



भारत सरकार - रेल मंत्रालय  
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Research Designs & Standards Organisation  
Lucknow - 226 011  
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No.WKS/35/Phy. Disa.

Date: 23/04/2013

General Manager/Const., N.E.F.Railway, Maligaon Guwahati

Principal Chief Engineer/ Chief Engineer( Co-ord),  
CR, ER, ECR, ECOR, NR, NCR, NER, NFR,  
NWR, SR, SCR, SER, SECR, SWR, WR & WCR

Chief Administrative Officer/ Chief Engineer Construction ( Co-ord),  
CR, ER, ECR, ECOR, NR, NCR, NER, NWR,  
SR, SCR, SER, SECR, SWR, WR & WCR

Sub: Agenda item No. 039/05/12 of Works Standards Committee "Provision of ramp on  
FOBs at the end of platforms".

Ref: Railway Boards letter no. 2012/LMB/1/8, dated 08-02-2013 on recommendations of 5<sup>th</sup>  
meeting of Works Standards Committee.

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The Railway Board's orders on recommendations of 5<sup>th</sup> WSC meeting on above subject  
item is as under:

- Wherever space permits, one side stair & other side ramp may be constructed with 1 in 12 slope for  
FOB with centrally supported single columns to reduce the area at platform for foundation like it is  
done for Metro etc.
- In future structures and end of platform 1:12 ramping may be provided. Wherever possible,  
modification in existing structures may also be provided with 1:12 ramp.

In compliance to Railway Board's order issued vide letter under ref. above, a drawing no.  
RDSO/WKS/2013/001 for "FOB Ramp for Physically Disabled Persons" prepared on the basis of provisions  
laid down in RDSO's report of Nov. 1998 issued by Railway Board vide letter no. 96/LM(B)/2/404 dated  
30.12.1998, is enclosed for compliance at your end.

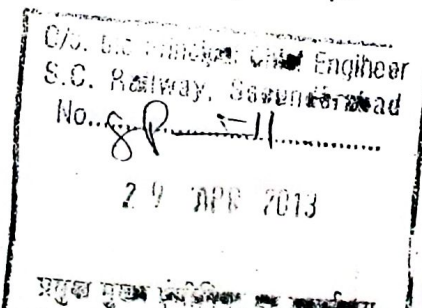
DA:As above.

(Nand Kishore)  
Executive Director/Works

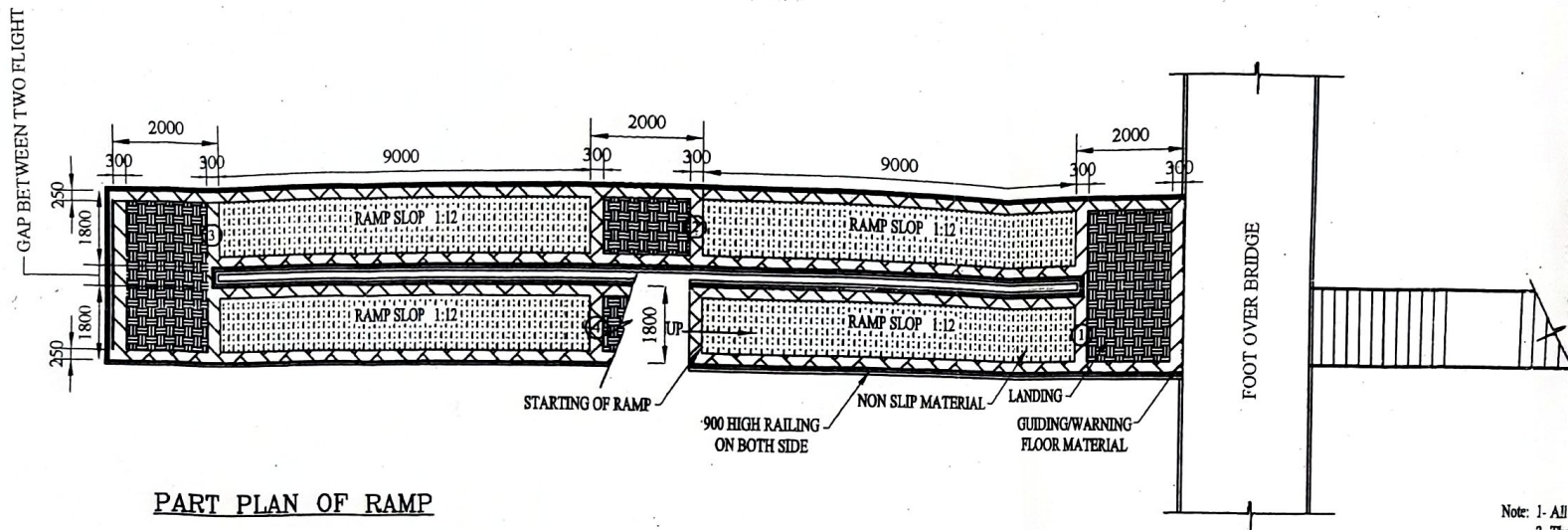
- Director/IRICEN, Pune.
- Executive Director, CE/G, Railway Board.
- Executive Director-III, L & A, Railway Board
- Chief Engineer - CORE/ALD, CLW/Chittranjan.  
DLW/Varanasi, RCF/Kapurthala, ICF/Chennai,  
RWF/Bangaluru, DMW/Patiala.

for kind information pl.

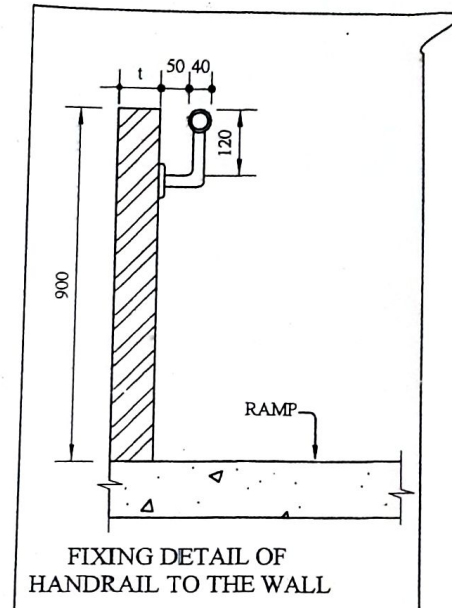
for information & necessary action pl.



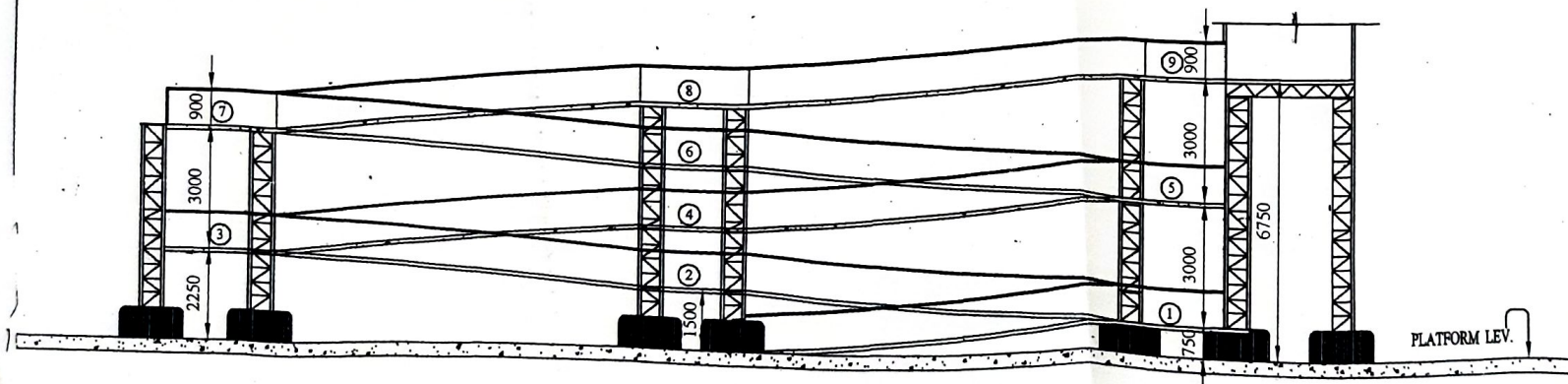
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PART PLAN OF RAMP



- Note: 1- All dimension are in millimeter.  
 2- The height of FOB 6750 mm taken from platform level however the same may vary from station to station & location to location  
 3- The provisions laid down in RDSO's report of Nov 1998 issued by Railway Board vide letter no. 96/LM(B)/2/404 dt. 30.12.98 are as under:  
 \* The ramp slope max. 1:12 and length shall not be more than 9000 between two landings.  
 \* 900 High railing both side with 300 extension.  
 \* Gap between wall and hand rail min. 50.  
 \* For landing min. 2000 x 1800 finished with non slip material.  
 4- This is a sketch diagram only. The design of the column, thickness of wall for handrail(t) & ramp is to be done separately.



ELEVATION

ED (WORKS)	
DIRECTOR WORKS	
ASST. DESIGN ENGINEER	

### FOB RAMP FOR PHYSICALLY DISABLED PERSONS

SCALE:-NTS	DATE:-23.04.2013
DRAWING NO:- RDSO/WKS/2013/001	
FILE NO:- WKS/WS/35/Phy. Disa.	
WORKS DIRECTORATE	
R. D. S. O. LUCKNOW	

Usha soti  
 SSE (design)