

कार्यालय
महाप्रबन्धक/इंजीनियरिंग
पूर्वोत्तर रेलवे
गोरखपुर - 273012



Office of the
General Manager / Engg.
North Eastern Railway
Gorakhpur - 273012

Chief Engineer's Circular No. 103 of 2022

Sub : Guidelines for Approval of Engineering Drawings

Ref : (1) Railway Board letter no.2017/CE-I/CT/13/Procedure Simplification dated 20.10.2017.
(2) Railway Board letter no.2021/2/CE-III/BR/1/Bridge Policy dated 28.10.2021

Railway Board has issued instructions for approval of engineering Drawings vide letter under reference (1) above. Accordingly, henceforth, following instructions shall be followed for approval of Engineering Drawings.

1.0 General:-

- 1.1 Schematic/Conceptual plan should be finalized before proposing a work for sanction so that proposal itself is realistic
- 1.2 No work shall be carried out without an approved plan by competent authority.
- 1.3 Once a plan is approved by Competent Authority for any purpose/work, the same should not be altered for the same purpose/work. If unavoidable, approval of all incumbent officers of the concerned departments, involved in alteration work, should be taken.
- 1.4 All General Arrangement Plans/Drawings (GAD) should be prepared on AutoCAD and shall be approved on e-Das.

2.0 All GADs except drawings involving construction/modification of yards and Bridges(including ROB,RUB,FOB,ROR flyover etc) shall be approved in division (DRM) as detailed in Railway Board letter dated 20.10.2017 (Annexure-I).Plans of the following work besides yards and bridges as mentioned in Railway board letter dated 20.10.17 also require approval from HQ (Open Line) :-

- 2.1 The general arrangement drawing of all buildings should have prior approval of Concerned SAG officers in the office of Principal chief engineer as per IRWM para 203.
- 2.2 No additions / alterations in station buildings and other important structure without the prior approval of general arrangement drawing by Concerned SAG officers in the office of Principal chief engineer as per IRWM para 203.
- 2.3 Additions/ alterations to standard type quarters should not be carried out without the prior approval of Principal chief engineer as per IRWM para 218

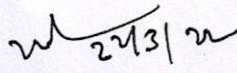
- 2.4 In case of new lines/doublings/gauge conversions, General Arrangement Drawings (GADs) for Railway Bridges where linear waterway is being reduced or vertical clearances are inadequate and where construction is likely to affect any of the existing Bridges (during construction or during service), after clearance of concerned divisional branch officers and DRM, shall be approved by Chief Bridge Engineer (CBE) of the concerned Zonal Railway as per IRBM para 317.
- 2.5 Launching schemes of all ROB/RUBs/FOBs/Rail flyovers, which shall affect the existing lines, after clearance of concerned divisional branch officers and DRM, shall require approval of Chief Bridge Engineer of the concerned Zonal Railway as per IRBM para 317.
- 3.0 In case of works being executed by Construction Organization, if approval of HQ (Open Line) is required, the plans need to be signed by concerned Construction Officers, Divisional Officers & SAG rank concerned officer of the Construction Organization before finally submitting to PCE's Office for approval.
- 4.0 In case of Railway works like New Line, Doubling, Gauge conversion Yard remodelling, Construction of Bridges, Buildings or any other structure etc being executed by Govt. undertaking agencies on behalf of railways, all kinds of General Arrangement Drawings/Plans for various structures and facilities such as bridge, station and service buildings etc., yard arrangement plan and L section, which are required to be approved by HQ, should be submitted to HQ (Open line) through concerned Division with the approval of Divisional officers and DRM for approval.
- 5.0 In case of any works being executed by Govt. undertaking agencies having control over operation and maintenance like Dedicated freight corridor corporation, General Arrangement Drawings/Plans for various structures and facilities such as bridge, yard arrangement etc. Which affect the existing railway infrastructure required to be approved by HQ, should be submitted to HQ (Open line) through concerned Division with the approval of Divisional officers and DRM for approval.
- 6.0 The Design Offices of the Railway will provide access to designs and drawings already approved on the Railway, especially for Bridges and Buildings, so that the same can be adopted in the Project by PSUs. For structures where standard RDSO drawings are not adopted, PSUs will prepare all working drawings including Structural Designs and Drawings as per relevant Railway standards and codes which will be proof checked by an independent consultant appointed by PSUs. Proof checking of bridges will be done by an IIT/NIT or by any other Institution/Consultant of repute approved by CBE. These designs will not require approval of the Zonal Railway. However, the drawings so proof checked will be approved by concerned CPM before issuing the same for execution.
- 7.0 ADRM/Tech. (Or as nominated by DRM) of the division will be responsible for ensuring that the GADs are cleared / approved by all concerned branch officer within a fixed time. ADRM Tech. (Or as nominated by DRM) should get GADs signed at divisional level in a meeting to be conducted for the purpose instead of file shuffling among divisional officers. A suitable mechanism may be devised by division. It must be ensured that site feasibility and other technical issues are resolved at divisional level by respective technical branch officers before forwarding GADs to HQ for approval.
- 8.0 ADRM/Tech (Or as nominated by DRM) of the division and Chief Engineer/Construction (in case of construction works) will be responsible for ensuring that the GADs/Drawings being submitted to Headquarter are complete and correct and must comply the different technical instructions/codes/manuals etc. to facilitate expeditions approved at Headquarter level.

9.0 Based on the above instructions, the indicativelist of plans/drawing which can be approved at Divisional level by DRM is enclosed as annexure-II and Indicative list of the plans/drawings which are required approval at HQ level is enclosed as Annexure-III. The list provided in Annexure-II and III are subject to modification/revision from time to time in the light of new instructions/guidelines.

10.0 This issues with the approval of Principal Chief Engineer, NE Railway , Gorakhpur.

This has approval of PCE/NER.

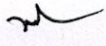
DA:-as above


(RAJEEV VERMA)
Chief Engineer/P&D

No. W/98/Yard Plan Ploicy/DRG/340,

Dated : 22.03.2022

Copy to:-

1. PCOM, PCCM, PCEE, PCSTE, PCME HQ. Office, Gorakhpur
 2. All HOD and DYCE of Engineering department HQ. Office, Gorakhpur
 3. In charges of SSE/DRG and Chief Office Supdt./Co-ord./Engg./ NE. Railway, Gorakhpur.
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भारत सरकार Government Of India
रेल मंत्रालय Ministry Of Railways
(रेलवे बोर्ड) (Railway Board)

No. 2017/CE-I/CT/13/Procedure Simplification

New Delhi, dated 20.10.2017

General Managers
All Indian Railways

Sub: Approval of Engineering Drawings

Presently, the approval of engineering drawings takes lot of time, which also delay the execution of work. To expedite approval of engineering drawings, Board (ME, CRB) has approved the following:

1. All GADs, except drawings involving construction/ modification of yards, and Bridges (including ROB, RUB, FOB, ROR flyover etc.) shall be approved at the level of division. The structural design & drawing work shall be carried out by open line or construction organisation who is the executing agency for the work.
2. GADs involving construction/modification of yards, where open line is the executing agency, after clearance by all concerned divisional branch officers and DRM, shall be examined by CTPM in HQ and approved by CPDE.
3. GADs involving construction/modification of yards, where construction organisation is the executing agency, after clearance by all concerned divisional branch officers and DRM, shall be examined by CTPM in HQ and approved by CPDE.
4. GADs of Bridges (including ROB, RUB, FOB, ROR flyover etc.), where executing agency is open line, after clearance by concerned divisional branch officers and DRM, shall be approved by CBE in HQ. The structural design & drawing work shall be carried out by bridge branch at HQ level.
5. GADs of all **minor, major and important railway bridges** which shall affect the existing railway bridges, and GADs of ROB/RUB/FOB/ROR flyover etc., where executing agency is construction organisation, after clearance from concerned divisional branch officers and DRM, shall be approved by CBE in HQ. However, the complete structural design & drawing work shall be carried out by Construction organisation.
6. GADs of all **minor, major and important railway bridges** which do not affect the existing railway bridges, where executing agency is construction organisation, shall be approved by concerned CE/Construction. The complete structural design & drawing work shall also be carried out by Construction organisation.

Prem Sagar
20.10.17

7. ADRM/Tech. shall be responsible to ensure that GADs are approved/ cleared by all concerned branch officers in division within a period not exceeding 15 days. ADRM/Tech. shall get GADs signed at Divisional level in a meeting to be conducted for this purpose, instead of file shuffling among divisional officers.
8. Similarly, AGM shall be responsible in HQ. to ensure that GADs are approved/cleared by concerned HOD within a period not exceeding 7 days. AGM shall personally ensure adherence of time limit by CTPM, CPDE & CBE (for bridge GADs). There shall be no other signatures on the GADs in the HQ.
9. This is issued in supersession of all previous instructions on the subject. The necessary correction slips to manuals shall be issued in due course of time.

Prem Sagar

20.10.17
(Prem Sagar Gupta)

Executive Director/ Civil Engineering(G)/Railway board
[Phone : 011-23383379, e-mail address: edceg@rb.railnet.gov.in]

Copy forwarded for information to :

- (i) PCEs, All Indian Railways;
- (ii) CAOs(Con), All Indian Railways

INDICATIVE LIST OF APPROVAL OF PLANS IN DIVISION**Annexure-II to PCE Circular No. -**

SN	Description of plans	Plans to be signed by officers of different departments	Required Level Of Approval	Authority	Remarks, if any
1.	<u>Station & Station yards:</u>				
(i)	Site plan for Platform Shelters provided these are as per detailed drawings approved by HQ Office or RDSO	Sectional Sr.DEN/ DEN; Sr. DEN (Co-ord) Sr.DCM; Sr. DSTE; Sr. DEE*; DRM	Divisional Railway Manager		
(ii)	Site plan for structures on platforms	Sectional Sr.DEN/ DEN; Sr. DEN (Co-ord) Sr.DCM; Sr. DSTE; Sr. DEE*; DRM	Divisional Railway Manager		
(iii)	Extension or Raising of Platforms, not requiring addition and alteration in yard, based on approved type plan	Sectional Sr.DEN/ DEN; Sr. DEN (Co-ord) Sr.DCM; Sr. DSTE; Sr. DEE*; DRM	Divisional Railway Manager		
(iv)	Improvement to circulating area including drainage system of stations (NSG5 & NSG6 Category Stations)	Sectional Sr. DEN/ DEN; Sr. DEN (Co-ord) Sr. DCM; Sr. DSTE; Sr. DEE*; DRM	Divisional Railway Manager		
(v)	General Arrangement Plans/ Drawings/ Layouts for Washing/ Coach maintenance	Concerned Sectional Sr. DEN/ DEN; Sr. DEN (Co-ord); Sr. DEE*; Sr. DOM; Sr. DME; Sr.DSTE; DRM	Divisional Railway Manager		
2.	<u>Rail Crossings:- ESP's of Level Crossing;</u> , ROB's/ RUB's/LHS & Railway Bridges				
(i)	ESP of Level Xings except which require HQ approval.	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr.DSTE; Sr. DEE*; Sr.DOM; DRM			
(ii)	Approval of GAD of pipe line xings under railway tracks				
	(a) for pipe line carrying telephone wires/ TV cable/ Electrical cables/ S& T cables/ Optical fibre cables etc.	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr.DEE/TRD(In Electrified Section), Sr. DOM#; DRM	Divisional Railway Manager	GAD prepared as per RDSO guidelines BS-105) CE circular no 510	
	(b) for pipe line carrying water/ sewerage/ gas/ oil etc. xing single or double tracks	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr.DEE/TRD(In Electrified Section), Sr. DOM#; DRM	Divisional Railway Manager	GAD prepared as per standard type plan.	

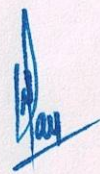
3.	<u>Buildings & Colonies:-</u>				
(i)	Site plan for quarters / buildings in colony, provided it is in accordance with already approved master plan of colony & construction of Staff Quarters as per standard type plan issued by HQ Office	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); DRM	Divisional Railway Manager		
4.	<u>Water Supply & Drainage:-</u>				
(i)	Water supply plan of colony & stations				
	(a) Stations except as mentioned in Anx-III	Sectional Sr.DEN/ DEN; Sr. DEN (Co-ord); Sr. DEE*; Sr. DME(C&W); DRM	Divisional Railway Manager		
	(b) Colonies except as mentioned in Anx-III	Sectional Sr.DEN/ DEN; Sr. DEN (Co-ord); Sr. DEE*; DRM	Divisional Railway Manager		
(ii)	Site plans for installation of Bore-Wells (New/ replacement) including addition/ alteration to the distribution pipe lines	Sectional Sr.DEN/ DEN; Sr. DEN (Co-ord); Sr. DEE*; DRM	Divisional Railway Manager		
(iii)	Site plans for storage tanks	Sectional Sr.DEN/ DEN; Sr. DEN (Co-ord); Sr. DEE*; DRM	Divisional Railway Manager		
(iv)	New pipe lines/addition & alteration in the existing pipe line networks of diameter more than 4"	Sectional Sr.DEN/ DEN; Sr. DEN (Co-ord); DRM	Divisional Railway Manager		
(v)	Schematic plans of new water treatment plants/ addition & alteration in the existing plants	Sectional Sr.DEN/ DEN; Sr. DEN (Co-ord); Sr. DEE*; DRM	Divisional Railway Manager		
(vii)	Drainage plan of colonies & yards;				
	(a) Other than important yards and important colonies which require HQ approval	Sectional Sr.DEN/ DEN; Sr. DEN (Co-ord); DRM	Divisional Railway Manager		
5.	<u>Land Plans, Leasing, Way Leave/ leasing Facilities(including track crossing), etc.</u>				
(i)	All Land licensing Plan of the works which comes under DRM's power	ADEN/ DEN/ Land (if posted independently); Sectional Sr. DEN/ DEN; Sr. DEN (Co-ord); Sr. DOM; Sr. DCM; DRM	Divisional Railway Manager	RB's letter no. 2018/Trans/01/Policy dt. 17.10.2018)	

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(ii)	Way leave facility plans including track crossing	ADEN/ DEN/ Land (if posted independently); Sectional Sr. DEN/ DEN; Sr.DOM (where speed restriction is required); Sr.DSTE; Sr.DEE*; Sr. DEN (Co-ord); DRM	Divisional Railway Manager	as per provisions laid down in RB's letter no. 97-W/LML/24/3, dated 01-09-2014.	
(iii)	Land use Plans: For stations/ locations not require HQ approval	ADEN/ DEN/ Land (if posted independently); Sectional Sr. DEN/ DEN; Sr. DEN (Co-ord); DRM	Divisional Railway Manager ###		
Note: ### DRM to inform PCE / CE (General).					

NOTE:

1. * Concerned Sr.DEE/TRD where section is electrified or sanctioned for electrification and/or concerned Sr.DEE/G where proposal pertains to general electrical services.
2. All drawings must carry a certificate for each S&T, Electrical, engineering feasibility in terms of SOD-04 by concerned executing agencies, Division/Construction organisation as required.
3. DRM add any other BOs consider necessary in the list given above for signing of plan.



INDICATIVE LIST OF APPROVAL OF PLANS IN HQ

Annexure-III

Annexure-III

SN	Description of plans	Plans to be signed by officers of different departments		Required Level Of Approval		Authority	Remarks, if any
		Divisional level	Headquarters level	Divisional level	Headquarters level		
1.	Station & Station yards:						
(i)	Master Plan of redevelopment of Stations	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr.DCM; Sr. DOM; Sr. DSTE;Sr. DEE*; Sr. DME(C&W);DSC/RPF ;DRM	CTPM; CCM/PS, CE/SD	Divisional Railway Manager	Chief Engineer /SD	para 203 of IRWM	
(ii)	Improvement to circulating area including drainage system of important stations (NSG1 to NSG4 Category Stations)	Sectional Sr. DEN/ DEN; Sr. DEN (Co-ord.); Sr. DCM; Sr. DSTE; Sr. DEE*; S DSC/RPF, DRM	CCM/PS; CE/SD	Divisional Railway Manager	Chief Engineer /SD	Para 203 of IRWM	
(iii)	Yard plan including addition and alterations & dismantling of siding	Sectional Sr. DEN/ DEN; Sr. DEN (Co-ord.); Sr. DOM; Sr.DSTE; Sr. DEE*; S DCM, Sr DME/C&W, DRM	CTPM; CE/ P&D	Divisional Railway Manager	Chief Engineer /P&D	Para 901 (e) of IRWM & RB's letter No.2017/CE-I/CT/13/Prosd. Simpl. dt. 20.10.2017	
(iv)	Provision of halt stations duly approved by Railway Board (General Arrangement Plan/ layout)	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr. DCM; Sr. DOM; Sr. DSTE, Sr.DEE*; DRM	CTPM; CE/SD CE/ P&D	Divisional Railway Manager	Chief Engineer /P&D		
(v)	General Arrangement Plans/ Drawings (GAD) of NSG1 to NSG6 catogry Station Buildings including additions & alterations	Sectional Sr.DEN/ DEN;Sr. DEN (Co-ord); Sr. DSTE; Sr. DEE*; Sr. DCM, Sr. DOM, DRM	CTPMC; CCM/SD; CE/ SD	Divisional Railway Manager	Chief Engineer SD	Para 203 of IRWM	
(vi)	General Arrangement Plans/Drawings (GAD) of Foot Over Bridges/ Subways including additions & alterations	Sectional Sr.DEN/ DEN;Sr. DEN (Co-ord); Sr. DSTE; Sr. DEE*; Sr DOM, Sr. DCM, DRM	DY. CE/BD; CBE; (CE/RSW & Dy CE/RSW for Subway)	Divisional Railway Manager	Chief Bridge Engineer	RB's letter No.2017/CE-I/CT/13/Prosd. Simpl. dt. 20.10.2017 & para 317 of IRBM	
(vii)	Launching Arrangement Plans/Drawings of Foot Over Bridges/ Subways	Sectional Sr.DEN/ DEN;Sr. DEN (Co-ord); Sr. DSTE; Sr. DEE*; Sr. DOM, Sr. DCM, DRM	Dy.CE/BD ; CBE,	Divisional Railway Manager	Chief Bridge Engineer	Para 317 of IRBM	

(viii)	Structural Drawings of Foot Over Bridges/ Subways	Sectional Sr.DEN/ DEN; (for execution feasibility)	Dy.CE/BD	Sectional Sr.DEN/ DEN; (for execution feasibility)	Dy.CE/BD		
	Note: (a) For items 1 (viii) above for works being executed by construction organization, detailed structural design and drawing shall be approved by construction organisation						
2.	ESP's of Level Crossing						
(i)	ESP of Level Xing; (a) L-Xings involving change in the yard plan in cases where combination of signals i.e. of the gate signal in the block section with any Signal of the station or IBS/IBH exist. (b) L-Xings in the automatic signal territory. (c) L-Xing in the station yards.	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord.); Sr.DSTE; Sr. DEE*; Sr.DOM; DRM	CTPM, CTE	Divisional Railway Manager	Chief Track Engineer*	RB's letter no.2017/CE-I/CT/13/Prosd..Simpl. dt. 20.10.2017 & para 1203 of IRPWM	
	Note: * CTE will advice to CE/P&D for incorporation in existing yard plan.						
3.0	ROB/RUB/LHS/Railway Bridges						
(i)	Approval of General Arrangement Drawings(GAD) for ROB/ RUBs/LHS/Railway Bridges (para 317 of IRBM) & (RB's letter no.2017/CE-I/CT/13/Prosd. Simpl. dt. 20.10.2017)						
	(a) Where Division is supervising or executing agency	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr.DEE/TRD(In Electrified Section); DRM	Dy. CE/ROB;(Dy RSW ;CE/RSW for subway) CBE	Divisional Railway Manager	Chief Bridge Engineer.	Para 317, 318 of IRBM & RB's letter no.2017/CE-I/CT/13/Prosd. Simpl. dt. 20.10.2017&RB's letter no. 2021/2/CE-III/BR/Bridge Policy dated 28.10.2017.	
	(b) Where Construction Organization/ RVNL/DFCCIL/ IRCON/RITES/NCRTC/ DMRCetc is supervising	Dy CE/Const (and others as per mechanism within construction organisation); CE/Const. (equivalent level for other PSUs)	CE/Const (equivalent level for other PSUs) Dy.CE/BD	Divisional Railway Manager	Chief Bridge Engineer		

	or executing agency (*)	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord);Sr.DEE/TRD(In Electrified Section), Sr. DOM#; DRM	CBE				
	(c) Where Construction Organization/ RVNL/DFCCIL/ IRCON/RITES/NCRTC/ DMRC etc is supervising or executing agency .	Same as above	CE/Const, Dy.CE/con (equivalent level for other PSUs)	-----do-----	CE/con		
(*) : Applicable in case of where linear water way is reduced or vertical clearance is reduced and where construction is likely to affect any of the existing bridge during construction/service as per para 317 of IRBM and all Important Bridges							
	(c) for pipe line carrying water/ sewerage/ gas/ oil etc. xing single or double/Multi tracks (Where Railway Division or Construction) is executing/supervising the work)	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord);Sr.DEE/TRD(In Electrified Section), Sr. DOM#; DRM	Dy.CE/BD; CBE	Divisional Railway Manager	Chief Bridge Engineer	In case standard type plans approved and issued by HQ are adopted than Only DRM's approval is required)	
	(d) for pipe line carrying water/ sewerage/ gas/ oil etc. xing more than two tracks (Where Railway Division or Construction) is executing/supervising the work)	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord);Sr.DEE/TRD(In Electrified Section), Sr. DOM#; DRM	Dy.CE/BD; CBE	Divisional Railway Manager	Chief Bridge Engineer	In case standard type plans approved and issued by HQ are adopted than Only DRM's approval is required)	
	(e) approval of GAD of OHE mast over ridges	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord);Sr.DEE/TRD(In Electrified Section),Dy.CE/CPM of executing unit; Dy.CE/Bridgmainatining unit; DRM	Dy.CE/BD; CBE	Divisional Railway Manager	Chief Bridge Engineer		
(ii)	Approval of launching scheme, temporary arrangement design/ drawings and structural designs of all Railway bridges & Para 317 of IRBM						
	(a) Where Division is supervising or executing agency	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord);Sr.DEE/TRD(In Electrified Section),; DRM	Dy.CE/BD; CBE	Divisional Railway Manager	Chief Bridge Engineer		
	(b) Where Construction unit/s/ RVNL/ DFCCIL/ NCRTC/ DMRC etc. are supervising or executing agency ; (in cases not affecting safety of existing line/lines)	Dy CE/Const (and others as per mechanism within construction organisation); CE/Const. (equivalent level for other PSUs) Sectional Sr.DEN/DEN; Sr. DEN (Co-ord);Sr.DEE/TRD(In Electrified Section),; DRM	CE/Const (equivalent level for other PSUs)	Divisional Railway Manager	CE/Const (equivalent level for other PSUs)		

	(c) Where Construction unit/ / RVNL/ DFCCIL/ NCRTE/ DMRC etc. are supervising or executing agency ; (in cases affecting safety of existing track/tracks))	Dy CE/Const (and others as per mechanism within construction organisation); CE/Const. (equivalent level for other PSUs) Sectional Sr.DEN/DEN; Sr. DEN (Co-ord);Sr.DEE/TRD(In Electrified Section), DRM	CE/Const (equivalent level for other OSUs) Dy.CE/BD CBE	Divisional Railway Manager	Chief Bridge Engineer		
	(d) for pipe line carrying water/ sewerage/ gas/ oil etc. xing single or double tracks	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord);Sr.DEE/TRD(In Electrified Section), Sr. DOM#; DRM	Dy.CE/BD; CBE	Divisional Railway Manager	Chief Bridge Engineer	GAD deviated to standard type plan BM-01, 02, 03/GT/2016 (CE circular no 510)	
	(e) for pipe line carrying water/ sewerage/ gas/ oil etc. xing more than two tracks	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord);Sr.DEE/TRD(In Electrified Section), Sr. DOM; DRM	Dy.CE/BD; CBE	Divisional Railway Manager	Chief Bridge Engineer	CE circular no 510	
	Note: (a) As per Railway Board letter no 2016/54/CE-III/BR/RDSO/Misc dated 12.2.21, detailed design/drawing of non-standard composite girder/Bow String Girders of ROB's shall be approved by CBE office where work is being executed by Open Line and CE/C where work is being executed by Construction organization.						
3.	Buildings & Colonies:-						
(i)	Master plan of Important Colonies (i.e. Zonal HQ, Divisional HQ, and any other colony considered important by Division)	Sectional Sr.DEN/ DEN; Sr. DEN (Co-ord); Sr.DSTE; Sr.DEE*; DRM	Dy.CE/P&D; CE/P&D	Divisional Railway Manager	Chief Engineer/P&D	para 203 of IRWM	
(ii)	Addition/alteration to standard type quarters	-	Dy. CE/P&D; CE/P&D	-	Chief Engineer /P&D***	para 218 of IRWM	
(iii)	Structural drawing for any structure including addition and alteration to an existing structure.	Sectional Sr.DEN/ DEN; Sr. DEN (Co-ord); ADRM(Tech) -	AXEN/ P&D; Dy.CE/P&D	ADRM (Tech.)	Dy. Chief Engineer/P&D		
(iv)	All structures involving departure from type plans issued by HQ or by RDSO	Concerned Sectional Sr. DEN/ DEN; Sr. DEN (Co-ord); DRM	Dy. CE/P&D; CE/P&D	Divisional Railway Manager	Chief Engineer /P&D***		
(v)	General Arrangement layouts/Drawings (GAD) of Buildings including additions & alterations	Sectional Sr.DEN/ DEN; Sr. DEN (Co-ord); Sr. DSTE; Sr. DEE*; DRM	Dy. CE/P&D; CE/P&D	Divisional Railway Manager	Chief Engineer / P&D	para 203 of IRWM	
	Note: ***This will require prior approval of Pr.CE as per IRWM para 218(C).						
4.	Water Supply & Drainage:-						

(i)	Water supply plan of colony & stations						
	(a) Important colonies /Stations (i.e. Zonal HQ, Divisional HQ, and any other colony considered important by Division)	Sectional Sr.DEN/ DEN; Sr. DEN (Co-ord); Sr. DEE*; DRM	Dy CE/W; CE/ Works	Divisional Railway Manager	Chief Engineer /Works	para 553 of IRWM	
	(b) Other colonies /Stations	Sectional Sr.DEN/ DEN; Sr. DEN (Co-ord); Sr. DEE*; DRM	Sr DEN/C	Divisional Railway Manager	-		
	Plans for water recycling plants, rain water harvesting works & plans for other water supply works being carried out by Construction Organization for new Stations/ Colonies	Sectional Sr.DEN/ DEN; Sr. DEN (Co-ord); Sr.DEE*; Sr DME/C&W DRM	Dy. CE/Const.; CE/Const.	Divisional Railway Manager	CE/Const.		
(vii)	Drainage plan of colonies & yards;						
	(a) Important yards (To be decided by Divisional Railway Managers)	Sectional Sr.DEN/ DEN; Sr. DEN (Co-ord); DRM	CTE	Divisional Railway Manager	Chief Track Engineer	Para 1302 of IRPWM	
	(b) Important colonies (i.e. Zonal HQ, Divisional HQ, and any other colony considered important by Division)	Sectional Sr.DEN/ DEN; Sr. DEN (Co-ord); DRM	Dy CE/W; CE/Works	Divisional Railway Manager	Chief Engineer /Works		
5.	Land Plans, Leasing, Way Leave/ leasing Facilities(including track crossing), etc.						
(i)	Land licensing/ leasing Plan i.e. transfer/exchange of land, Commercial Plots, Bulk Oil Installation, Coal dump etc.other than 5(i) above (Except land licensing plans of the works specifically delegated to DRM/Division)	ADEN/ DEN/ Land (if posted independently); Sectional Sr. DEN/ DEN; Sr. DEN (Co-ord); Sr. DCM; Sr.DOM; DRM	Dy. Chief Engineer/ G; CCM/FM; CE/G	Divisional Railway Manager	Chief Engineer/ General	Para 823 to 826 of IRWM & RB's letter no. 2005/LML/18/8 dt. 10.02.2005	
(ii)	All kinds of Authenticated land Plans	Revenue authorities; Concerned SSE (Works/ P.Way); ADEN; ADEN/ DEN Land (if posted independently); Sectional Sr. DEN/ DEN; Sr. DEN (Co-ord)	Dy.Chief Engineer/G; CE/ G	Sr. DEN (Co-ord)	Chief Engineer /General	Para 806 Of IRWM	
(iii)	Land use Plans:						

	(a) For Metropolitan Cities, State Capitals, AI & A category stations, important District HQs & Junction Stations	ADEN/ DEN/ Land (if posted independently); Sectional Sr. DEN/ DEN; Sr. DEN (Co-ord); DRM	Dy.Chief Engineer/G; CE/ G	Divisional Railway Manager	Chief Engineer /General	RB's letter no. 2009/LML/13/1 dt. 23.01.2009	
(iv)	Leasing of Railway land & construction of temporary/ permanent structure thereon by outside party	Sectional Sr. DEN/ DEN; Sr. DEN (Co-ord.); Sr. DOM; Sr. DCM; DRM	Dy. Chief Engineer/ G; CE/ G	Divisional Railway Manager	Chief Engineer General	para 820 of IRWM & RB letter no. 2005/LML/18/8 dt. 10.02.2005	
(v)	NOC plan for construction of building within 30 meter from railway boundary & not affecting safety of track.	Sectional Sr. DEN/ DEN; Sr. DEN (Co-ord.); Sr.DEE; Sr.DSTE; DRM	Dy. Chief Engineer/ G; CE/ G	Divisional Railway Manager	Chief Engineer General	Para 827 of IRWM & RB letter no. 2008/LML/19/17 dt. 16.02.2010	
(vi)	Plan of entrustment of land to RLDA for commercial exploitation with GM's approval	Sectional Sr. DEN/ DEN; Sr. DEN (Co-ord.); DRM	CCM/PS; CTPM; CE/G	Divisional Railway Manager	Chief Engineer General	RB's letter no. 2008/LML/2/17 dt. 28.4.2009 with GM approval.	
(ix)	Permission to cross Railway Land by Metro, RRTS & High Speed Rail Corridor	ADEN/ DEN/ Land (if posted independently); Sectional Sr. DEN/ DEN; Sr.DOM (where speed restriction is required); Sr.DSTE; Sr.DEE*; Sr. DEN (Co-ord); DRM	Dy. Chief Engineer/ G CE/G	Divisional Railway Manager	Chief Engineer General	RB's letter no. 2020/LML/24/16 dt. 25.8.2020	
6.	DPR, L-Section for New Line/Doubling/ Gauge Conversion/Elevated Corridor etc.where Railway work is executed by PSUs and for other works whose operation and maintenance is with PSUs, only such section, which affect existing Railways track/tracks.						
(i)	L-Sectional for New Line/Doubling/ Gauge Conversion & Elevated Corridors etc.	Sectional Sr. DEN/DEN; Sr. DEN (Co-ord); Sr DOM, DRM	Dy.CE/P&D; CE/ P&D	Divisional Railway Manager	Chief Engineer /P&D		
(ii)	Examination of DPRs of Railway funded works.	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord.); Sr. DME(C&W); Sr. DSTE; Sr. DEE*; Sr. DOM; DRM.	CSTE/Plg; CETE; CTPM; CE/P&D	Divisional Railway Manager	Chief Engineer /P&D		
7.	Miscl. viz safety related works etc.						
(i)	Works involving safety of Railway Track and Rolling Stock	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord.); Sr. DME(C&W); Sr. DSTE; Sr. DEE*; Sr. DOM; DRM.	Dy CE/ TO; CE/GE/CEDE** ; CME(Plg.); CTE	Divisional Railway Manager	Chief Track Engineer		
(ii)	LWR/CWR plan	AEN; Sr. DEN/ DEN	CTE	Divisional Railway Manager	Chief Track Engineer	Para 326 of IRPWM. Deviation will require approval of PCE.	
	Note: ** CEDE to examine & sign for electrified section (also for sections with sanctioned electrification) and CE/GE to examine & sign for non-electrified section						

NOTE:

1. *Concerned Sr.DEE/TRD where section is electrified or sanctioned for electrification and/or concerned Sr.DEE/G where proposal pertains to general electrical services.
2. In all cases where construction organisation is executing agency, the GAD/Plans to be signed by all concerned Dy HODs and/or HODs, and any other official (as per internal mechanism of construction organisation) before submission for approvals through respective division.
3. All drawings must carry a certificate for each S&T, Electrical, engineering feasibility in terms of SOD-04 by concerned executing agencies, Division/Construction organisation as required.
4. PCE can direct for approval at higher level depending on the importance and complexity of the matter.
5. Sr DEN/Co of the division and CE/P&D (or CBE, CTE, CE/General, CE/SD, CE/Works as the case may be) will be nodal points for the GAD approval process.
6. Complete feasibility examination from site as well as technical point of view should be done by division before forwarding the plan to Head Quarter for approval.

