

**Northern Railway**

Headquarters Office,  
Baroda House,  
New Delhi.

No. SD/TP/2021

Date: 22/11/2021

C.A.O./Const.  
Northern Railway,  
Kashmere Gate, Delhi.

C.A.O.-II/Const.,  
Northern Railway,  
Kashmere Gate, Delhi.

C.A.O./C/USBRL,  
Northern Railway,  
Jammu Tawi.

Divisional Railway Manager,  
Northern Railway,  
DLI, FZR, LKO, MB & UMB.

Sr. Divisional Engineer/Co-ord.,  
Northern Railway,  
DLI, FZR, LKO, MB & UMB.

**Type Plan No. O-104/2021**

**Sub: Standard Type Plan of "Powder Toilet for Divyangjans"**


In spite of the enabling policies and guidelines at national and state level regarding divyang toilet, there have been challenges faced by implementers and service providers because of lack of skills to deal with Divyang toilet due to in-adequate information.

In order to satiate the desire of Divyang Toilet, a Type Plan No. P-45/2019 (NRHQE Plan No. HQ/05/07-2019) of "Toilet & Ramp for Divyangs" has been already circulated earlier. In that, toilet enclosed both Water Closet & bathing facilities. A new Type Plan of "Powder Toilet for Divyangs" has been prepared, wherever, space is constrained. It encloses Water Closet with wash basin only. The layout plan conforms "Harmonised Guidelines and Space Standards for Barrier Free Built Environment for Person with Disability and Elderly Person (2016)" issued by MoUD, Govt. of India.

This Type Plan No. **O-104/2021 (NRHQE No. HQ/20/11-2021)** regarding "Powder Toilet for Divyangs" has been uploaded on Northern Railway website <https://nr.indianrailways.gov.in/> and can be downloaded. This may be circulated to all concerned for implementation of instructions contained therein.

If any discrepancy found in above Type Plan, kindly inform this office. You may also send your comments/remarks/suggestions, if any to this office so that necessary improvements/corrections may be incorporated.

Encl. - as above

  
Name: (K.K. SHARMA)  
Dy. Chief Engineer/ Stn.Dev.  
For General Manager/Engg.

**NOTE:-**

1. DO NOT SCALE THIS DRAWING.
2. THIS DRAWING IS TO BE READ WITH ALL RELATED INFORMATION.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE BY MAIN CONTRACTOR BEFORE THE COMMENCEMENT OF ANY DRAWING OR WORK WHATSOEVER.
4. ALL DIMENSIONS ARE IN MILLIMETER UNLESS SHOWN OTHERWISE.
5. ALL GRAB RAIL SHOULD BE PROPERLY FIXED TO HANDLE THE MINIMUM LOAD OF 45 kg (100 lbs).
6. ANTI-SKID OR SLIP RESISTANT TILES SHOULD BE USED ON FLOORING.
7. MIRROR SHOULD BE TILTED AT AN ANGLE OF 30° FOR BETTER VISIBILITY OF WHEELCHAIR USER.
8. VENTILATOR (600mm x 600mm) TO BE PROVIDED ACCORDING TO SITE OPENING.
9. ACCESSIBLE TOILET SHOULD HAVE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY (WITH BRAILLE SIGNAGE) DISPLAYED OUTSIDE FOR WHEELCHAIR ACCESS (Figure 1).
10. THERE SHOULD BE ADEQUATE COLOUR & TONAL CONTRAST BETWEEN THE FIXTURES, WALLS & FLOORING. THIS IS TO ENABLE EASY RECOGNITION BY PERSONS WITH VISUAL IMPAIRMENTS.
11. TOILET LEVEL SHOULD BE KEPT SAME AS LEVEL OF PLATFORM SO AS TO AVOID REQUIREMENT OF RAMP.
12. THIS DRAWING IS BASED ON RAILWAY BOARD'S LETTER NO. 2019/Stn.Dev.-103/06/Policy/PwDs dated 12.02.2020.

**LEGENDS:-**

ITEM NO.	PARTICULARS/ DESCRIPTION OF ITEM
1	WALL HUNG COMMODE
2	WASH BASIN
3	DOUBLE SWING DOOR POSITIONS
4	STAINLESS STEEL WALL MOUNTED L-SHAPE GRAB RAIL
5	STAINLESS STEEL SANITARY NAPKIN DISPOSAL
6	STAINLESS STEEL TISSUE HOLDER
7	STAINLESS STEEL VERTICAL GRAB RAIL
8	SOAP DISPENSER
9	TWO WAY BIB COCK
10	LEVER HANDLE TAP (Figure 2)
11	MIRROR
12	STAINLESS STEEL SHELF
13	SINGLE POST CLOTH HOOK
14	ALARM SWITCH
15	BACK REST (Figure 3)
16	STAINLESS STEEL DROP DOWN RAIL
17	SANITARY DISPOSAL UNIT
18	STAINLESS STEEL DISPOSAL BIN
19	STAINLESS STEEL PULL RAIL
20	ALARM RESET BUTTON
21	HAND JET SPRAY
22	FULL & HALF FLUSH BUTTON
23	KICK PLATE
24	ALARM RESET BUTTON
25	D-LEVER HANDLE

MONA SRIVASTAVA  
(CE/STN. DEV.)

K.K. SHARMA  
(DY.CE/STN. DEV.)

MOHD. SHARIF  
(PREPARED BY: SSE/ARCH.)

**NORTHERN RAILWAY**  
TYPE PLAN

**POWDER TOILET FOR DIVYANGS**

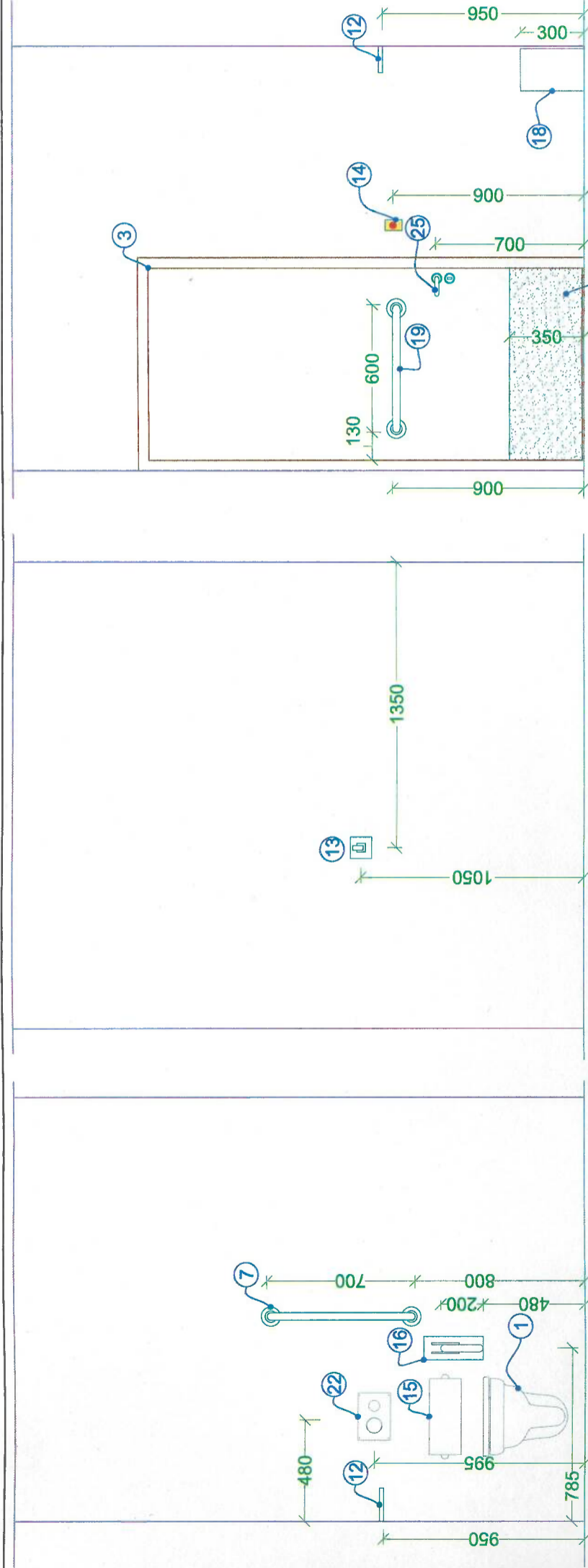
CASE NO. SD/TP/2021

SCALE : 1:25@A3

CANCEL PLAN NO. : NIL

SHEET NO. : 01 OF 01

N.R.H.Q.E. PLAN NO. : HQ/20/11-2021



**ELEVATION 'C'**



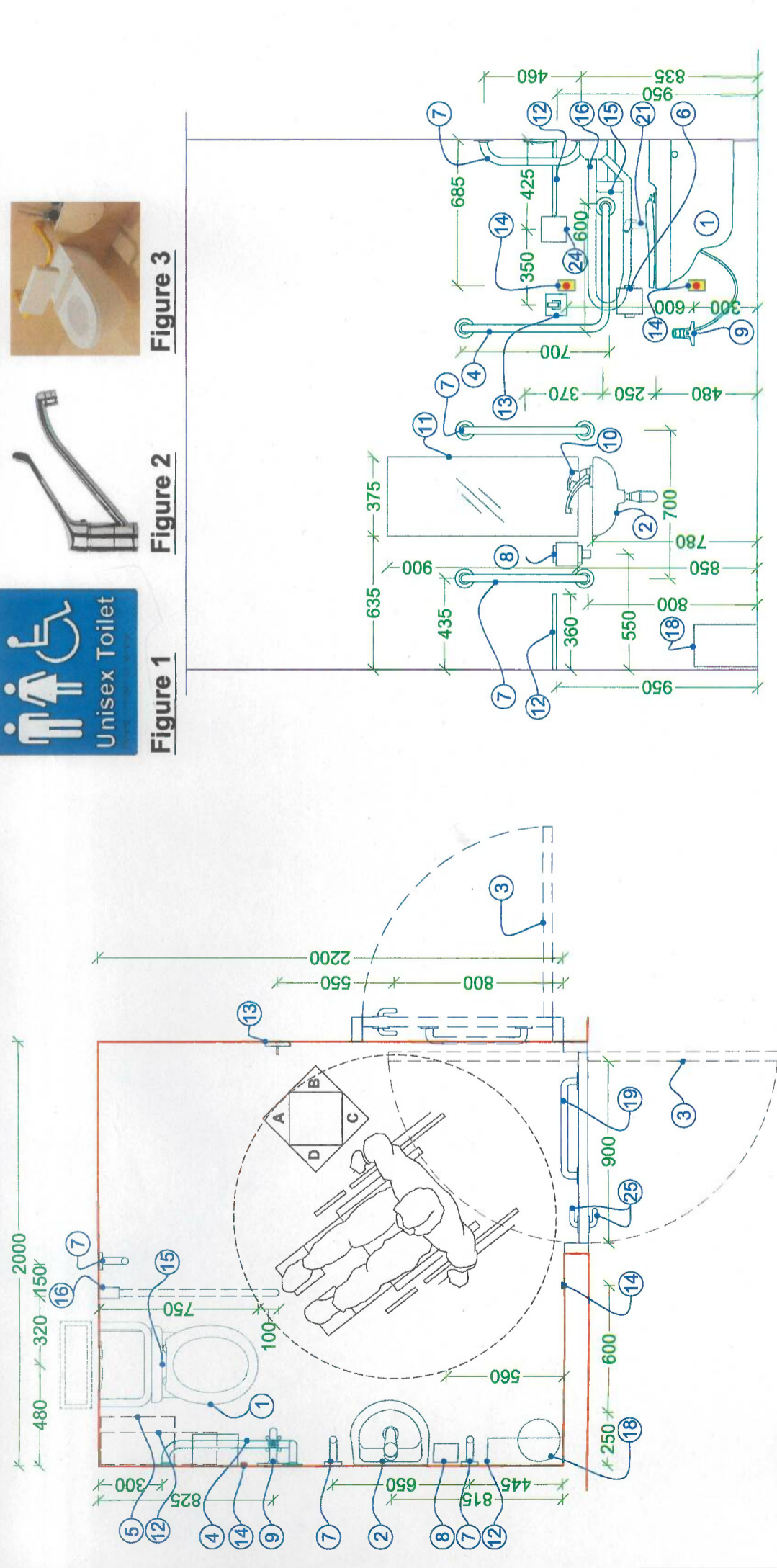
**Figure 1**

**Figure 2**

**Figure 3**

**ELEVATION 'A'**

**ELEVATION 'B'**



**ELEVATION 'D'**