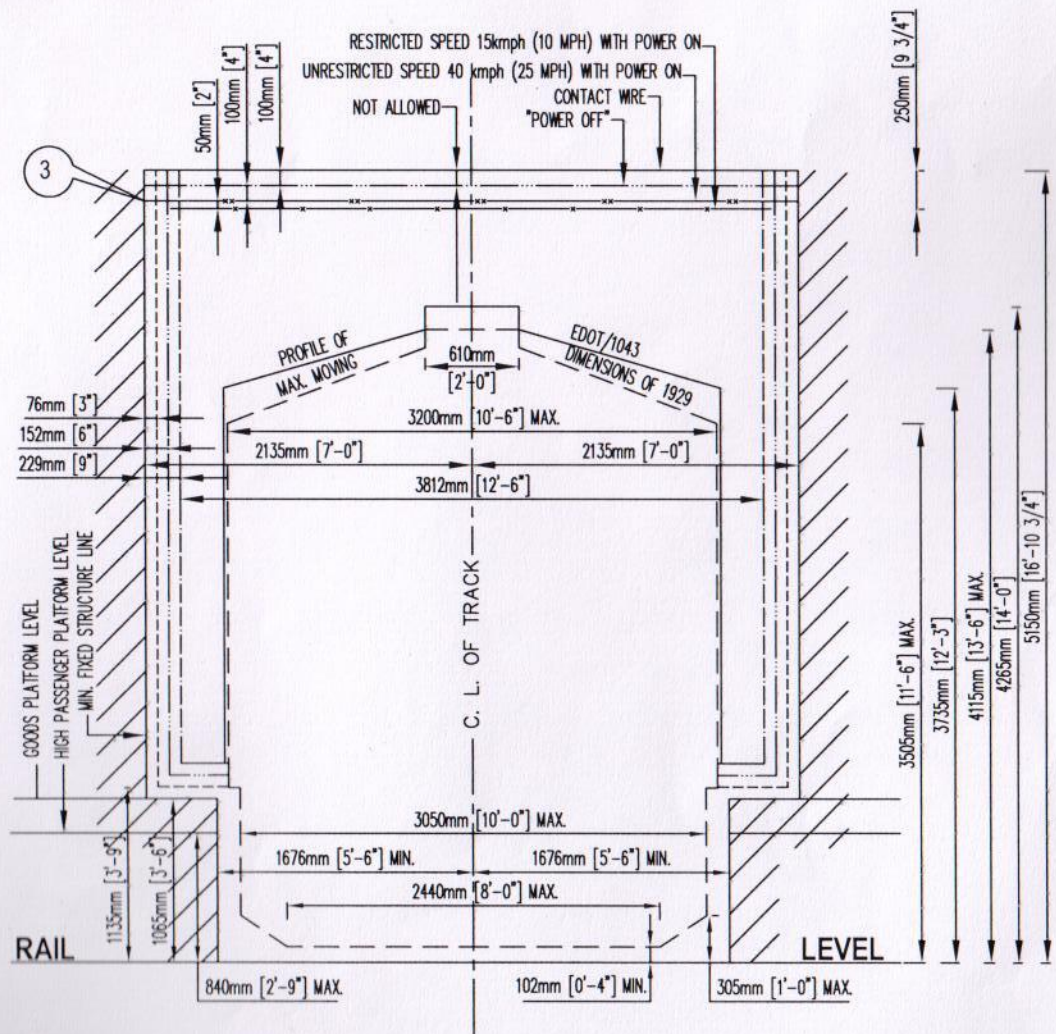
DIVISION : FIROZPUR

SECTION : PATHANKOT(PTK) - BHAROLI(BHRL) - JAMMU TAWI(JAT)

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1.	PATHANKOT(BHRL END)	-	SIGNAL GANTRY	5130[16'-10"]	-
2.	KATHUA	-	CANTILEVER ROOF OF GOODS SHED	5320[17'-5½"]	-
3.	ON THE ROUTE	-	ISOLATED SIDE STRUCTURES SUCH AS WATER COLUMNS, SIGNAL POSTS AND TRESTLES OF F.O.B. ETC.	-	2135[7'-0"]
4.	SJNP - MDPB SEC.	7/2-4-6	MIN. HEIGHT OF CONTACT WIRE	UP LINE 5150[16'-10¾"] DN LINE 5200[17'-0¾"]	2135[7'-0"]

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.



DIVISION : FIROZPUR

SECTION : PATHANKOT(PTK) - JOGINDER NAGAR(JDNX) [N.G.]

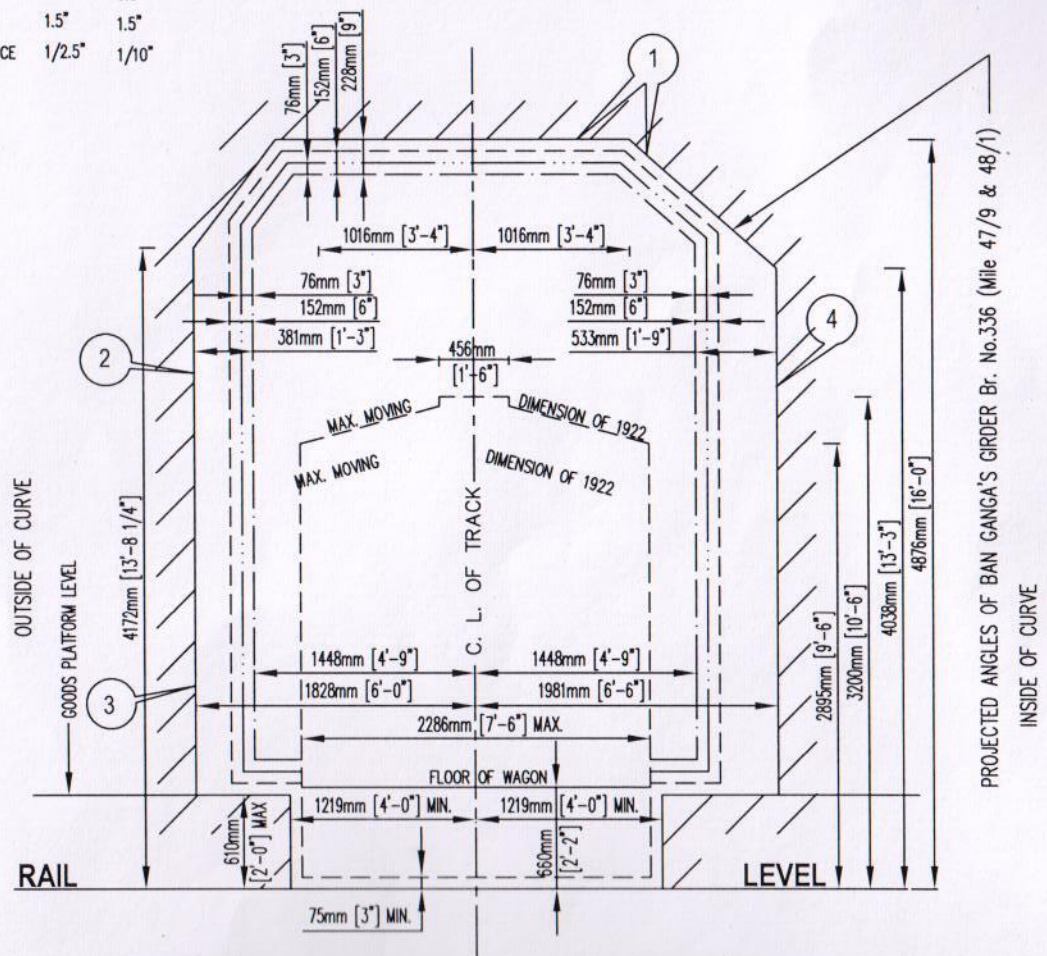
PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1.	BAN GANGA BRIDGE No.336	—	PROJECTED ANGLE OF Br. No. 336	4038[13'-3"] 4876[16'-0"]	1828[6'-0"] 1016[3'-4"]
2.	ON THE ROUTE	—	CURVE No.1160 (MILE 46.21) EDGE OF CUTTING (OUT SIDE CURVE)	—	1828[6'-0"]
3.	ON THE ROUTE	—	CURVE No.3180 (MILE 76.72) EDGE OF CUTTING (OUT SIDE CURVE)	—	1828[6'-0"]
4.	ON THE ROUTE	—	CURVE No.3490 (MILE 84/4-5) EDGE OF CUTTING (OUT SIDE CURVE)	—	1981[6'-6"]

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- 9.5" EXTRA CLEARANCE DUE TO CURVE SHOWN UNDER DETAIL OF EXTRA CLEARANCE (ITEM No.1) HAS BEEN WORKED OUT FOR 2895[9'-6"] HEIGHT (MAXIMUM MOVING DIMENSION) ADDITIONAL EXTRA CLEARANCE MUST BE GIVEN FOR CONSIGNMENTS AT HEIGHT MORE THAN 2895[9'-6"] FOB No.198 REALIGNED PORTION.

DETAILS OF EXTRA CLEARANCE

	OUTSIDE	INSIDE
1. DUE TO CURVE	—	9.5"
2. DUE TO LURCH	1.5"	1.5"
3. DUE TO EXTRA CLEARANCE ON CURVES	1/2.5"	1/10"



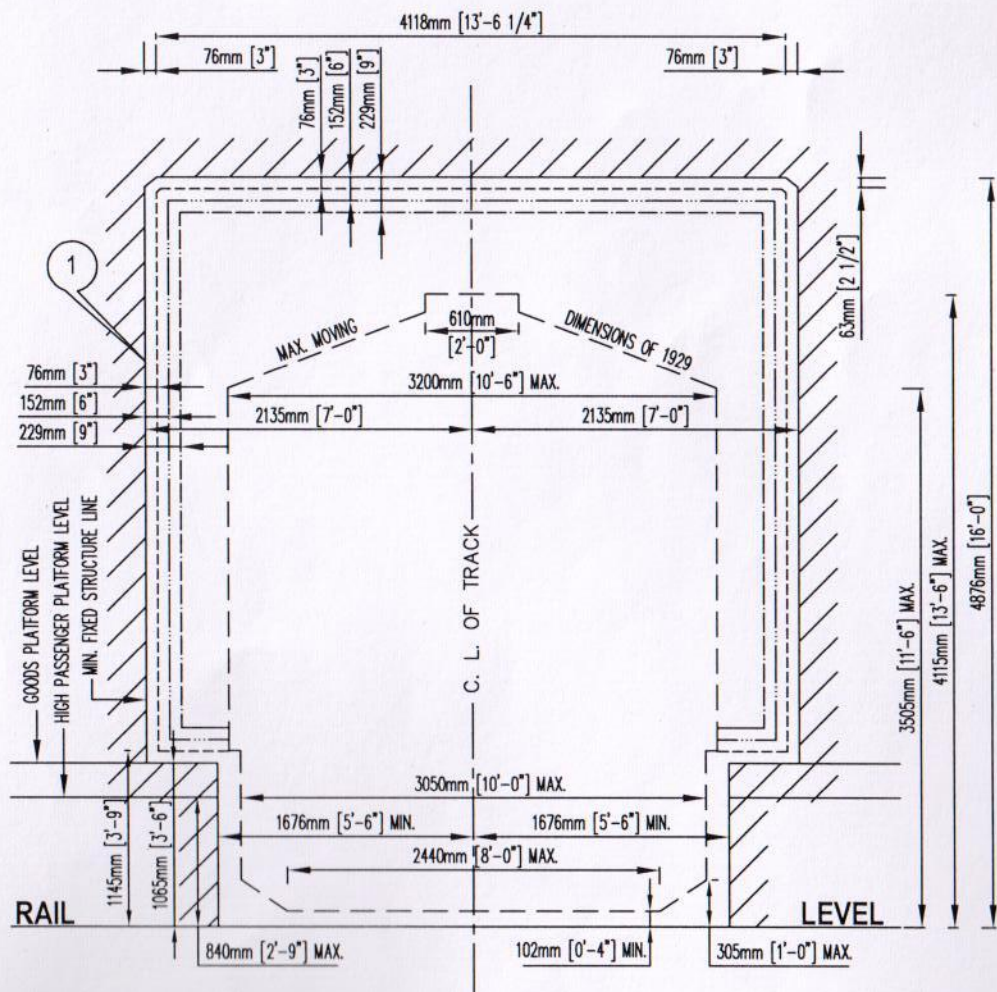
DIVISION : LUCKNOW

SECTIONS : (i) VARANASI(BSB) - LUCKNOW(LKO) [Via.Janghai(JNH), Partapgarh Jn.(PBH), Chilbila Jn.(CIL)].
(ii) ZAFARABAD(ZBD) - BARA BANKI(BBK) [Via.Faizabad(FD)].

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	ON THE ROUTE	—	BOTTOM OF R.O.B & F.O.B	4876 [16'-0"]	
2	ON THE ROUTE	—	ISOLATED SIDE STRUCTURES SUCH AS W.COLS., S.POSTS AND TRESTLES OF FOB ETC.		2135 [7'-0"]
4	BCN	1025.95	BOTTOM OF F.O.B	4830 [15'-10"]	4630 [15'-2"]
5	LOT - JNH	—	MIN. HEIGHT OF CONTACT WIRE	5500 [18'-0 1/2"]	

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- THE LOAD MUST AVOID PLATFORM LINES DUE TO I.R.S. TYPE SHEDS AT:- BSB-LKO(Via. PBH) AND MAIN PL LINE (i) SWPR-Line 1, (ii) JNH-Line 1, 3 & 4, (iii) PBH-Line 3 & 4, (iv) RBL-Line 1, 3 & 4, (v) BOY-Line 1, (vi) ANT-UP Loop line, 3.ZBD-LKO(Via. FD) (i) SHG-Line 1, (ii) AY-Line 1 & 2, (iii) ACND-Line 1, (iv) FD-Line 1, 2 & 3, (v) DYD-Line 1 & 3.



DIVISION : LUCKNOW

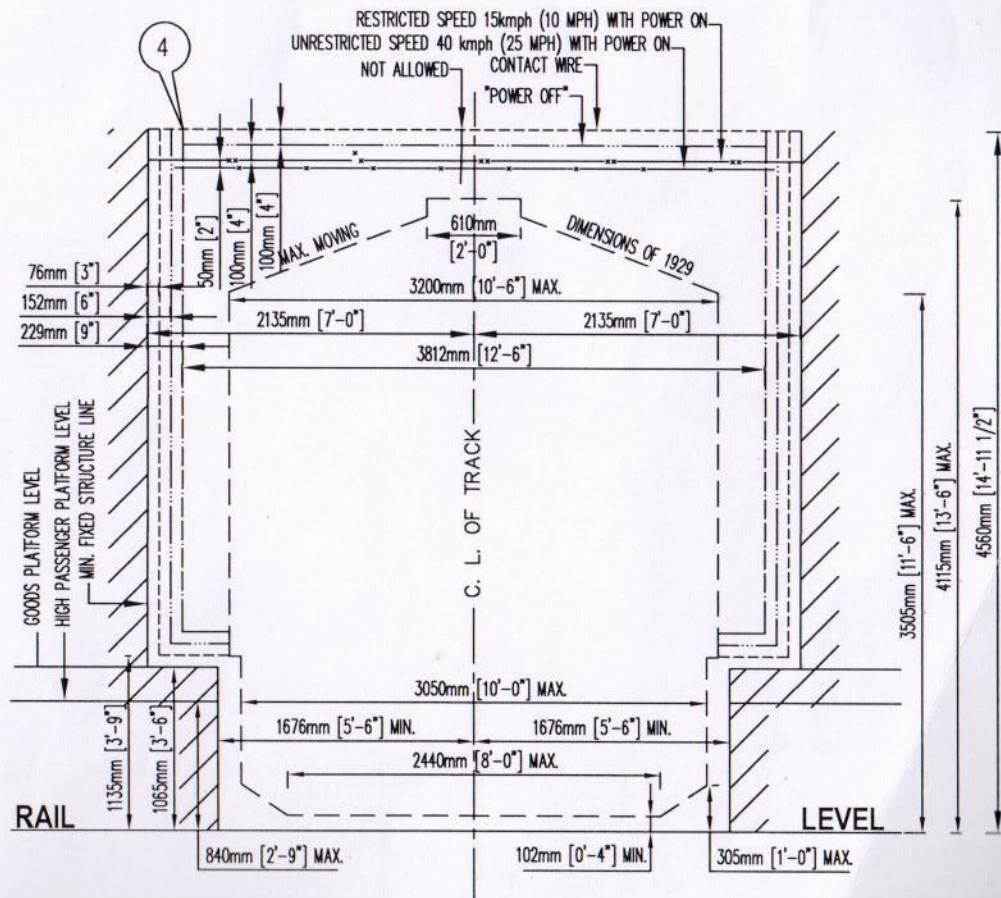
SECTIONS : (i) MUGHAL SARAI(MGS) - VARANASI(BSB)

(ii) VARANASI(BSB) - LUCKNOW(LKO)/AMG [Via.Zafarabad(ZBD), Sultanpur(SLN)]

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	ON THE ROUTE	—	BOTTOM OF R.O.B & F.O.B	4876 [16'-0"]	
2	KASHI & VYASH NAGAR	766.70 761.38	CORNER PLATES OF MALAVIYA BRIDGES	4876 [16'-0"] 4770 [15'-7 3/4"]	2059 [6'-9"] 2135 [7'-0"]
3	ON THE ROUTE	—	ISOLATED SIDE STRUCTURES SUCH AS W.COLS., S.POSTS AND TRESTLES OF FOB ETC.		2135 [7'-0"]
4	OLD FOB(BSB)	772/5-7	MIN. HEIGHT OF CONTACT WIRE	4560 [14'-11 1/2"]	—

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- THE LOAD MUST AVOID PLATFORM LINES DUE TO I.R.S. TYPE SHEDS AT:- MGS-BSB AND MAIN PL LINE (i) KEI-Line 1 & 3, (ii) BSB-Line 1, 4, 5&6, 2.BSB-LKO(Via. ZBD,SLN) (i) ZBD Line 3 & 4, (ii) SLN-Line 1, 2 & 3, (iii) Line No.1 AT JOP, HRP, MFKA, NHH, (iv) Line No. 1 at LBA & MWP (v) Line No. 4 at HRP, KEPR, MWP, LBA, PKX. BDIN, SHNG, MFKA & AHZ (vi) Line No. 5 at PKX, Line No. 7 at SLN



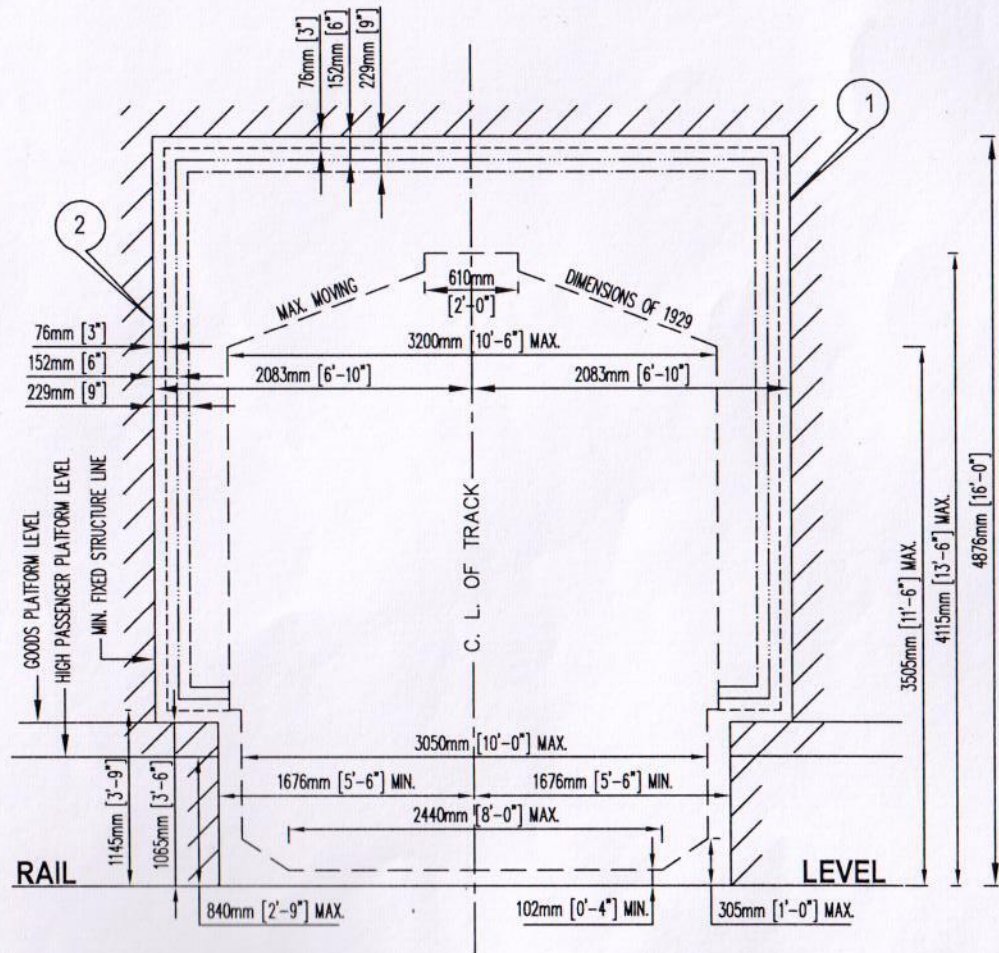
DIVISION : LUCKNOW

**SECTIONS : (i) PHAPHAMAU Jn.(PFM) - UNNAO Jn.(ON) [Via.Unchahar(UCR), Dalmau Jn.(DMW)],
(ii) UNCHAHAR(UCR) - DARYAPUR(DYP) - RAEBARELI(RBL)**

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	ON THE ROUTE	-	BOTTOM OF R.O.B & F.O.B	4876 [16'-0"]	
2	ON THE ROUTE	-	ISOLATED SIDE STRUCTURES SUCH AS W.COLS., S.POSTS AND TRESTLES OF FOB ETC.		2083 [6'-10"]
3	ALD-PFM	150/6-7	BOTTOM OF F.O.B. PRG YARD AF LINE	4820 [15'-9 $\frac{3}{4}$ "]	
4	ALD-PFM-UCR	-	MIN. HEIGHT OF CONTACT WIRE	5500 [18'-0 $\frac{1}{2}$ "]	

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- THE LOAD MUST AVOID PLATFORM LINES DUE TO I.R.S. TYPE SHEDS AT:- LALGOPAL GANJ, GARHIMANAKPUR, UNCHAHAR 1, 2, 3 FOB, TAKIA, KORARI, RMC, UJ, TKRP, KHNM, BQP ON Line No.1 & BHADRI (Siding) MAIN LINE.



DIVISION : LUCKNOW

SECTIONS : (i) KANPUR CENTRAL(CNB) - LUCKNOW(LKO) [Via. Unnao(ON)]
[Excl. KANPUR CENTRAL]

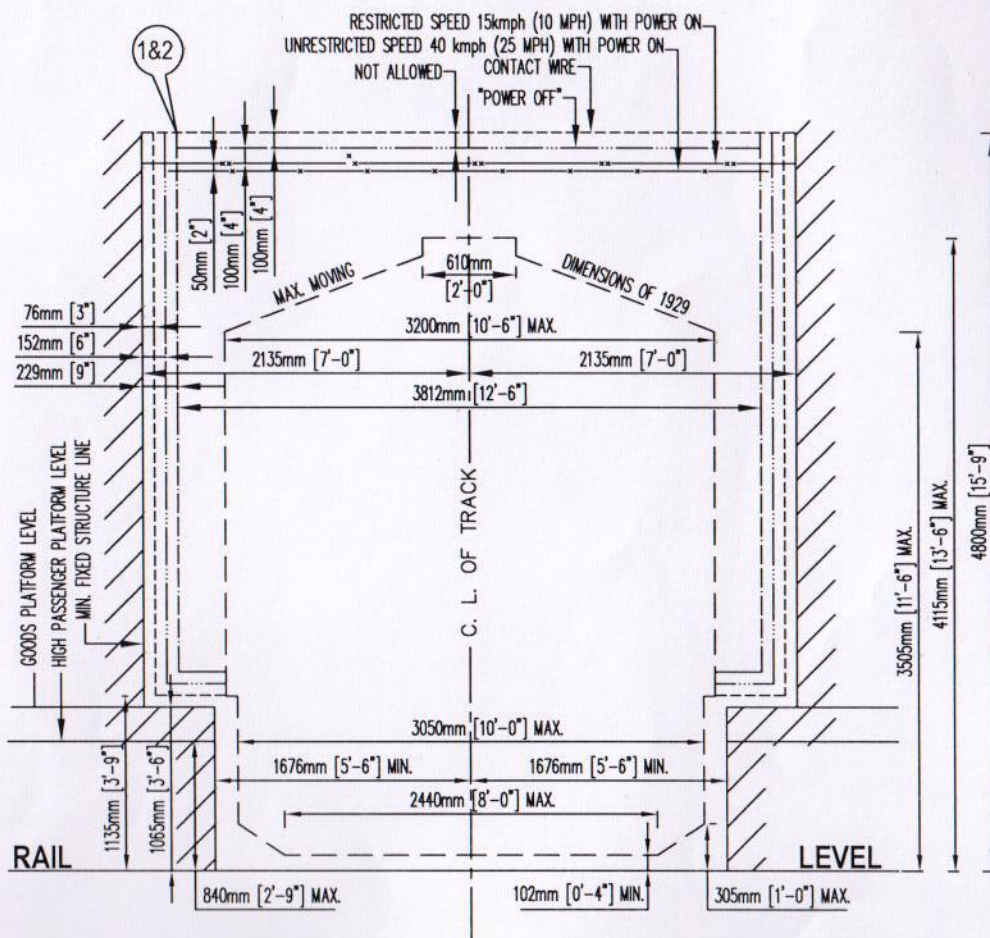
(ii) BARA BANKI(BBK) - LUCKNOW(LKO)

(iii) UTRAITIA(UTR) - ALAMNAGAR(AMG) Bypass Line [Via. Transport Nagar(TPNR)]

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	KANPUR CENTRAL - LEFT BANK BGIDGE No. 108	64/492-538.5 64/18-20	MIN. HEIGHT OF CONTACT WIRE	4800 [15'-9"] 4920 [16'-1 3/4"]	2135 [7'-0"]
2	MAGARWARA BRIDGE Nos.109	65/434-497 65/14-16	MIN. HEIGHT OF CONTACT WIRE	4800 [15'-9"] 4900 [16'-1"]	2135 [7'-0"]
3	ON THE ROUTE	-	ISOLATED SIDE STRUCTURES SUCH AS SIGNAL POSTS & TRESTLES OF FOB, ETC.	-	2135 [7'-0"]
4	UTR-AMG (BYPASS LINE)	-	MIN. HEIGHT OF CONTACT WIRE	5500 [18'-0 1/2"]	

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- 'C' CLASS ODC PERMITTED WITH SPEED RESTRICTION & POWER OFF.



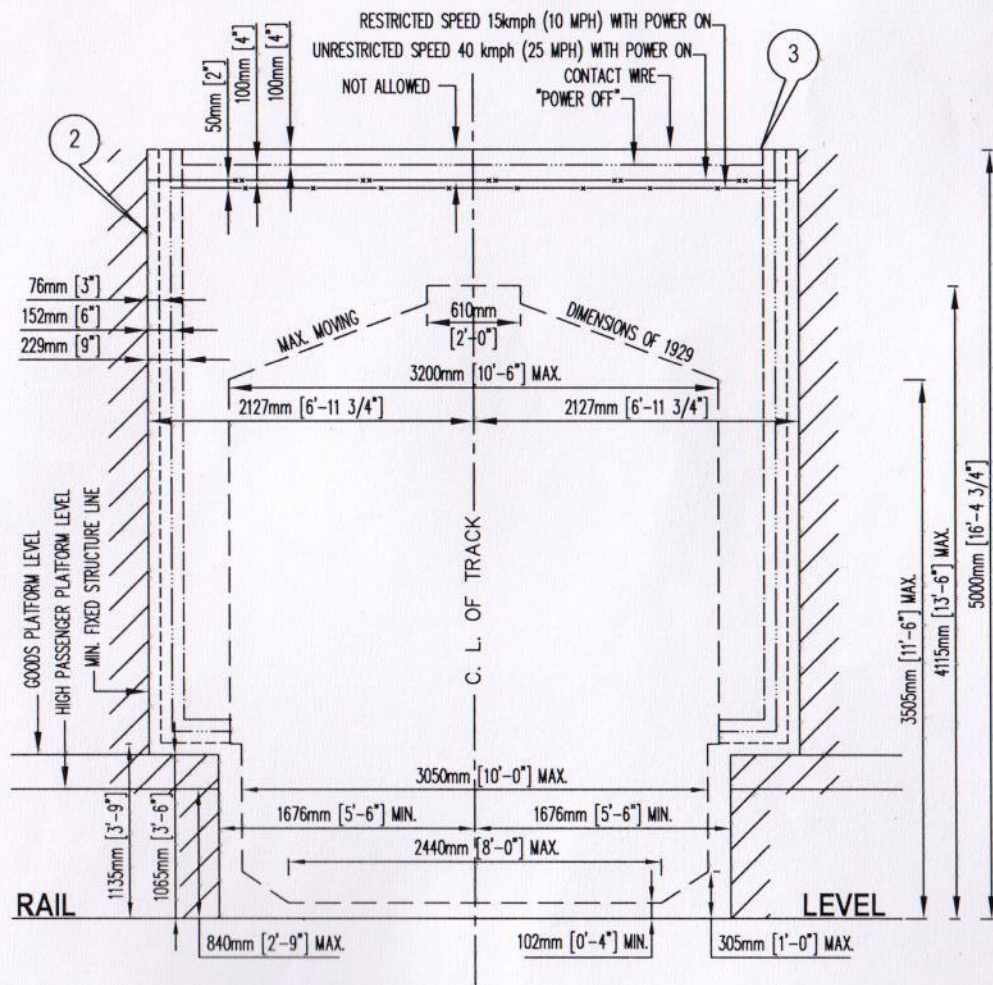
DIVISION : MORADABAD

SECTION : LAKSAR(LRJ) - SAHARANPUR(SRE) (For UP Line)

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	FOB	1497/7-9	MIN. HEIGHT OF CONTACT WIRE	5120 [16'-9½"]	-
2	GANGA CANAL BRIDGE No.1268 (UP Line)	1556/5-13	HORIZONTAL CLEARANCE	-	2127 [6'-11¾"]
3	ROB	1549/11-13	MIN. HEIGHT OF CONTACT WIRE	5000 [16'-4¾"]	-

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- LINES TO BE AVOIDED AT:- (i) LAKSAR:- ALL LINES EXCEPT LINE No.2, (ii) ROORKEE:-ALL LINES EXCEPT LINE No.4.
- THE FOLLOWING SPECIAL PRECAUTIONS MUST BE OBSERVED FOR 'C' CLASS LOADS:- LOAD TO STOP DEAD AT THE APPROACHES OF SEMI THROUGH GIRDER BRIDGE No.1268 UNDER UP TRACK, TO PASS AT 8 kmph (5 MPH) UNDER SUPERVISION OF A COMPETENT SSE/C&W DUE TO INADEQUATE SIDE CLEARANCE OF 2127 (6'-11¾") FROM C.L. OF TRACK.



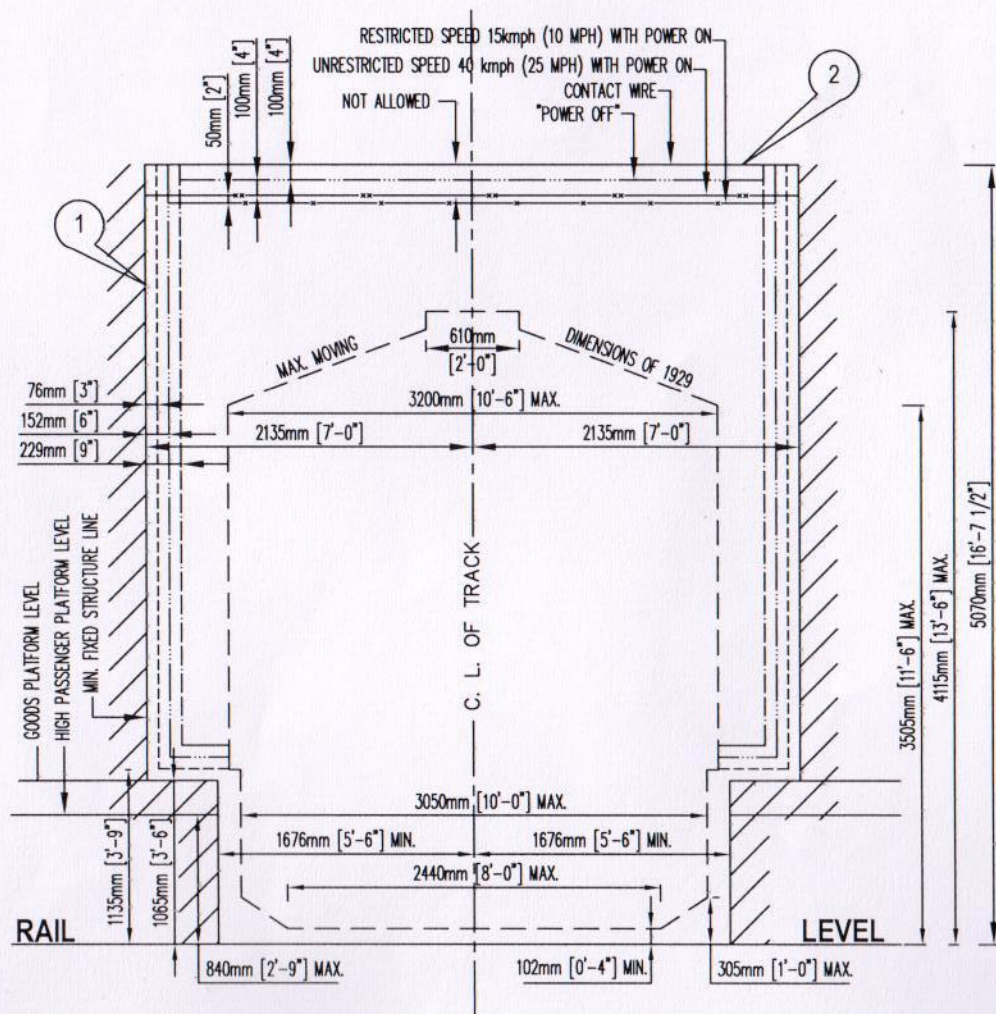
DIVISION : MORADABAD

SECTION : LAKSAR(LRJ) - SAHARANPUR(SRE) (For Down Line)

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	ON THE ROUTE	-	SIGNAL POST ETC.		2135 [7'-0"]
2	ROB	1549/12-14	MIN. HEIGHT OF CONTACT WIRE	5070 [16'-7½"]	
3	FOB	1497/8-10	MIN. HEIGHT OF CONTACT WIRE	5130 [16'-10"]	

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- LINE TO BE AVOIDED AT (i) LAKSAR- ALL LINES EXCEPT LINE No.2, (ii) ROORKEE- ALL LINES EXCEPT LINE No.1
- THE FOLLOWING SPECIAL PRECAUTIONS MUST BE OBSERVED FOR 'C' CLASS LOADS:- LOAD TO STOP DEAD AT THE APPROCHES OF GANGA CANAL BRIDGE No.1268 (Dn Line) & TO PASS AT 8 kmph UNDER SUPERVISION OF A COMPETENT H.T.X.R.



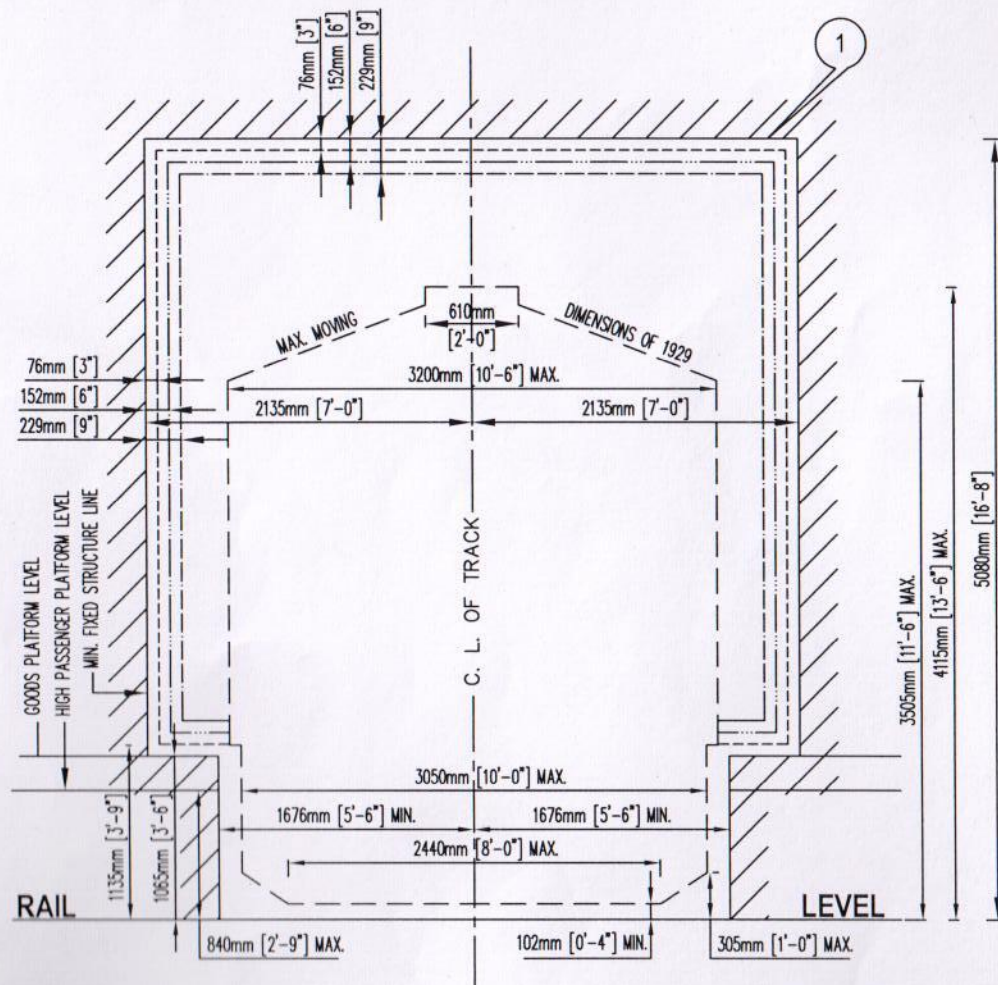
DIVISION : MORADABAD

**SECTIONS : (i) MORADABAD(MB) - CHANDAUSI(CH) [Via.Raja Ka Sahaspur(RJK)]
(ii) RAJA-KA-SAHASPUR(RJK)-SAMBHAL HATIM SARAI(SHTS)**

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	MORADABAD	-	BRIDGE TOWARDS BE	5080 [16'-8"]	-

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- THE LOAD MUST AVOID PLATFORM LINES DUE TO I.R.S.TYPE SHEDS AT:- (i) MB-ALL LINES EXCEPT LINE No. 1, 4, 8 AND 9(P/F LINES) AND LINE No. 2 & 3, (ii) RJK- MAIN PLATFORM.
- THE FOLLOWING PRECAUTIONS ARE TO BE OBSERVED DURING THE TRANSPORT;- THE LOAD MUST PASS (i) MB-BY LINE No.2, (ii) RJK- BY LINE No.2.



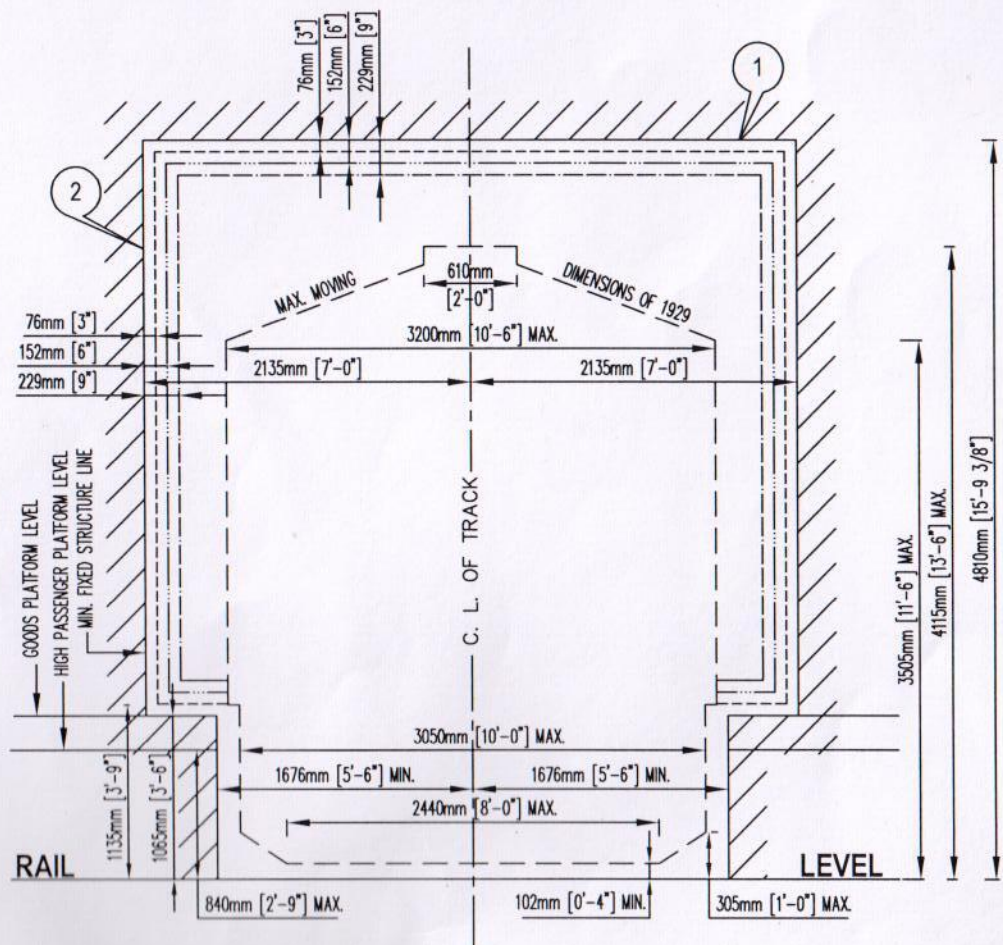
DIVISION : MORADABAD

SECTION : LAKSAR(LRJ) - HARIDWAR(HW)

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	GANGA CANAL BRIDGE No.21 NEAR JAWALAPUR	-	CLEARANCE BETWEEN RAIL LEVEL AND TOP BRACING.	4810 [15'-9 ³ / ₈ "]	-
2	ON THE ROUTE	-	SIGNAL POSTS ETC.	-	2135 [7'-0"]
3	ROB	22/7-8	MIN. HEIGHT OF CONTACT WIRE	4920 [16'-1 ³ / ₄ "]	

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- THE LOAD MUST AVOID PLATFORM LINES DUE TO I.R.S. TYPE SHEDS AT:- (i) LAKSAR- ISLAND PLATFORM ON LINE No.1, 3 & 4, (ii) HARIDWAR- PLATFORM LINE No.1, 2 & 3.
- THE FOLLOWING PRECAUTIONS ARE TO BE OBSERVED DURING THE TRANSPORT AND THE LOAD MUST PASS:- (i) LAKSAR- BY LINE No.2, (ii) HARIDWAR- BY LINE No.4.
- THE FOLLOWING SPECIAL PRECAUTIONS MUST BE OBSERVED FOR 'C' CLASS LOAD. LOAD TO STOP DEAD AT THE APPROACHES OF THE GANGA CANAL Br. No.21 AT km 21/13 (m- 13/15-16) NEAR JAWALAPUR AND PASS THROUGH AT 8 kmph (5MPH) UNDER SUPERVISION OF A COMPETENT H.T.X.R.
- THERE IS NO INFRINGEMENT ON H.E. SIDING AT H.W. VIDE AEN/RK LETTER No.W/4 DATED 16/5/69 AS REGARDS SHARP CURVES OF 8 AT THE TAKE OFF POINTS, THE SPEED ON THESE CURVES TO BE KEPT 5 kmph AND A.P.W.I. OF THE SECTION TO ACCOMPANY THE LOAD.



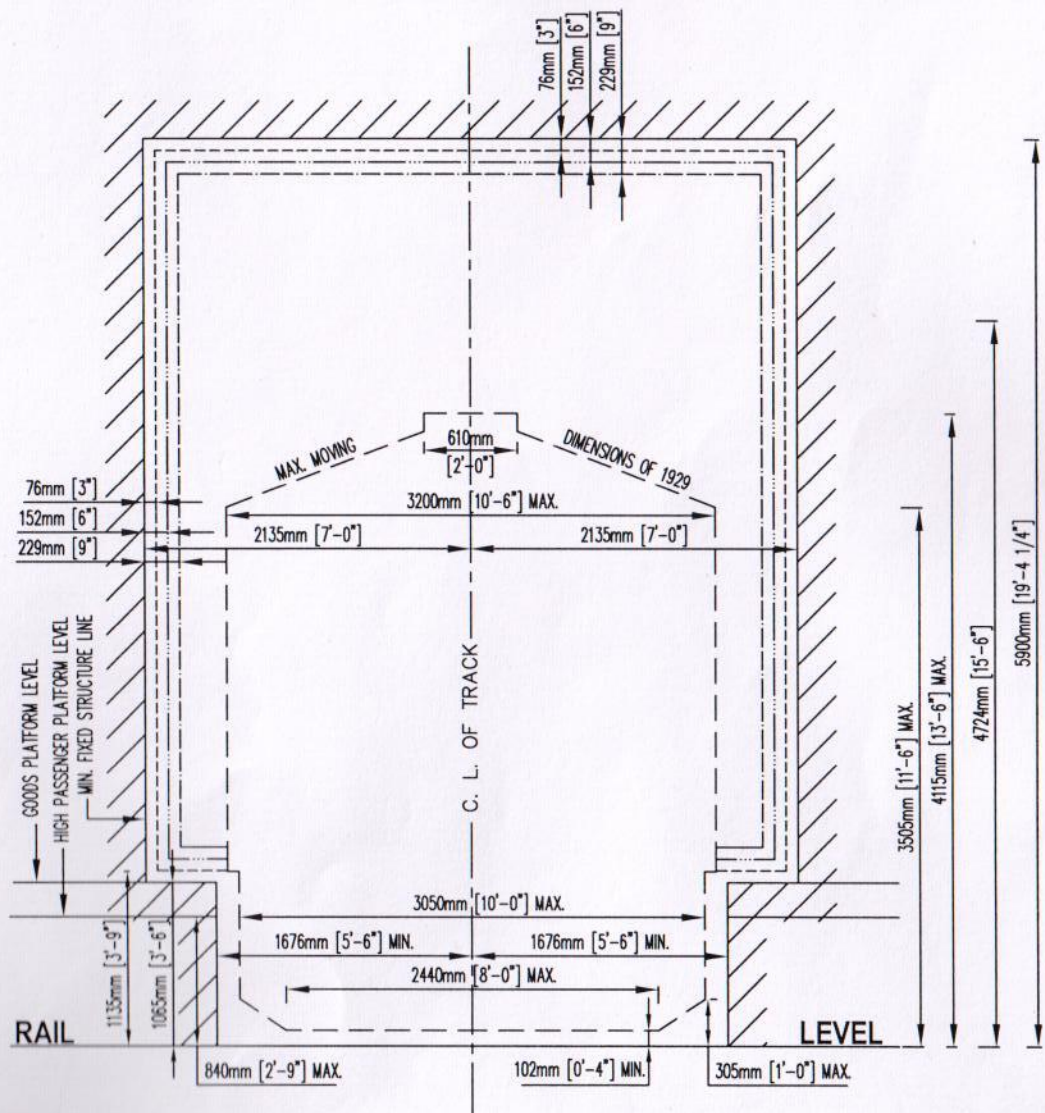
DIVISION : MORADABAD

SECTION : NAJIBABAD(NBD) - KOTDWARA(KTW)

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	NAJIBABAD	1497.65	FOOT OVER BRIDGE	6275 [20'-7"]	3440 [11'-3½"]
2	NAJIBABAD	1497.45	FOOT OVER BRIDGE	5900 [19'-4¼"]	2510 [8'-2¾"]
3	NAJIBABAD	1497.65	MIN. HEIGHT OF CONTACT WIRE	5120 [16'-9½"]	
4	NAJIBABAD	1497.45	MIN. HEIGHT OF CONTACT WIRE	5120 [16'-9½"]	

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.



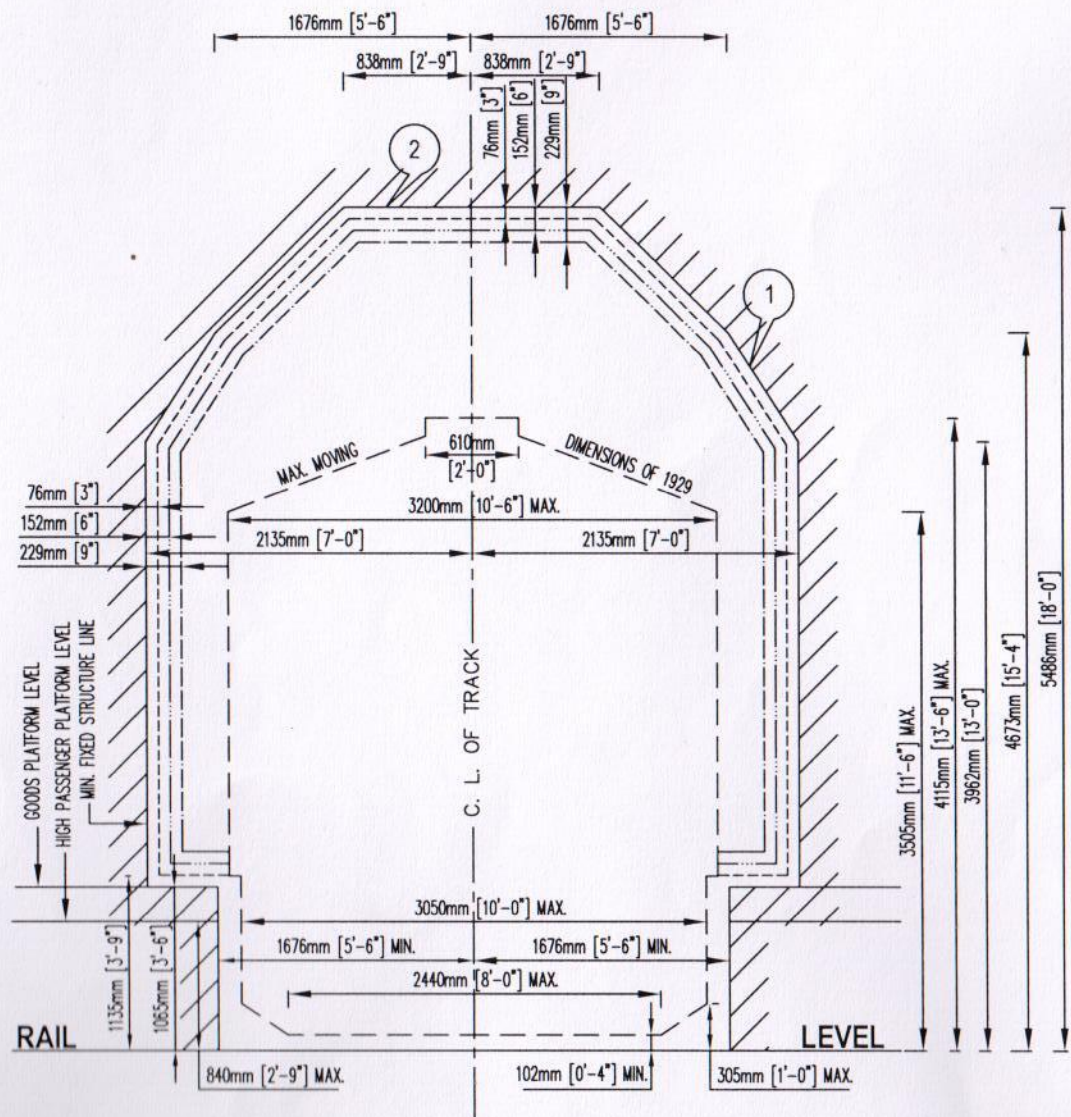
DIVISION : MORADABAD

SECTION : RAIWALA(RWL) - RISHIKESH(RKSH)

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	RAIWALA	38.41	HOME SIGNAL FOR RWL-RKSH Br.	4673 [15'-4"]	1676 [5'-6"]
2	ON THE ROUTE	-	BRIDGE No.6 (SONG RIVER)	5486 [18'-0"]	838 [2'-9"]

NOTES:-

1. NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.



SCALE 1:50

Thomson S.H. Prem Prakash
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SUPDT/D.O.Engg.

DY. C.E/P&D

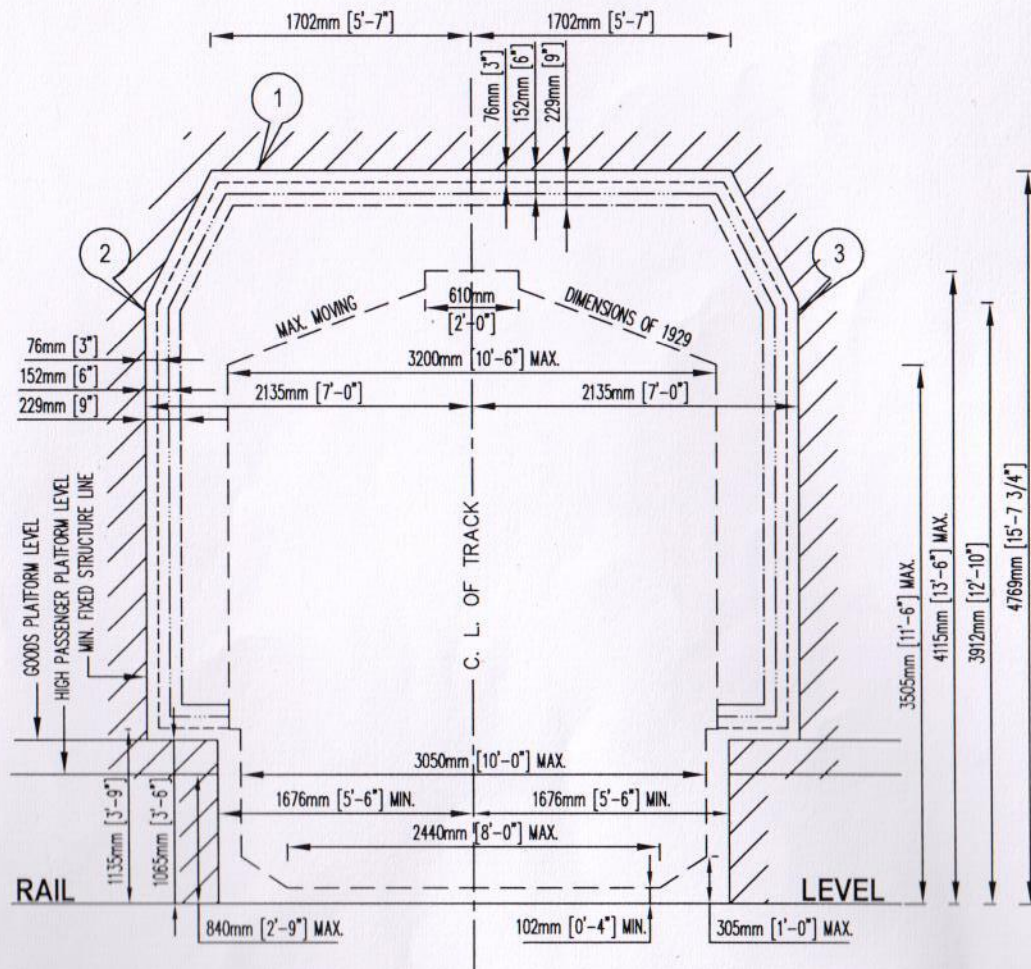
DIVISION : MORADABAD

SECTION : HARIDWAR(HW) - DEHRADUN(DDN)

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	TUNNEL No.1 NEAR HARIDWAR	-	ARCH OF TUNNEL No.1 (ON CURVE R=1432')	4769 [15'-7 $\frac{3}{4}$ "	1702 [5'-7"]
2	TUNNEL No.1 NEAR HARIDWAR	-	ARCH OF TUNNEL No.1 (ON CURVE R=1432')	3912 [12'-10"]	2413 [7'-11"]
3	ON THE ROUTE	-	SIGNAL POST ETC.	-	2135 [7'-0"]
4	TUNNEL No. 1	28/11-17	MIN. HEIGHT OF CONTACT WIRE	4800 [15'-9"]	
5	TUNNEL No. 2	28/20-29/01	MIN. HEIGHT OF CONTACT WIRE	4800 [15'-9"]	
6	FOB	28/11-17	MIN. HEIGHT OF CONTACT WIRE	5100 [16'-8 $\frac{3}{4}$ "	

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- THE LOAD MUST AVOID PLATFORM LINES DUE TO I.R.S. TYPE SHEDS AT:- (i) DEHRADUN-MAIN PLATFORM No.1 & 2, (ii) HW- PLATFORM LINE No. 1, 2 & 3.
- THE FOLLOWING PRECAUTIONS ARE TO BE OBSERVED DURING THE TRANSPORT AND THE LOAD MUST PASS:- (i) DDN- BY LINE No.6, (ii) HW- BY LINE No.4.
- THERE IS NO INFRINGEMENT ON ANTIBIOTICS SIDING AT VRH VIDE AEN/RK LETTER No.W/4 DATED 16-5-69 AS REGARDS SHARP CURVES OF 8' AT THE TAKE OFF POINTS, THE SPEED ON THESE CURVES TO BE KEPT 5kmph & APWM OF THE SECTION TO ACCOMPANY THE LOAD.



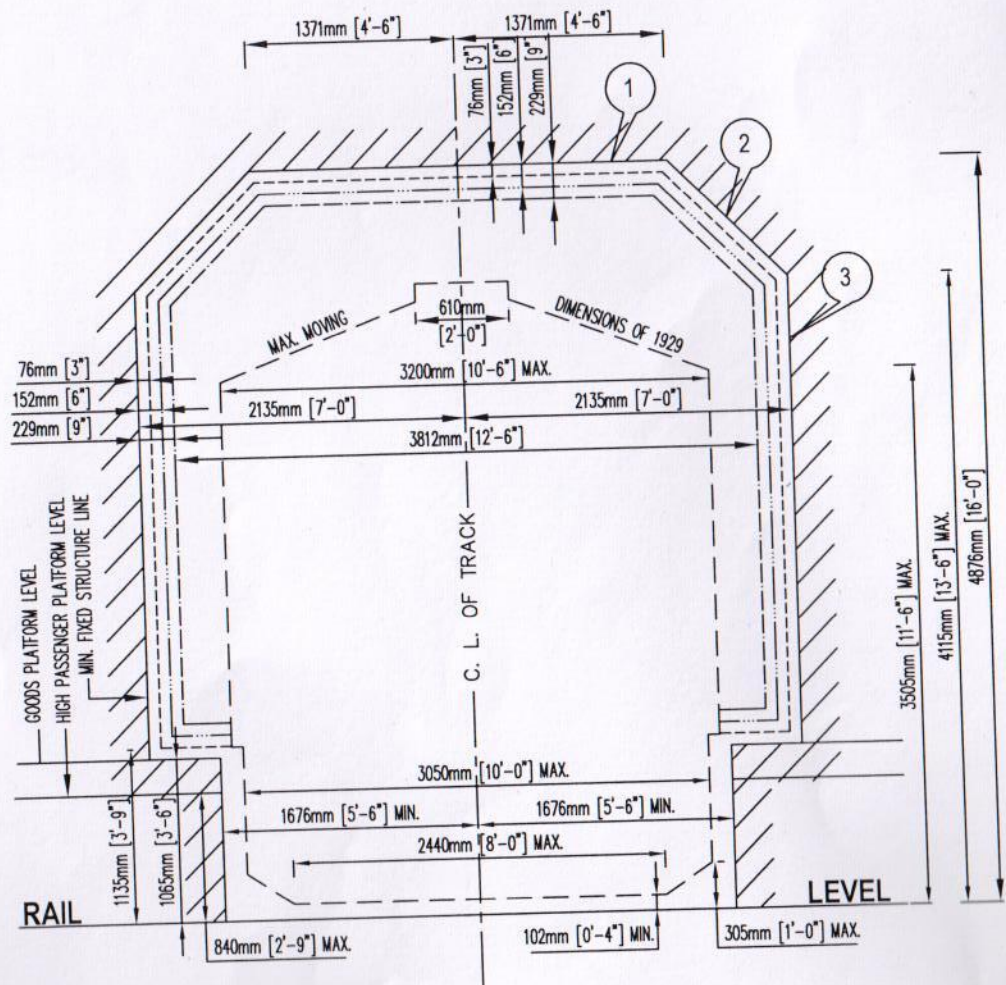
DIVISION : MORADABAD

**SECTIONS : (i) MORADABAD(MB) - GAJRAULA(GJL) - GHAZIABAD(GZB)
(ii) MUAZZAMPUR NARAIN(MZM) - GAJROULA(GJL) [Via Bijnor(BJO)]**

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	MORADABAD - GHAZIABAD	-	SIGNALS AT STATIONS & GIRDER OF GANGA BRIDGE No.52 BETWEEN KANKATHER - GARHMUKHTESAR.	4876 [16'-0"]	1371 [4'-6"]
2	MUAZZAMPUR NARAIN & GAJROULA	-	BRACKETS OF SIGNALS AT HAPUR & OTHER STATION	4115 [13'-6"]	2135 [7'-0"]
3	HAPUR (MB - GZB)	-	SIGNAL POSTS		2135 [7'-0"]
4	FOB	67/11-13	MIN. HEIGHT OF CONTACT WIRE	5120 [16'-9 1/2"]	
5	FOB	67/12-14	MIN. HEIGHT OF CONTACT WIRE	5120 [16'-9 1/2"]	

NOTES:-

1. NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.

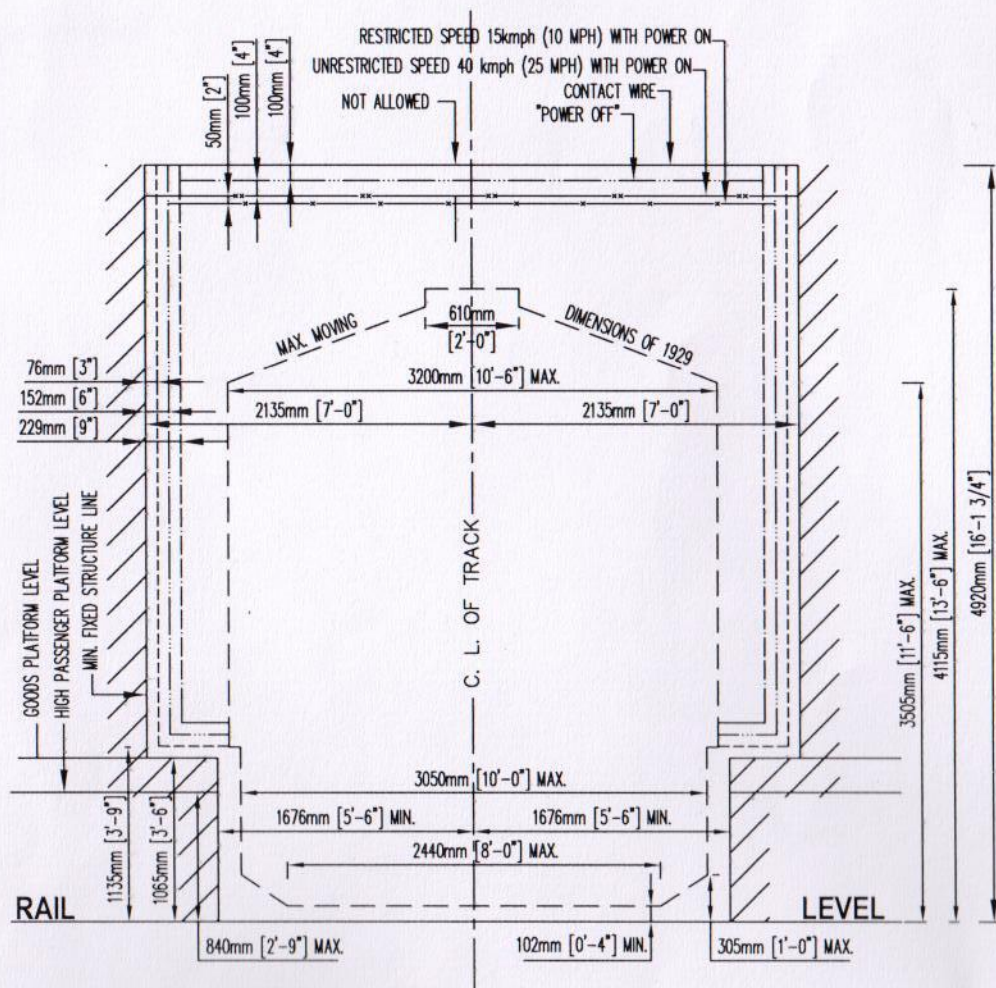


SECTION : KHURJA CITY(KJY) - HAPUR(HPU) - MEERUT CITY(MTC)[Excl. KHURJA CITY(KJY)]

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	BRIDGE No. 32-A	14/8-9	HEIGHT OF GIRDER	6000 [19'-8 $\frac{1}{4}$ "	
2	BRIDGE No. 32-A	14/8-9	MIN. HEIGHT OF CONTACT WIRE	4920 [16'-1 $\frac{3}{4}$ "	
3	ROB	58/11-12	MIN. HEIGHT OF CONTACT WIRE	5020 [16'-5 $\frac{3}{4}$ "	

NOTES:-

1. NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.



SCALE	1: 50
Thomson C.F. COMPUTERISED BY	Prem Prakash CORRECTED BY

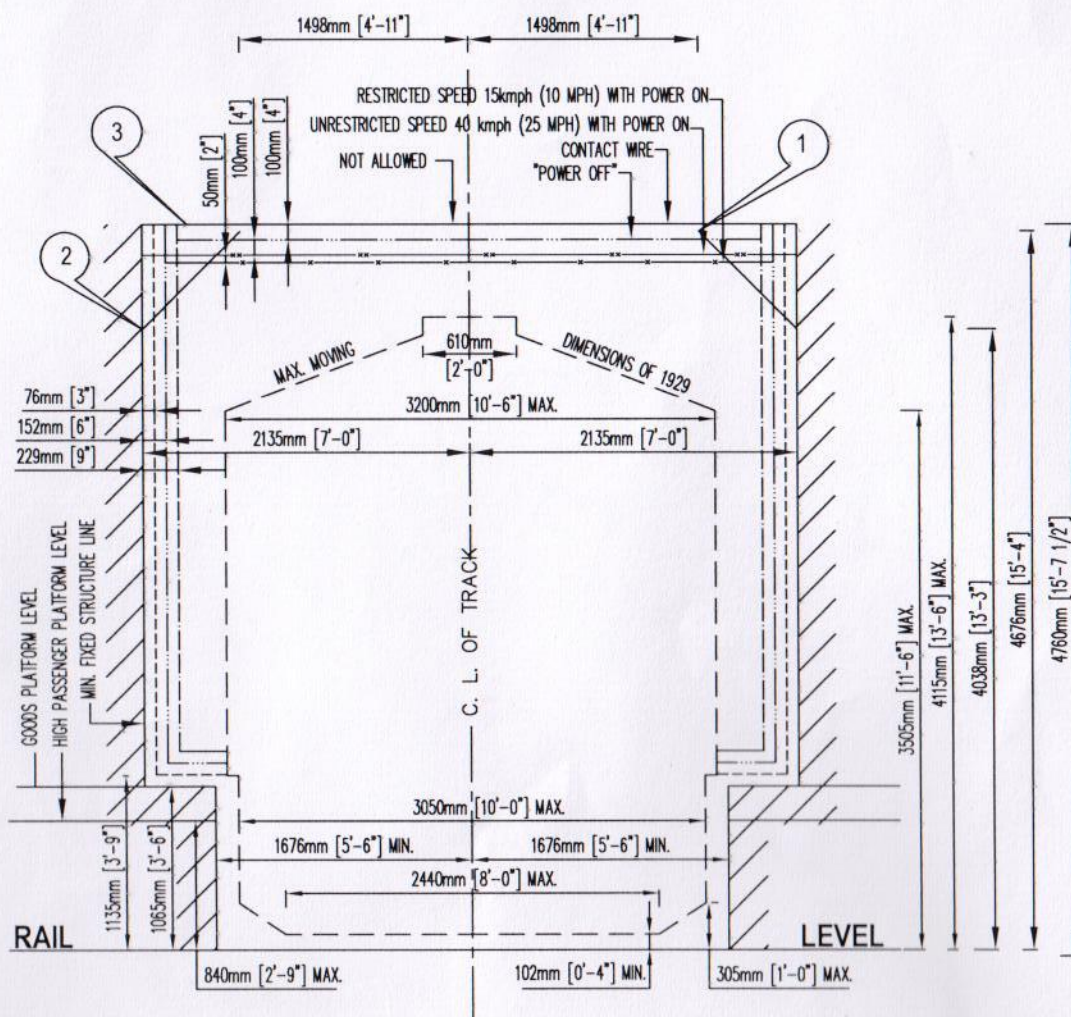
DIVISION : MORADABAD

SECTION : LUCKNOW(LKO) - LAKSHAR(LRJ)

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	ON THE ROUTE	-	KNEE BRACKETS OF RAM GANGA Br. No.1137	4676 [15'-4"]	1498 [4'-11"]
2	ON THE ROUTE	-	KNEE BRACKETS OF RAM GANGA Br. No.1137	4038 [13'-3"]	2135 [7'-0"]
3	FOB (MB YARD)	1399/1-3 1399/2-4	MIN. HEIGHT OF CONTACT WIRE	4760 [15'-7 1/2"] 4820 [15'-9 3/4"]	
4	ROB	1400/18-20	MIN. HEIGHT OF CONTACT WIRE	5090 [16'-8 1/2"]	
5	ROB	1230/31-33 1230/32-34	MIN. HEIGHT OF CONTACT WIRE	4950 [16'-3"] 4950 [16'-3"]	

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- THE LINES ARE TO BE AVOIDED AT: - i) HARDOI, ii) ANJHI, iii) SANDILA - HARDOI : ALL LINES EXCEPT LINE No.4 & 5, iv) ANJHI & SANDILA : ALL LINES EXCEPT DN MAIN LINE, v) SHAHJAHANPUR : ALL LINES EXCEPT LINE Nos. 4 & 5, vi) MORADABAD : ALL LINES EXCEPT LINE No. 1, 4, 8 AND 9(P/F LINES) AND LINE No. 2 & 3, vii) LAKSAR : ALL LINES EXCEPT LINE No.2 AND viii) BAREILLY : LINE No. 5 OF COACHING YARD.
- THE FOLLOWING SPECIAL PRECAUTIONS MUST BE OBSERVED FOR 'C' CLASS LOADS :- LOAD TO STOP DEAD AT THE APPROACHES OF THE RAM GANGA Br. No.1137 AT KATHGHAR AND PASS THROUGH THEM AT 8 kmph UNDER SUPERVISION OF A COMPETENT SSE/C&W.



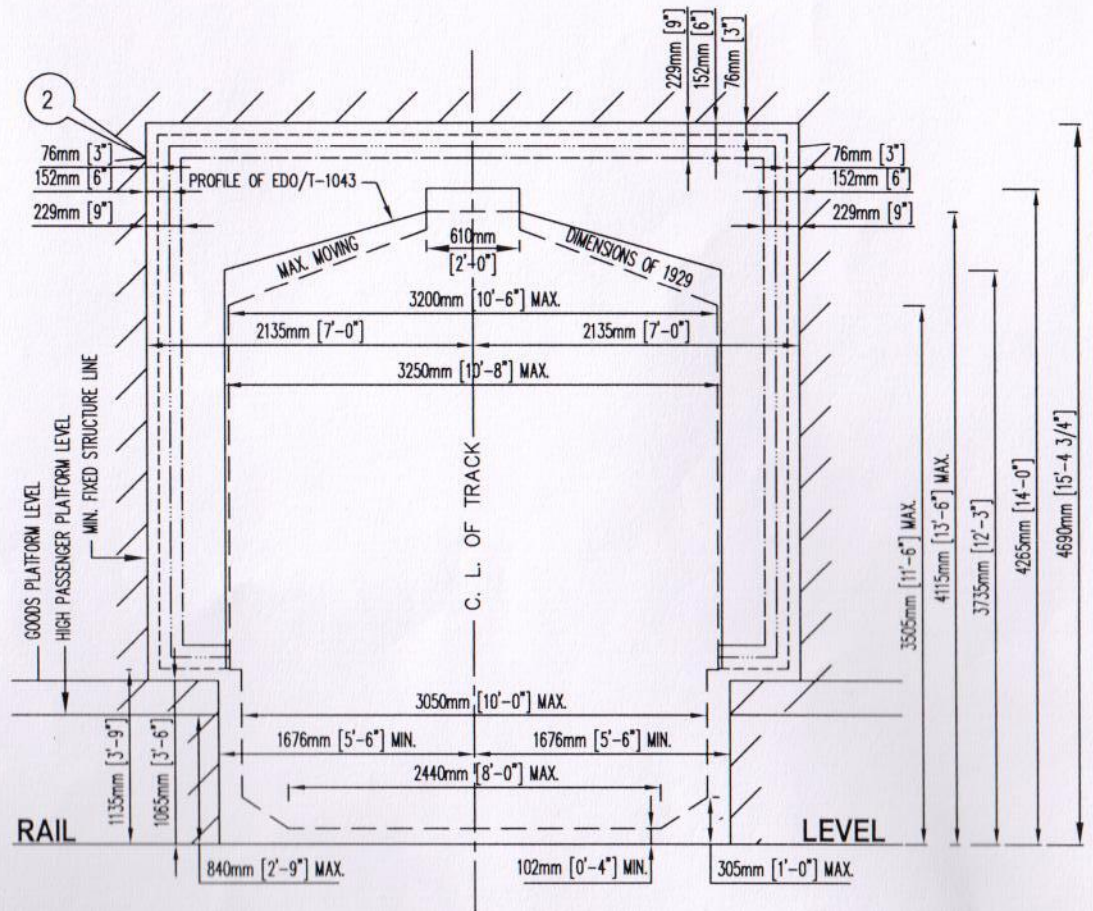
DIVISION: AMBALA

SECTION : RAJPURA(RPJ) - BATHINDA(BTI) [Via. Dhuri(DUI)]

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	DHURI	77.98	F.O.B. (Line No.1&2) LINE NO. 1 LINE NO. 2 LINE NO. 3	4930 [16'-2"] 5040 [16'-6 1/2"] 5030 [16'-6"]	
2	ON THE SECTIONS		ISOLATED SIDE STRUCTURES SUCH AS SIGNAL POSTS & TRESTLES OF F.O.B. ETC.		2135 [7'-0"]
3	PATIALA	25.26	F.O.B. ON LINE No. 1&2 LINE NO. 1 LINE NO. 2	4950 [16'-3"] 4880 [16'-0 1/4"]	2160 [7'-1"]
4	BARNALA	108/10-11	F.O.B. (Line No. 1 to 4)	6600	2135 [7'-0"]
5	RAMPURAPHUL	140/0-1	F.O.B. (Line No. 1 to 4)	4690 [15'-4 3/4"]	
6	BTI (FZR END)	173.38	F.O.B. (Line No. 8)	4730 [15'-6 1/4"]	

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- OVERSIZED LOAD SHOULD NOT BE ALLOWED TO PASS OVER GOODS SHED LINE AT PATIALA.



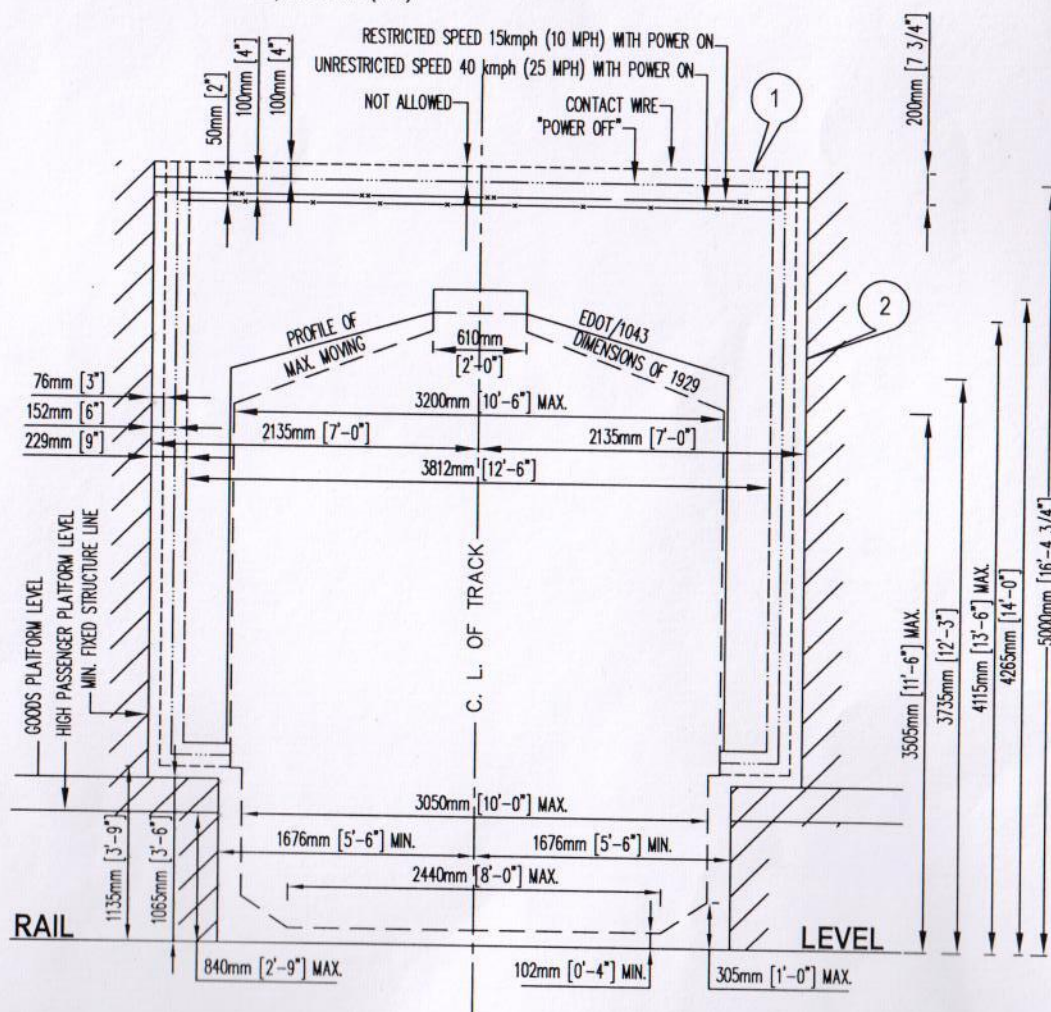
DIVISION : AMBALA

SECTION : AMBALA CANTT.(UMB) - LUDHIANA(LDH)

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	ROB KALIPALTON (UMB YARD)	262/39-41 UP M/L 2191-262/42 DN M/L	MINIMUM HEIGHT OF CONTACT WIRE	5200 [17'-0" 3/4"] 5200 [17'-0" 3/4"]	-
2	ON THE ROUTE	-	ISOLATED SIDE STRUCTURE SUCH AS SIGNAL POSTS & TRESTLES OF FOB ETC.	-	2135 [7'-0"]
3	RPJ - ROB	291/5-7 291/4-6	MINIMUM HEIGHT OF CONTACT WIRE	5000 UP M/L 5000 DN M/L	-
4	SIR - FOB	315/2018-20 DN L LINE No. 5 LINE No. 6	MINIMUM HEIGHT OF CONTACT WIRE MINIMUM HEIGHT OF CONTACT WIRE MINIMUM HEIGHT OF CONTACT WIRE	5280 5250 5660	-
5	SIR - FOB	315/9-11 UP M/L UP L DN M/L LINE No. 7	MINIMUM HEIGHT OF CONTACT WIRE MINIMUM HEIGHT OF CONTACT WIRE MINIMUM HEIGHT OF CONTACT WIRE MINIMUM HEIGHT OF CONTACT WIRE	5640 5450 5370 5660	-

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- OVERSIZED LOADS SHOULD NOT BE TAKEN ON THE FOLLOWING LINES:
 - PASSENGER PLATFORM LINE Nos. 2, 3 & 4 DUE TO ASBESTOS SHEET PASSENGER SHELTER AT AMBALA CANTT.(UMB).
 - UP LOOP LINE AT RAJPURA(RPJ).
 - ALL TRANSIT & GOODS SHED LINES ON AMBALA(UMB) - LUDHIANA(LDH) SECTION.
- 'C' CLASS O.D.C NOT PERMITTED AT ROB/RAJPURA (RPJ)



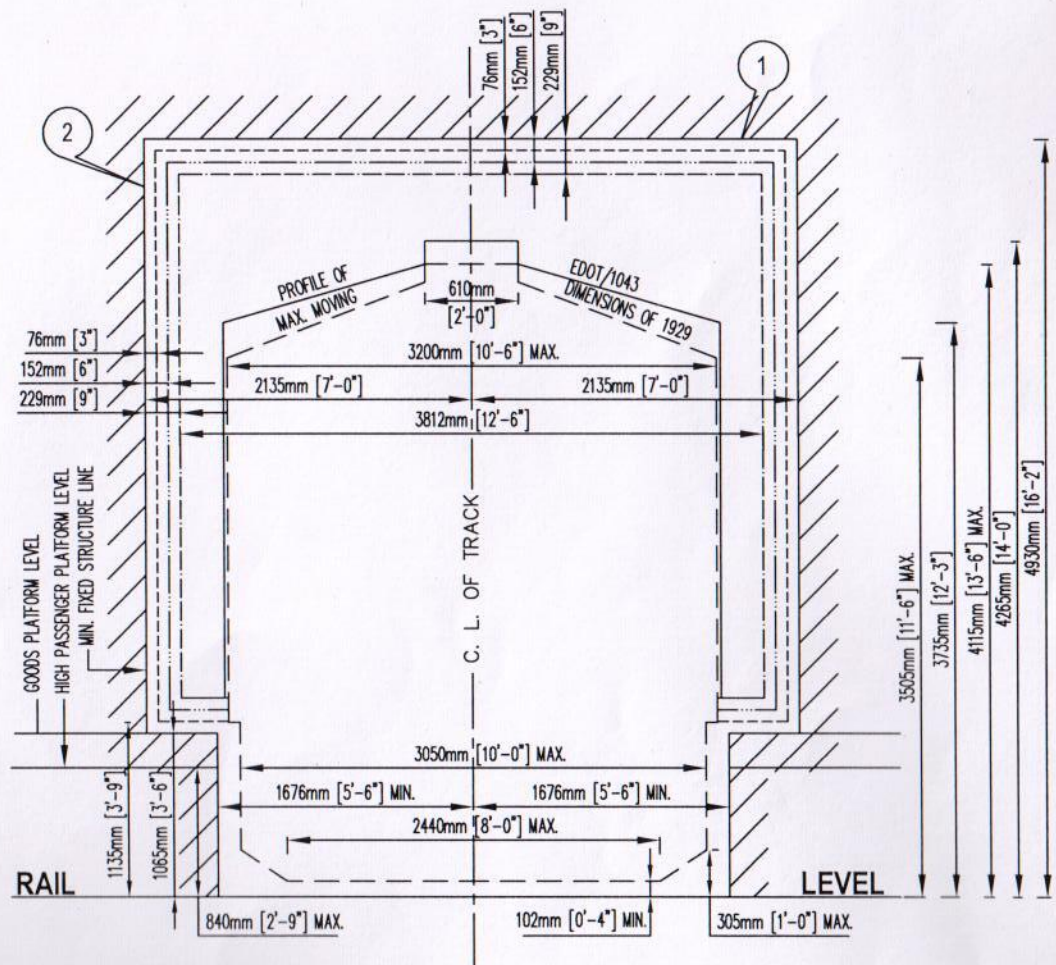
DIVISION : AMBALA

SECTIONS : (i) LUDHIANA(LDH) - DHURI(DUI) - JAKHAL(JHL) - HISAR(HSR)
[Excl. LUDHIANA(LDH), DHURI(DUI), JAKHAL(JHL) & HISAR(HSR)]

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	DHURI YARD	61/9-10	FOB LINE NO. 1 LINE NO. 2 LINE NO. 3	4930 [16'-2"] 5040 [16'-6 1/2"] 5030 [16'-6"]	-
2	LUDHIANA(LDH) Sunam Yard	89/8-9	ROB	6300 [20'-8"]	-
3	ON THE ROUTES	-	ISOLATED SIDE STRUCTURES SUCH AS SIGNAL POSTS & TRESTLES OF FOB ETC.	-	2135 [7'-0"]

NOTES:-

1. NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.



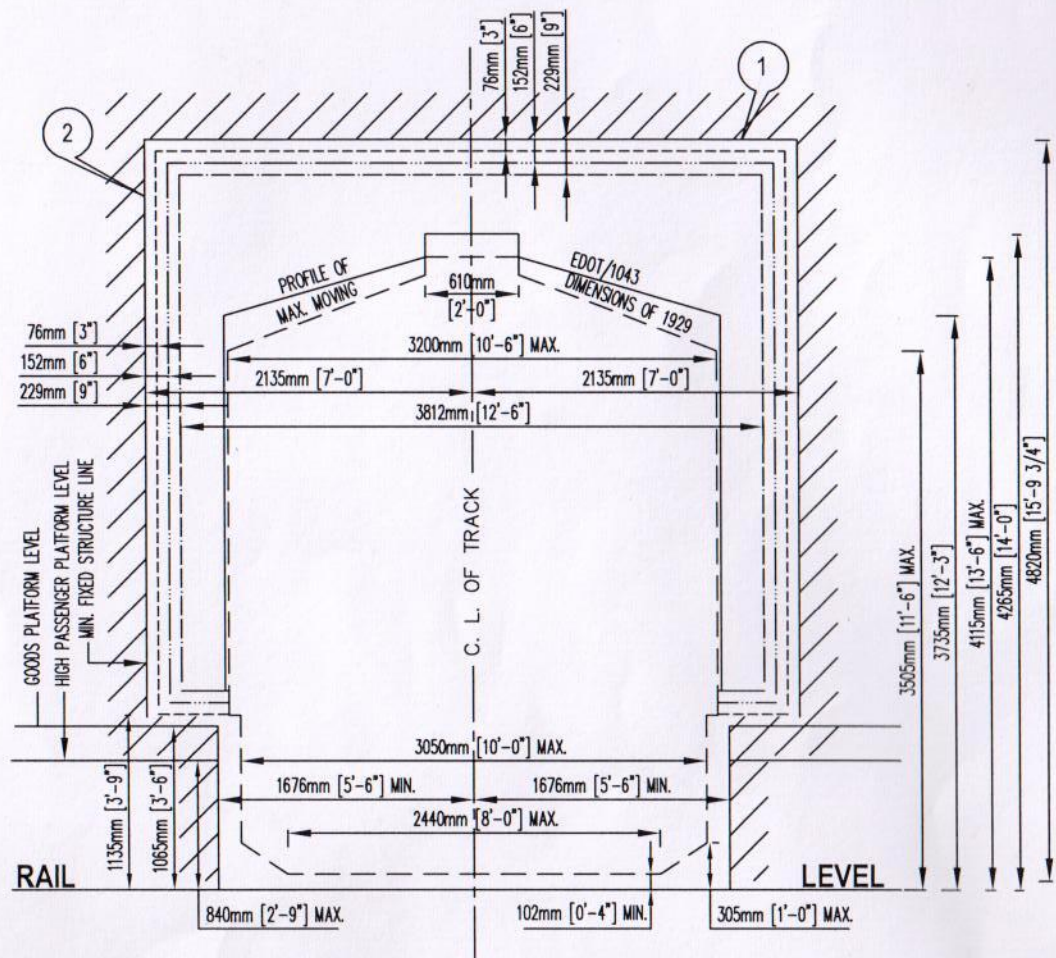
DIVISION : AMBALA

SECTIONS : (i) SHRIGANGA NAGAR(SGNR) - ABOHAR(ABS) - BATHINDA(BTI)
[Excl. BATHINDA(BTI), SHRIGANGA NAGAR(SGNR)]

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	ABOHAR(ABS)	73.41	FOB	4820 [15'-9 $\frac{3}{4}$ "	2300 [7'-6 $\frac{1}{2}$ "
2	ON THE ROUTES	-	ISOLATED SIDE STRUCTURES SUCH AS SIGNAL POSTS & TRESTLES OF FOB ETC.	-	2135 [7'-0"]


NOTES:-

1. NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.



SCALE	1: 50
<i>Thomson E.P.</i> COMPUTERISED BY	<i>Prem Prakash</i> CORRECTED BY

52(a)

			<i>Singh</i>
SUPDT/D.O.Engg.			DY. C.E/P&D

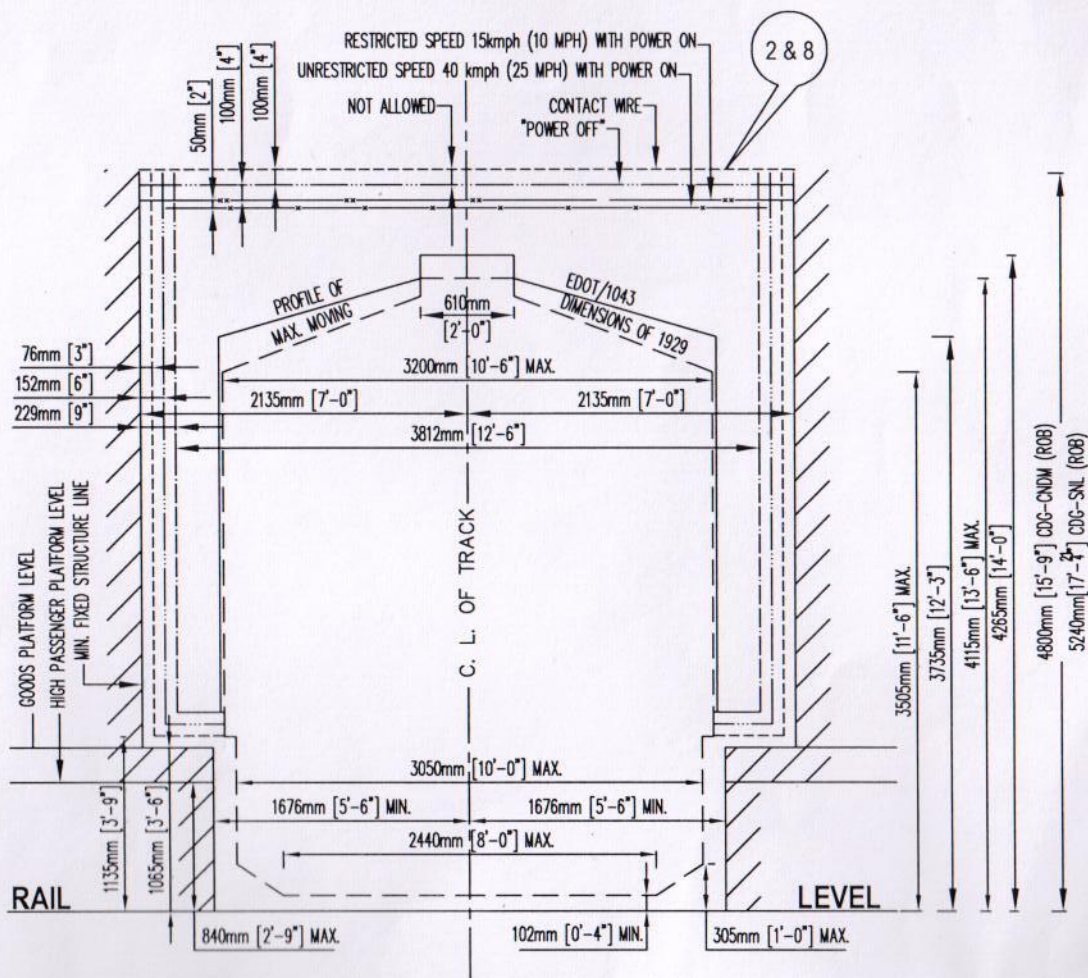
DIVISION : AMBALA

SECTION : (i) AMBALA(UMB) - KALKA(KLK)
(ii) CHANDIGARH(CDG) - MORINDA(MRND)
(iii) NEW MORINDA(NMDA) - SANEHWAL(SNL)

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	Br. No. 239-A [AMBALA(UMB) - DHULKOT(DKT)]	200/10-201/1	ROB (120mm)	4990 [16'-4 1/2"]	-
2	Br. No. 312-A [CHANDIGARH(CDG) - CHANDI MANDHIR(CNDM)]	248/15-16	ROB (410mm)	4800 [15'-9"]	-
3	ON THE ROUTE		ISOLATED SIDE STRUCTURES SUCH AS SIGNAL POSTS & TRESTLES OF FOB ETC.	-	2135 [7'-0"]
4	CHANDIGARH STATION (R.O.B)	243/4-5	HEIGHT OF CONTACT WIRE	4850 [15'-11"]	-
5	KALKA (R.O.B)	266/7-8	HEIGHT OF CONTACT WIRE	5000 [16'-4 3/4"]	-
6	UMB-DKT (R.O.B)	203/1-3	HEIGHT OF CONTACT WIRE	5470	-
7	GHC-DHPR (R.O.B)	229/11-12	HEIGHT OF CONTACT WIRE	5420 [17'-9 1/2"]	-
8	CDG-SNL (R.O.B.)	NMDA/1040-1042	HEIGHT OF CONTACT WIRE	5240 [15'-11"]	-

NOTES:-

1. NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.



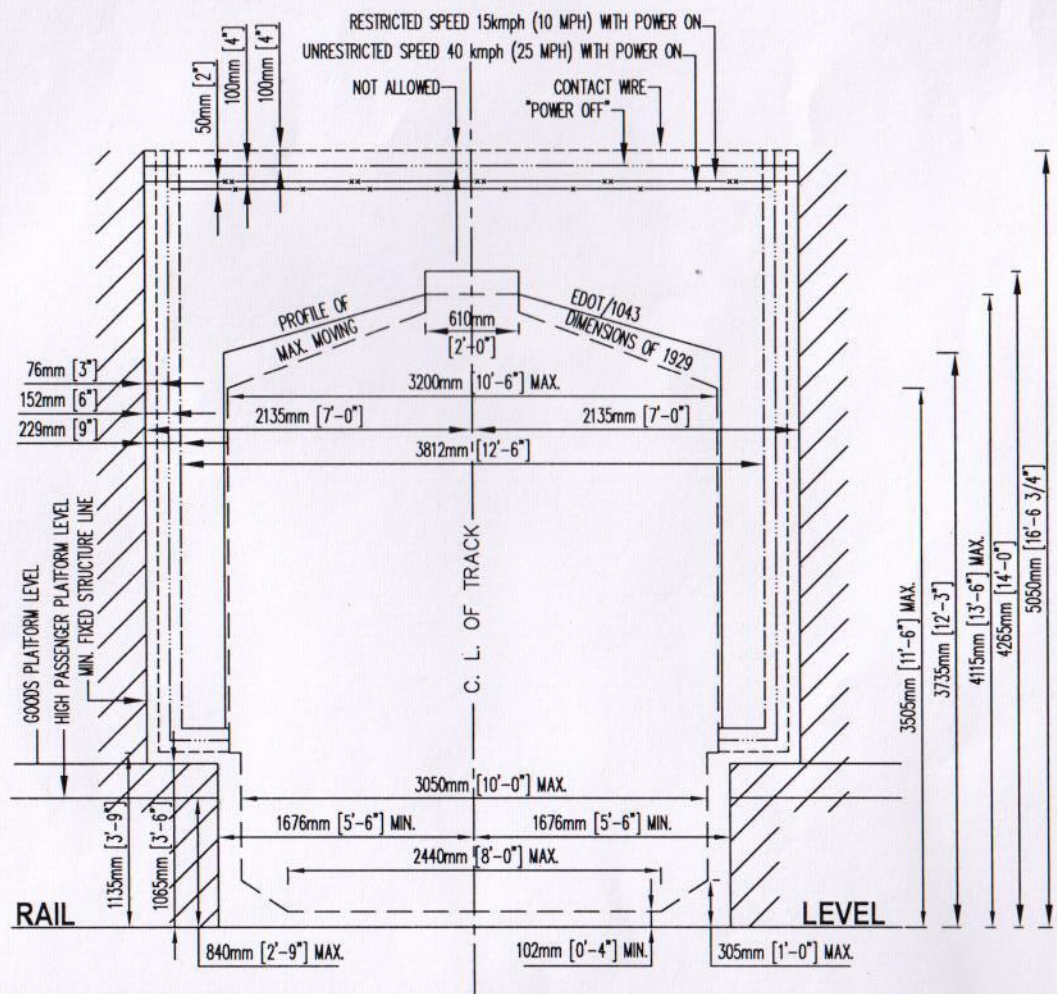
DIVISION : AMBALA

SECTION : SIRHIND(SIR) - NANGAL DAM(NLDM) - UNA HIMACHAL(UNA)

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	ON THE ROUTE		ISOLATED SIDE STRUCTURES SUCH AS SIGNAL POSTS & TRESTLES OF FOB ETC.	-	2135 [7'-0"]
2	ANANDPUR SAHIB-BHANUPALI (ROB)	87/2-3	HEIGHT OF CONTACT WIRE	5050 [16'-6 3/4"]	-
3	NMDA STATION (FOB)	21/1-2	HEIGHT OF CONTACT WIRE	5400 [17'-8 1/2"]	-
4	NMDA-MRND (ROB)	21/9-10	HEIGHT OF CONTACT WIRE	5400 [17'-8 1/2"]	-
5	KRLI STATION AREA (ROB)	32/4-5	HEIGHT OF CONTACT WIRE	5410 [17'-9"]	-

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.



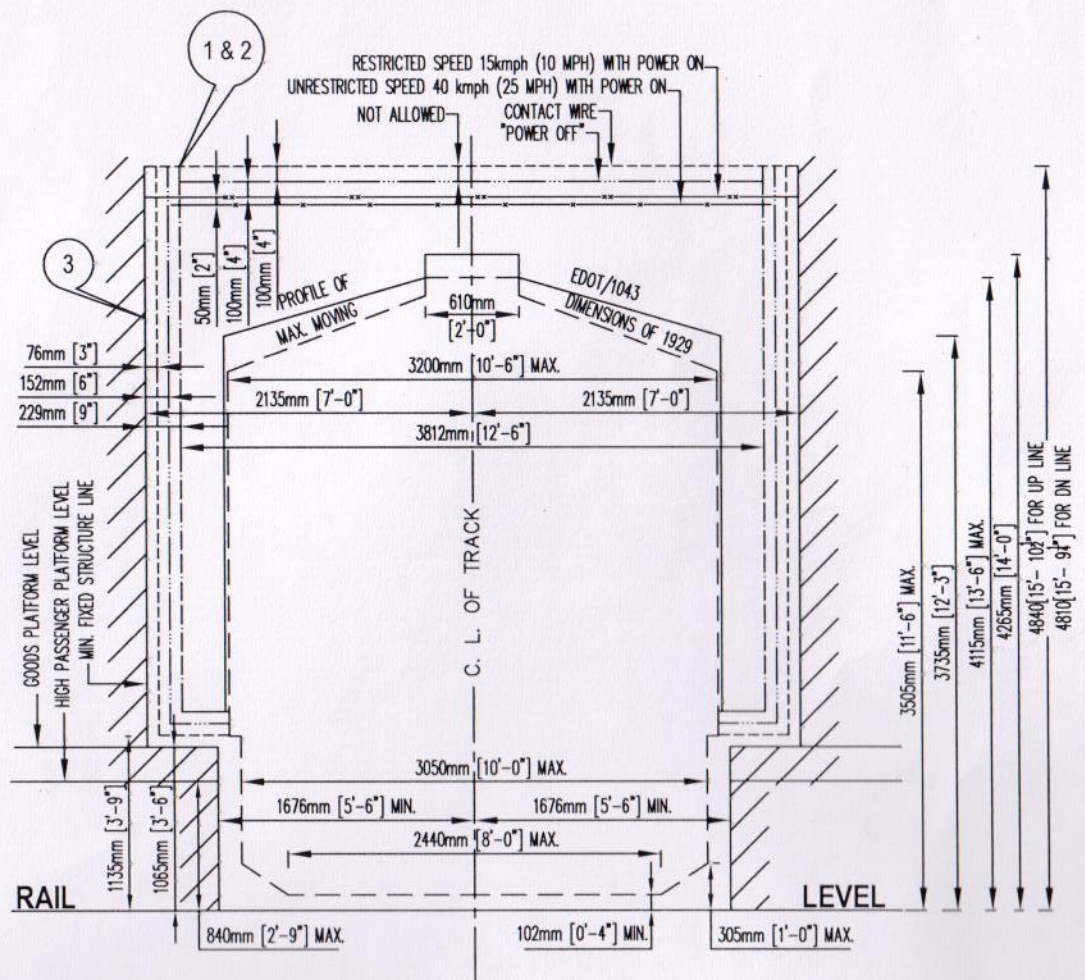
DIVISION : AMBALA

SECTION : AMBALA(UMB) - SAHARANPUR(SRE)

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1	Br. No. 297A - R.O.B. / SRE END	261/5-7	HEIGHT OF CONTACT WIRE UP LINE	4840 [15'-10 $\frac{1}{2}$ "	-
2	AMBALA YARD	261/6-8	HEIGHT OF CONTACT WIRE DN LINE	4810 [15'-9 $\frac{1}{4}$ "	-
3	ON THE ROUTE	-	ISOLATED SIDE STRUCTURES SUCH AS SIGNAL POSTS & TRESTLES OF FOB, ETC.	-	2135 [7'-0"]

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- OVER SIZED LOADS SHOULD NOT BE TAKEN ON THE FOLLOWING LINES:-
 - PASSENGER PLATFORM LINES AT SAHARANPUR(SRE).
 - PASSENGER PLATFORM LINE Nos. 2, 3 & 4 ON AUSBUSTOS SHEET PASSENGER SHELTER AT AMBALA.
 - ALL TRANSIT AND GOODS SHED LINES ON SAHARANPUR(SRE) - AMBALA(UMB) SECTION.



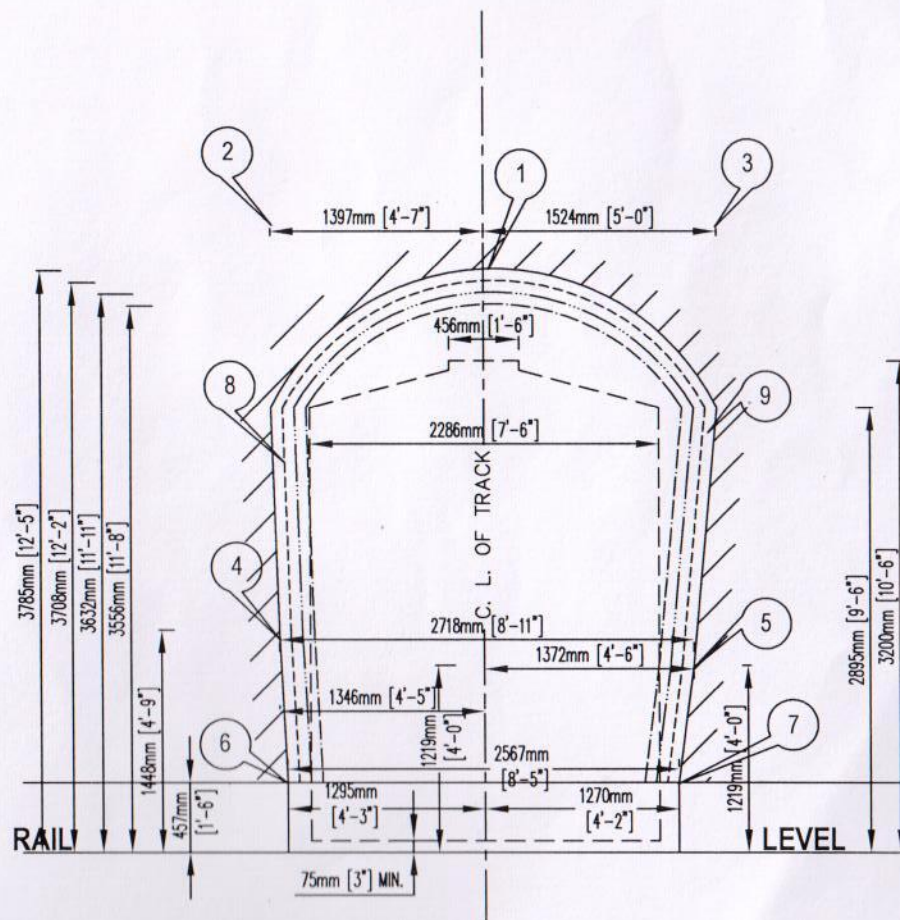
DIVISION : AMBALA

SECTION : KALKA(KLK) - SHIMLA(SML) [N.G.]

PARTICULARS OF THE LIMITING STRUCTURE				DIMENSIONS	
REF. No.	LOCATION	km.	INFRINGEMENTS	ABOVE R.L.	FROM C.L. OF TRACK
1.	ON THE ROUTE	-	TUNNEL No. 103, 269.30m (94'-11") FROM KALKA(KLK) END TOWARDS SHIMLA(SML)	3785[12'-5"]	-
2.	ON THE ROUTE	-	HILLOCKI 6764(55'-0") TOWARDS KALKA(KLK) FROM BRIDGE No. 430	2895[9'-6"]	1397[4'-7"]
3.	ON THE ROUTE	-	TUNNEL No. 33(ABUTMENT) 1219m (4'-0") FROM MANHOLE No.47 TOWARDS KALKA(KLK)	2895[9'-6"]	1524[5'-0"]
4.	ON THE ROUTE	-	TUNNEL No. 63(ABUTMENT) 6865m (55'-4") FROM KALKA(KLK) END TOWARDS SHIMLA(SML)	1448[4'-9"]	1346[4'-5"]
5.	ON THE ROUTE	-	TUNNEL No. 10(ABUTMENT) 4876m (16'-0") FROM MANHOLE No.22 TOWARDS KALKA(KLK)	1219[4'-0"]	1372[4'-6"]
6.	ON THE ROUTE	-	DISC IN DMP YARD 1219(4'-0") FROM FACE OF OVER BRIDGE TOWARDS KALKA(KLK)	457[1'-6"]	1295[4'-3"]
7.	ON THE ROUTE	-	TUNNEL No. 10(ABUTMENT) 4876m (16'-0") FROM MANHOLE No.22 TOWARDS KALKA(KLK)	457[1'-6"]	1270[4'-2"]
8.	ON THE ROUTE	-	TUNNEL No. 103, 100.10m (32'-10") FROM KALKA(KLK) END TOWARDS SHIMLA(SML) LHS	2770[9'-1"]	1600[5'-3"]
9.	ON THE ROUTE	-	TUNNEL No. 103, 7.70m (2'-6 1/4") FROM KALKA(KLK) END TOWARDS SHIMLA(SML) RHS	2900[9'-6 1/4"]	1150[3'-9 1/4"]

NOTES:-

- NOTE 1 TO 12 WILL BE SAME AS SHOWN IN SHEET CONTAINING COMMON SET OF NOTES/INSTRUCTIONS.
- THERE IS NO QUESTION OF PASSING ANY 'C' CLASS LOADS THROUGH ANY TONNEL HAVING AN INFRINGEMENT VIDE DEN/III LETTER AT S.N. 78 AND FURTHER ENC/G'S ORDERS AT P.P. 41 & 42 OF CASE No.841W/12.



SCALE

1: 50

Thomson S.P.
COMPUTERISED BYPrem Prakash
CORRECTED BY

56

SUPDT/D.O.Engg.

BY: C.E./PAO