

NORTHERN RAILWAY

Headquarters Office,
Baroda House,
New Delhi.

No.10-W/O/Policy/Building

Date: as signed.

Principal Chief Engineer's Circular No.601(R-2)

**Divisional Railway Manager,
Northern Railway,
DRM office,
NDLS, FZR, MB, LKO, UMB,JAT.**

**CAO/C,CAO/C-I,CAO/C/USBRL,
Northern Railway,
Kashmere Gate,
Delhi.**

**CAO/C/RSP,
9th Floor, Konnectus Tower,
DMRC Building,
New Delhi-110001.**

Sub: Revision R2 in PCE circular 601.

Ref: (i) Principal Chief Engineer's No.601, dated 22.02.2021.
(ii) Revision R2 of PCE circular No.601 dated 25.03.2025.

In continuation of Revision R2 of the Pr. Chief Engineer's circular 601, a comprehensive Annexure III is attached herewith which shall be referred in the future instead of Annexure III issued vide reference (ii).

DA: As above.

**Digitally Signed by Balak
Ram Negi
Date: 23-06-2025 11:57:23
Reason: Approved**

**(Balak Ram Negi)
Chief Engineer/P&D**

Copy to :-

1. Managing Director: - RITES, IRCON, RVNL, DFCCIL & HRIDC, New Delhi
2. PCOM, PCCM, PCEE, PCSTE, PCME, PCMD, PCSC, PCPO/NRHQ. Office, Baroda House, New Delhi.
3. All HOD and DYCE of Engineering department HQ. Office, Baroda House, New Delhi.
4. In charges of DOE, DOT, DOB and Chief office Supdt./Co-ord./Engg./Northern Railway, Baroda House, New Delhi.

I/163500/2025

NORTHERN RAILWAY

Headquarters Office,
Baroda House,
New Delhi.

No.10-W/O/Policy/Building**Date: 25.03.2025.****Principal Chief Engineer's Circular No.601(R-2)**

**Divisional Railway Manager,
Northern Railway,
DRM office,
NDLS, FZR, MB, LKO, UMB,JAT.**

**CAO/C,CAO/C-II,CAO/C/USBRL,
Northern Railway,
Kashmere Gate,
Delhi.**

**CAO/C/RSP,
9th Floor, Konnectus Tower,
DMRC Building,
New Delhi-110001.**

Sub: Revision R2 in PCE circular 601.**Ref:** Principal Chief Engineer's No.601, dated 22.02.2021.

In continuation of the Pr. Chief Engineer's circular 601, a note is hereby added in the Annexure III and accordingly para no.1,2 & 3 of Annexure III are updated.

This has approval of competent authority.

DA: As above.

Digitally Signed by Balak
Ram Negi
Date: 25-03-2025 16:17:43
Reason: Approved

**(Balak Ram Negi)
Chief Engineer/P&D**

Copy to :-

1. Managing Director: - RITES, IRCON, RVNL, DFCCIL & HRIDC, New Delhi
2. PCOM, PCCM, PCEE, PCSTE, PCME, PCMD, PCSC, PCPO/NRHQ. Office, Baroda House, New Delhi.
3. All HOD and DYCE of Engineering department HQ. Office, Baroda House, New Delhi.
4. In charges of DOE, DOT, DOB and Chief office Supdt./Co-ord./Engg./Northern Railway, Baroda House, New Delhi.

Indicative List of Approval of Plan in HQ
Annexure III to PCE circular No.601 (R2)

S.N.	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.	<u>Station & Station yards:</u>						
(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 IRPWM	
(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*; Sr.DSC(RPF); DRM	CCM/PS; CE/SD	Divisional Railway Manager	Chief Engineer SD	Para 203 of IRPWM	
(iii)	# Yard plan including addition and alterations & dismantling of siding	Sectional Sr.DEN/ DEN; Sr. DEN (Co-ord); Sr.DCM;Sr.DOM; Sr. DSTE;Sr. DEE*; 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. Dated 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 category Buildings including additions & alterations	Sectional Sr.DEN/ DEN;Sr. DEN (Co-ord); Sr. DSTE; Sr. DEE*; Sr. DCM, Sr.DOM, DRM	CTPM, CCM/SD, CE/SD	Divisional Railway Manager	Chief Engineer SD	Para 203 of IRPWM	
(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, CCM/PS, CBE, CE/SD	Divisional Railway Manager	Chief Bridge Engineer	RB's letter no. 2017/CE-I/CT/13/Prosd. Simpl. Dated 20.10.2017 and 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, 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)	Chief Bridge Engineer		
<p>Note: (a) For items 1 (viii) above for works being executed by construction organization, details structural design and drawing shall be approved by construction organization.</p> <p># Revalidation of approved drawing shall be carried out if physical work at site is not commenced within 2 years of approval of drawing. In the case of any change in site condition or any modification found during the revalidation, fresh approval shall be obtained from all concerned. In the case of no change in condition/modification at site, only Sr.DEN/C shall sign the plan and submit revalidated plan to concerned approving authority in NRHQ office for cognizance and record. Responsibility of revalidation lies with the executing agency. Remarks in c/w requirement of revalidation shall be added in original drawing during approval</p>							
2.	# ESP's of Level Crossing:						
(i)	(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. Dated 20.10.2017 and para 1203 of IRPWM	
<p>Note: ** CTE will advice to CE/P&D for incorporation in existing yard plan.</p> <p># Revalidation of approved drawing shall be carried out if physical work at site is not commenced within 2 years of approval of drawing. In the case of any change in site condition or any modification found during the revalidation, fresh approval shall be obtained from all concerned. In the case of no change in condition/modification at site, only Sr.DEN/C shall sign the plan and submit revalidated plan to concerned approving authority in NRHQ office for cognizance and record. Responsibility of revalidation lies with the executing agency. Remarks in c/w requirement of revalidation shall be added in original drawing during approval.</p>							
3.0	ROB/RUB/LHS/Railway Bridges						
(i) @	Approval of General Arrangement Drawing (GAD) for ROB/RUBs/LHS/Railway Bridges (para 317 of IRBM) & (RB's letter no. 2017/CE-I/CT/13/Prosd. Simpl. Dated 20.10.2017)						

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	(a) Where Division is supervising or executing agency	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr. DOM; Sr.DEE/TRD(In Electrified Section),DRM	Dy.CE/ROB.; CBE	Divisional Railway Manager	Chief Bridge Engineer.	Para 318 of IRBM & RB's letter no. 2017/CE-I/CT/13/Prosd. Simpl. Dated 20.10.2017 & RB's letter no. 99/CE-I/Misc./23(IRBM) Pt. I dated 07.05.2013	
	(b) Where Construction Organization/RVNL/DF CCIL/IRCON/RITES/N CRTD/DMRC etc. is supervising or executing agency (*)	Dy.CE/Const (and others as per mechanism within construction organization), CE/Cons. (equivalent level of PSUs) Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr. DOM; Sr.DEE/TRD(In Electrified Section),DRM	CE/Const. (equivalent level for other PSUs) Dy.CE/BD; CBE	Divisional Railway Manager	Chief Bridge Engineer		
(*) Applicable in case of the new line/gauge conversion where construction organization is executing the work, 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 para 4 of RB's letter no. 99/CE-I/Misc./23(IRBM) Pt. I dated 07.05.2013. For PSU's who are working on behalf of railway like RVNL, IRCON etc. GADs of all the bridges of all railway projects will require approval as per above item unless specified otherwise by Rly Bd. For the works being executing by PSUs whose operation and maintenance is with them, only such bridges, which will affect Railways bridges, approval as per above will be required.							
	(c) For pipe line carrying water/ sewerage/ gas/ oil etc. xing single or double tracks (Where Railway Division or Construction) is executing/supervising the work)	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr. DOM; Sr.DEE/TRD(In Electrified Section),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. DOM; Sr.DEE/TRD(In Electrified Section),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) (i) Approval of GAD of OHE mast over bridges (As existing) (ii) Approval of GAD of OHE mast over bridges/Tunnels (as proposed)	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr.DEE/TRD(In Electrified Section),Dy.CE/CPM of executing unit; Dy.CE/Bridge maintaining unit; Sr. DOM;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 ROBs/RUBs						
	(a) Where Division is supervising or executing agency	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr. DOM; Sr.DEE/TRD(In Electrified Section),DRM	Dy.CE/BD.; CBE	Divisional Railway Manager	Chief Bridge Engineer		
	(b) Where Construction units/RVNL/DFCCIL/ /NCRTC/DMRC etc are supervising or executing agency; (in cases not affecting safety of existing lines/lines)	Dy.CE/Const (and others as per mechanism within construction organization), CE/Cons. (equivalent level of PSUs) Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr. DOM; 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 units/RVNL/DFCCIL/ /NCRTC/DMRC etc are supervising or executing agency; (in cases affecting safety of existing tracks/tracks)	Dy.CE/Const (and others as per mechanism within construction organization), CE/Cons. (equivalent level of PSUs) Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr. DOM; Sr.DEE/TRD(In Electrified Section),DRM	CE/Const. (equivalent level for other PSUs) Dy.CE/BD; CBE	Divisional Railway Manager	Chief Bridge Engineer		
	(d) For pipe line carrying water/ sewerage/ gas/ oil etc. xing single or double	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr. DOM; Sr.DEE/TRD(In Electrified Section),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. DOM; Sr.DEE/TRD(In Electrified Section),DRM	Dy.CE/BD.; CBE	Divisional Railway Manager	Chief Bridge Engineer	CE circular no 510	
	<p>Note: (a) As per Railway Board letter no. 2016/54/ CE-III/BR/RDSO/Misc dated 12.02.21, detaled design/drawing of non- standard composite girder/ Bow Strings of ROBs shall be approved by CBE office where work is being executied by Open line and CE/C where work is being executed by Construction Organization.</p> <p>@ : Revalidation of approved drawing shall be carried out if physical work at site is not commenced within 2 years of approval of drawing. In the case of any change in site condition or any modification found during the revalidation, fresh approval shall be obtained from all concerned. In the case of no change in condition/modification at site, only Sr.DEN/C shall sign the plan and submit revalidated plan to concerned approving authority in NRHQ office for cognizance and record. Responsibility of revalidation lies with the executing agency. Remarks in c/w requirement of revalidation shall be added in original drawing during approval. .</p>						
3.	<u>Buildings & Colonies:-</u>						
(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	

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(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)-@ design through consultancy	AXEN/P&D , Dy.CE/P&D	ADRM(Tech)	Dy. Chief Engineer/P&D		
(vi)	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 arrangements layouts/Drawings (GAD) of Buildings including additions and 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 IRPWM para 218(C). # Revalidation of approved drawing shall be carried out if physical work at site is not commenced within 2 years of approval of drawing. In the case of any change in site condition or any modification found during the revalidation, fresh approval shall be obtained from all concerned. In the case of no change in condition/modification at site, only Sr.DEN/C shall sign the plan and submit revalidated plan to concerned approving authority in NRHQ office for cognizance and record. Responsibility of revalidation lies with the executing agency. Remarks in c/w requirement of revalidation shall be added in original drawing during approval.							
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	-		
	(c) Plans for water cycling 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	Para1302 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/P&D; CCM/FM; CE/MRTS	Divisional Railway Manager	Chief Engineer /MRTS	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/Land; CE/MRTS	Sr.DEN (Co- ord)	Chief Engineer /MRTS	Para 806 of IRWM	
(iii)	Land use Plans						
	(a) For Metropolitan Cities, State Capitals, A & A category stations, important District HQ's & Junction Stations	ADEN/DEN/Land (if posted independently); Sectional Sr.DEN/ DEN; Sr. DEN (Co-ord); DRM	Dy. Chief Engineer/Land; CE/MRTS	Divisional Railway Manager	Chief Engineer /MRTS	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. DCM; Sr. DOM DRM	Dy. Chief Engineer/Land; CE/MRTS	Divisional Railway Manager	Chief Engineer /MRTS	Para 820 of IRWM & RB's letter no 2005/LML/18/8 dt. 10.02.2005.	
(v)	NOC plan for construction of building within 30meter from railway boundary & not affecting safety of track.	Sectional Sr.DEN/ DEN; Sr. DEN (Co-ord); Sr. DEE; Sr. DSTE; DRM	Dy. Chief Engineer/Land; CE/MRTS	Divisional Railway Manager	Chief Engineer /MRTS	Para 827 of IRWM & RB's letter no 2008/LML/19/17 dt. 16.02.2010.	

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(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/MRTS	Divisional Railway Manager	Chief Engineer /MRTS	RB's letter no 2008/LML/2/17 dt. 28.04.2009 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. DEN (Co-ord); Sr. DOM(where speed restriction is required); Sr. DOM; ;Sr. DSTE; Sr. DEE*; DRM	Dy. Chief Engineer/Land; CE/P&D; CE/MRTS	Divisional Railway Manager	Chief Engineer /MRTS	RB's letter no 2020/LML/1/24/16 dt. 25.08.2020	
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 Railway track/racks.						
(i)	L-Sectional for New Line/Doubling/Gauge Conversion & Elevated Corridors	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.DOM; Sr.DEE*; 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.DOM; Sr. DSTE;Sr. DEE*; Sr.DME(C&W); 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:

- * 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.
- 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.
- 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.
- Pr CE can direct for approval at higher level depending on the importance and complexity of the matter.
- Sr DEN/Co of the division and CE/P&D (or CBE, CTE, CE/MRTS as the case may be) will be nodal points for the GAD approval process.
- 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.