

E-1177846

7/1/22

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SOUTH CENTRAL RAILWAY

Headquarters Office
Works Branch
Rail Nilayam
Secunderabad

No. W. 351/Platforms/System Improvement

Date: 06-01-2022.

CAO/C/SC

DRMs SC, HYB, BZA, GNT, GTL, NED

CPM/RVNL/SC, CPM/RVNL/BZA, CPM/RVNL/MAS

GGM/RITES/SC

Sub: System Improvement for guidelines on the specification of material to be used for construction of platform wall, platform surface and its related cross-sections for various categories, PFs and stations-Reg

- Ref:** 1. DyCVO/Engg, Lr. No. G.265/PC/2020/03/00712/E/N/S dtd. 05-11-2021
2. This Office Lr. No.W.CE/P&D/Conf/2021 dtd. 10-11-2021 and reminded on 30-11-2021
3. Sr.DEN/Co-Ord/BZA's Lr. No.B/WD/North/Bldgs Dtd. 13-12-2021

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Instances have come to notice that, during vigilance checks, executing agencies are following various drawings for platform walls and different types of flooring for platforms works. In view of this, the following system improvements are advised.

1. PLATFORM WALLS:

The following Standard drawings have already issued by this Office have to be invariably followed for platform walls.

- I. STANDARD(DRG NO MA-10870) for precast RCC Pass PF walls issued by RDSO.
- II. STANDARD(DRG NO GM/W/SC/TYPE/NO.3228) for RCC PF Wall for BG by HQ.
- III. STANDARD(DRG NO GM/W/SC/TYPE/3311) for Pass PF Walls BG & MG by HQ.

Divisions and executing agencies are not supposed to follow any non-standard drawings or drawing approved by any other railway except South Central Railway or RDSO. If the above drawings are not suiting to the site conditions or under specific circumstances, head quarters Office shall be approached for approval.

These instructions shall be followed for the works being executed by the CAO/C and should be ensured by the Divisions for the works executed by RVNL and RITES.

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Date/Retd.	7/1
Signature/	(R)

(Please Turn Over)

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2. **PLATFORM FLOORING:**

Comprehensive guidelines for PF flooring standards for various category of stations issued by RDSO vide Ir. No. WKS/WS/05/FS dtd 22-09-2009 which are approved by the Railway Board vide Ir No. 2004/LMB.01/04 dtd. 09-09-2009 have to be followed and the same were reiterated by RDSO vide Ir. No. WKS/WS/05/FS dtd. 16-01-2013. Rly. Bd vide Ir No. 2018/LM(PA)/ 03/06. dtd. 09-04-2018 have also advised to follow the instructions issued by RDSO vide Ir. No. WKS/WS/05/FS dtd. 22-09-2009. Divisions are advised to follow these instructions scrupulously.

3. **VDC Flooring for Platforms:**

Since there are no clear guidelines available regarding VDC flooring for platforms, the Handbook on Vacuum Dewatering Concrete Flooring issued by CAMTECH (CAMTECH/2021/C/VDF/1.0-Feb-2021) shall be followed.

M25 grade of concrete shall be used for Vacuum dewatered concrete for platform flooring.

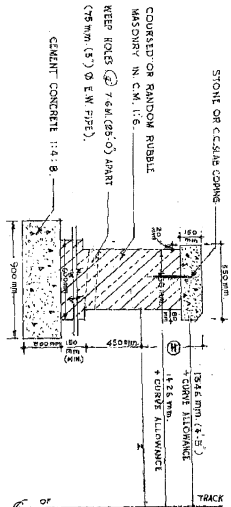
This issues with the approval of PCE.


(G. Brahmananda Reddy)
Chief Engineer/P&D

Copy to:

Sr.DEN/Co-Ord/SC, HYB, BZA, GNT, GTL & NED for information and necessary action.

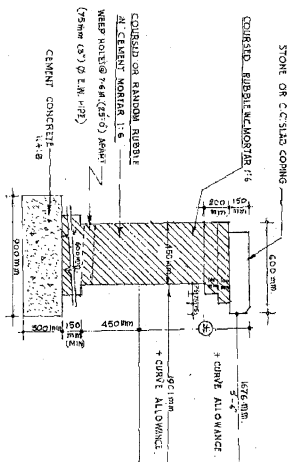
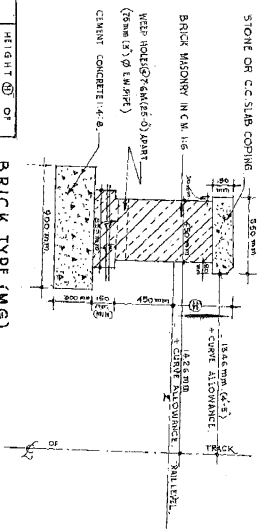
NOTE:-
 1. THE PLAN OF FOUNDATION SHOWN IS ONLY TENTATIVE
 THE ENGINEER IS NOT RESPONSIBLE FOR ANY DAMAGE
 FOR SETTING THE FOUNDATION THE PLAN IS ASSUMED
 ACCORDING TO THE NATURE OF SOIL.
 2. ALL DIMENSIONS ARE IN MILLIMETRES.



STONE OR C.C. SLAB COPING

BRICK TYPE (MG)

NO.	DESCRIPTION OF PLATEFORM	HIGHT @ OF PLATEFORM (MM)	MAX. MIN.
1	HIGH LEVEL PASSENGER PLATFORM	405mm (1.4') 305mm (1.0')	



STONE TYPE (BG)

BRICK TYPE (BG)

SL. NO.	DESCRIPTION OF PLATEFORM	HIGHT @ OF PLATEFORM (MM)	MAX. MIN.
1	HIGH LEVEL PASSENGER PLATFORM	405mm (1.4') 305mm (1.0')	
2	LOW LEVEL		

FAIR TRACED

DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 FILE NO. - W-375/1/1 VOL. - III

DATE: 27-08-08
 A17 NB
 DESCRIPTION: PASSENGER PLATFORM WALLS
 DRG. NO. 5311/A
 INITIAL: [Signature]

FOR CHIEF ENGINEER: B. P. Jaisky, 29/12/11
 S.E.N. (P & WS) W.T. J. Venkatas Rao 21/12/11
 A.I.N. (GENERAL) Wd. Sg. Rama Murthy 29/11
 SOUTH CENTRAL RAILWAY
 STANDARD
 PASSENGER PLATFORM WALLS
 BROAD & METRE GAUGES.
 SCALE: 1:50
 DRG. NO. GM (W) SC/TYPE. 5311.

