

Northern Railway

Headquarters Office,
Baroda House,
New Delhi.

No. 46-W/Stn.Dev./Stn. Bldg.

Date: 03/08/2021

**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.**

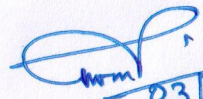
**Sr. Divisional Engineer/Co-ord.,
Northern Railway,
DLI, FZR, LKO, MB & UMB.**

Sub: Standard type plan of NSG 3, NSG 4, NSG 5 & NSG 6 station building.

Standard type plans for NSG-3, NSG-4, NSG-5 & NSG-6 category stations have been prepared in conformance to RDSO drawing no. SDO/S&TService building/001amdt1 for the operational requirements and minimum passenger amenities requirements as per Railway Board's guidelines regarding passenger amenities and user facilities at stations issued vide 2018/LM(PA)/03/06 dated 09.04.2018. These type plans for NSG-3, NSG-4, NSG-5 & NSG-6 stations have been approved by all concerned departments in the headquarter and enclosed for adherence by all field units while planning new stations or effecting modifications to existing stations over Northern railway.

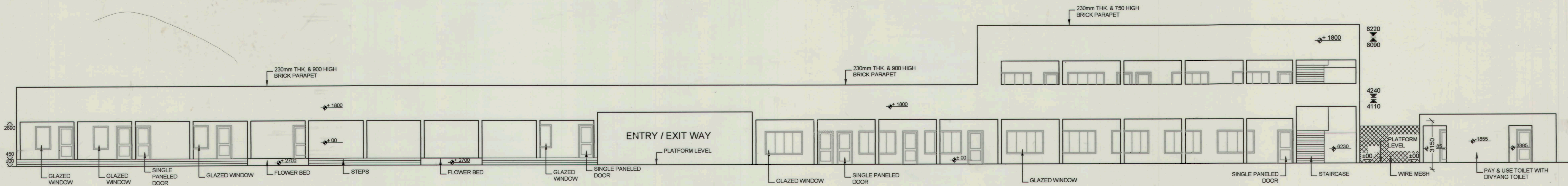
These type plans cater to the station requirements in plain as well as hilly terrain and should be necessarily used in all stations of NSG-3, 4, 5, 6 category planned to be constructed or modified. This shall obviate infructuous asset creation and thus effect economy during construction and subsequently in maintenance after construction and commissioning on a long term basis.

This is for information and necessary action please.

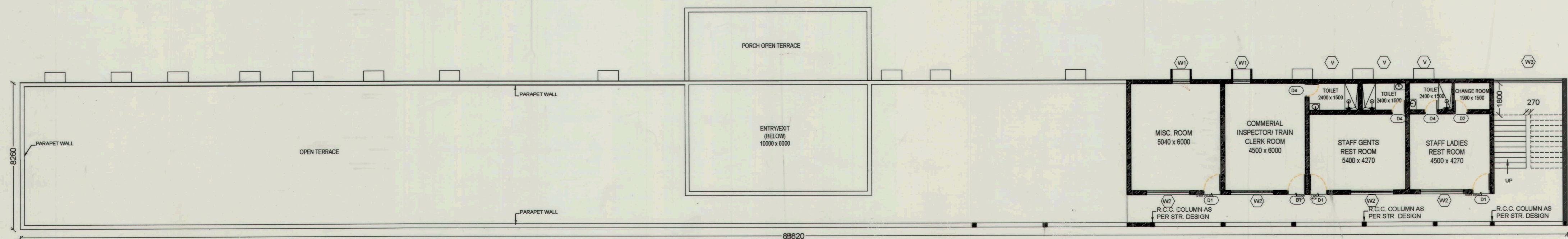

03/08/21
(Mona Srivastava)
Chief Engg./Stn. Dev.

Copy to:-

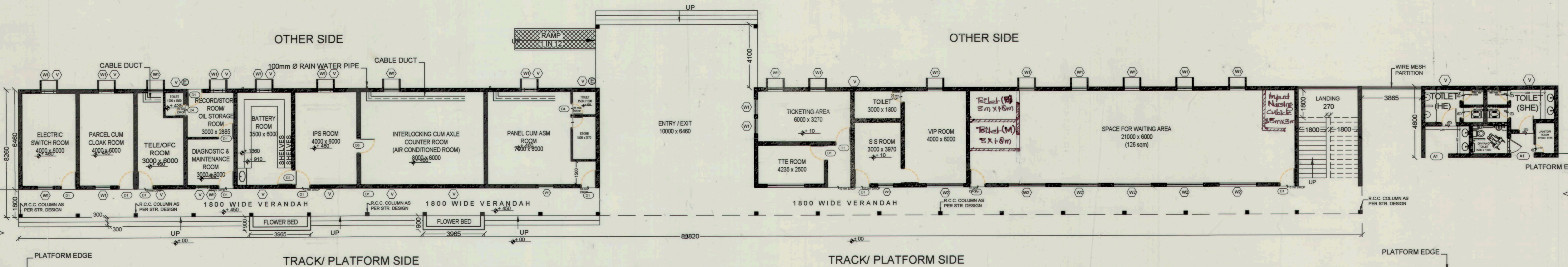
- a) CMD/RITES, for kind information please.
- b) MD&CEO/IRSDC, for kind information please.
- c) VC/RLDA, for kind information please.
- d) CMD/RVNL. for kind information please.
- e) CMD/IRCON, for kind information please.



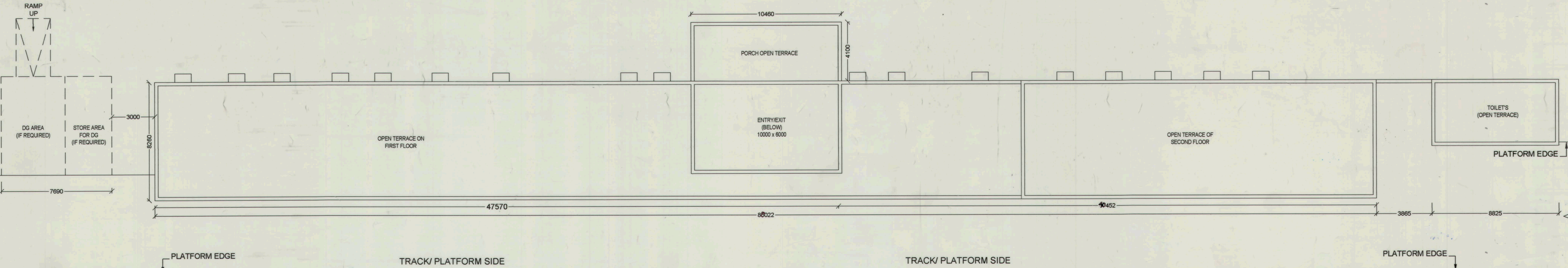
ELEVATION (PLATFORM/ TRACK SIDE)
(SCALE 1:150)



FIRST FLOOR PLAN
(SCALE 1:150)



GROUND FLOOR PLAN
(SCALE 1:150)



SITE PLAN
(SCALE 1:150)

SPACE FOR
KEY PLAN

KEY PLAN
(SCALE 1:)

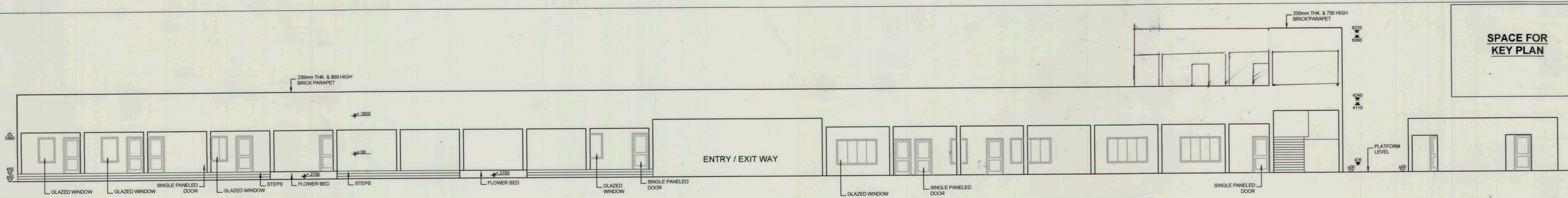
N.R.H.O.E. PLAN NO. : HQ/16/08-2021
TYPE PLAN NO. : O-103/2021
CANCEL TYPE PLAN NO. :

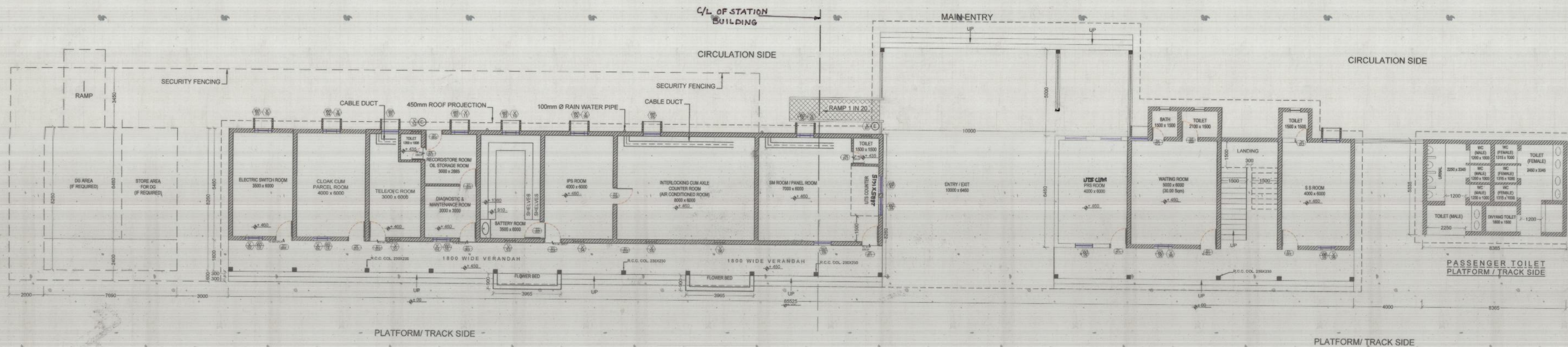
Do not Scale this drawing.
This drawing is to be read with all related information.
All Dimensions to be verified on site by Main Contractor before the commencement of any quarter drawing or work whatsoever.

- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES.
 2. STATION OPERATIONAL BUILDING HAS BEEN PLANNED AS PER NRHOE PLAN NO. HQ/02/02-2021 BASED ON RDSO DRAWING NO. SDO/S&T SERVICE BUILDING/001 AMDT 1 UPTO 100 ROUTES.
 3. BUILDING TO BE DESIGNED FOR G+1.
 4. ALL PASSENGER AMENITIES HAVE BEEN PROVIDED AS PER RAILWAY BOARD CIRCULAR NO. 2016/LM(PA)/03/06 DATED 09.04.2016.
 5. VACANT SPACE ON THE 1st FLOOR CAN BE USED FOR RETIRING ROOMS/ REST ROOMS/ RUNNING ROOMS/ LADIES & GENTS RAILWAY STAFF CHANGING ROOMS/ TUNNEL CONTROL ROOM ETC WITH THE SPECIFIC APPROVAL OF DRM OTHERWISE KEPT OPEN.
 6. THE STATION BUILDING TO HAVE IGBC GREEN BUILDING CERTIFICATION WITH ZERO NET DISCHARGE & OTHER GREEN STATION FEATURES.
 7. THE STATION BUILDING TO COMPLY WITH UNIVERSAL ACCESSIBLE GUIDELINES AS PER RAILWAY BOARD LETTER NO. 2019/LMB-I/3/2 DATED 27.12.2019.
 8. UTS CUM PPS BUILDING SHALL BE AS PER NRHOE PLAN NO. HQ/10/05-2003 & TYPE PLAN NO. O-89/2003 (S-1 & S-2) AS PER REQUIREMENT.
 9. THE RPF (POST/ OUTPOST) AND GRP (THANA/ POST) SHALL BE PLANNED AS PER DEMAND. PLAN ADOPTED IN USBRL PROJECT MAY BE FOLLOWED.
 10. FINISHES TO CONFIRM TO THE CE CIRCULAR NO. 617-R1-LATEST EXTENT INSTRUCTIONS.
 11. RATIO OF LADIES/ GENTS SITTING IN 1ST CLASS WAITING HALL SHOULD BE KEPT 60/40 RESPECTIVELY.
 12. PROVISION OF AC SHALL BE DONE AS PER RAILWAY BOARD LATEST GUIDELINES.
 13. KEEPING IN VIEW THAT INTERLOCKING CUM AXLE ROOM REQUIRES PROPER & CONTINUES AIR CONDITIONING, SO SIZE OF THIS ROOM TO BE KEPT AS SMALL AS POSSIBLE ALONG WITH LEAK PROOF DOOR AND WINDOWS.
 14. OR PARTITION MAY BE MADE FOR INTERLOCKING CUM AXLE COUNTER ROOM FOR PROVISION OF AC TO AVOID WASTAGE OF ELECTRICAL ENERGY.
 15. HOWEVER, DRM MAY MAKE NEED BASED MODIFICATION DULY RECORDING THE JUSTIFICATION THEREOF WITH THE APPROVAL OF GENERAL MANAGER.

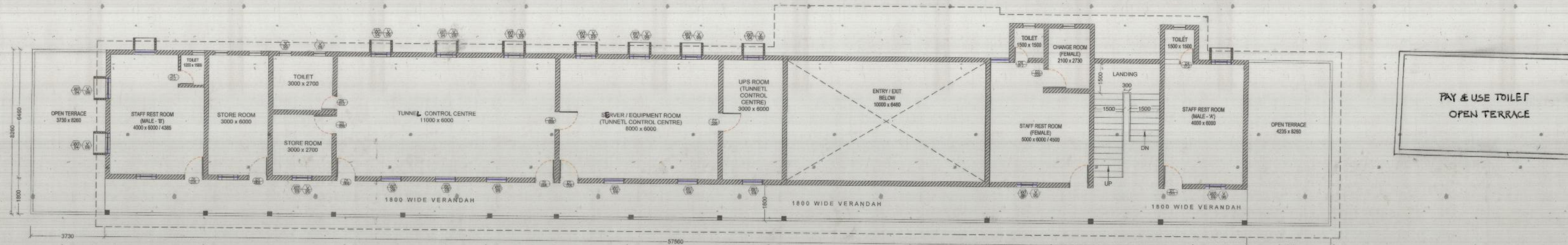
DOOR SCHEDULE		
D1	1000 x 2135	PANELED DOOR WITH MOSQUITO NET
D2	1000 x 2135	PANELED DOOR
D3	1000 x 2135	HALF GLASS SINGLE DOOR WITH DOUBLE LOCKING ARRANGEMENT
D4	750 x 2135	PANELED DOOR
D5	610 x 2135	PANELED DOOR
WINDOW/ VENTILATOR SCHEDULE		
W1	1000 x 1500	GLAZED WITH MOSQUITO NET
W2	2400 x 1500	
W3	3860 x 2400	
V	600 x 500	
ARCH OPENING		
A1	1500 x 2400	STRAIGHT ARCH OPENING

CE/P&D	
CTPM	
CSE-II	
CEGE	
CSC/RPF	
CCM/PS	
CE/SD	
NORTHERN RAILWAY	
Title	
NON SUBURBAN GRADE-3 (NSG-3)	
STATION BUILDING TYPE PLAN	
Drawing Description	
Ground & First Floor	
Layout plan	
SCALE 1:150@A1 SHEET NO. 01 OF 01	
N.R.H.O.E. PLAN NO. HQ/16/08-2021	





GROUND FLOOR PLAN



FIRST FLOOR PLAN

12. PROVISION OF AC SHALL BE DONE AS PER RLY. BOARD LATEST GUIDELINES.
13. (i) KEEPING IN VIEW THAT INTERLOCKING CUM AXLE ROOM REQUIRES PROPER AND CONTINUES AIR CONDITIONING. SO SIZE OF THIS ROOM TO BE KEPT AS SMALL AS POSSIBLE, ALONG WITH LEAKPROOF DOOR & WINDOWS.
- (ii) OR PARTITION MAY BE MADE FOR INTERLOCKING CUM AXLE COUNTER ROOM FOR PROVISION OF AC TO AVOID WASTAGE OF ELECTRIC ENERGY.

N.R.H.Q.E. PLAN NO. HQ/04/03-2021
TYPE PLAN NO. O-100-2021
CANCEL TYPE PLAN NO. -

NOTES

1. STATION OPERATIONAL BUILDING HAS BEEN PLANNED AS PER NRHQE PLAN NO. HQ/02/02-2021 BASED ON RDSO DRAWING NO. SDO/S&T SERVICE BUILDING/001AMDT1 UPTO 100 ROUTES.
2. ALL PASSENGER AMENITIES HAVE BEEN PROVIDED AS PER RAILWAY BOARD CIRCULAR NO. 2018/LM(PA)/03/06 DATED 09.04.2018.
3. THE STATION BUILDING TO HAVE IGBC GREEN BUILDING CERTIFICATION WITH ZERO NET DISCHARGE AND OTHER GREEN STATION FEATURES.
4. THE STATION BUILDING TO COMPLY WITH UNIVERSAL ACCESSIBLE GUIDELINES AS PER RAILWAY BOARD LETTER NO. 2019/LMB-I/3/2 DATED 27.12.2019.
5. TUNNEL CONTROL ROOM TO BE PROVIDED WHERE STATION IS IN APPROACH OF TUNNELS.
6. CLOAK ROOM, PARCEL ROOM TO BE PROVIDED AS PER REQUIREMENT.
7. THE DG SET SHOULD BE PROVIDED IN THE ESS WHICH SHOULD CATER TO ALL THE REQUIREMENTS OF THE STATION IE. S&T, ELECTRICAL AND ALLIED REQUIREMENTS OF LIGHTING, VENTILATION ETC IN THE TUNNEL WHEREVER APPLICABLE.
8. UTS CUM PRS BUILDING SHALL BE AS PER NRHQE PLAN NO. HQ/10/05-2003 & TYPE PLAN NO. O-89/2003 (S-1 & S-2) AS PER REQUIREMENT AS SHOWN IN PLAN.
9. THE RPF (POST/OUTPOST) AND GRP (THANA/POST) SHALL BE PLANNED AS PER DEMAND. PLAN ADOPTED IN USBRL PROJECT MAY BE FOLLOWED.
10. FINISHES TO CONFIRM TO THE CE CIRCULAR NO. 617/R1/ LATEST EXTANT INSTRUCTIONS.
11. ALL DIMENSIONS ARE IN MILLIMETRES.

CONT...

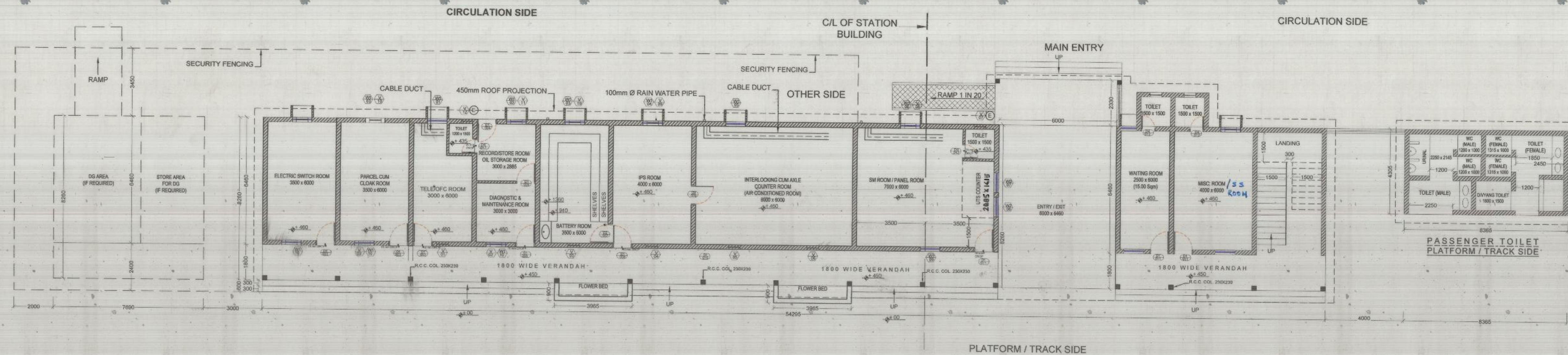
AREA STATEMENT:

1. TOTAL FLOOR AREA ON GROUND FLOOR = 774.64 sqm.
2. TOTAL FLOOR AREA ON FIRST FLOOR = 486.27 sqm.
3. TOTAL FLOOR AREA ON GROUND & FIRST FLOOR = 1260.91 sqm.

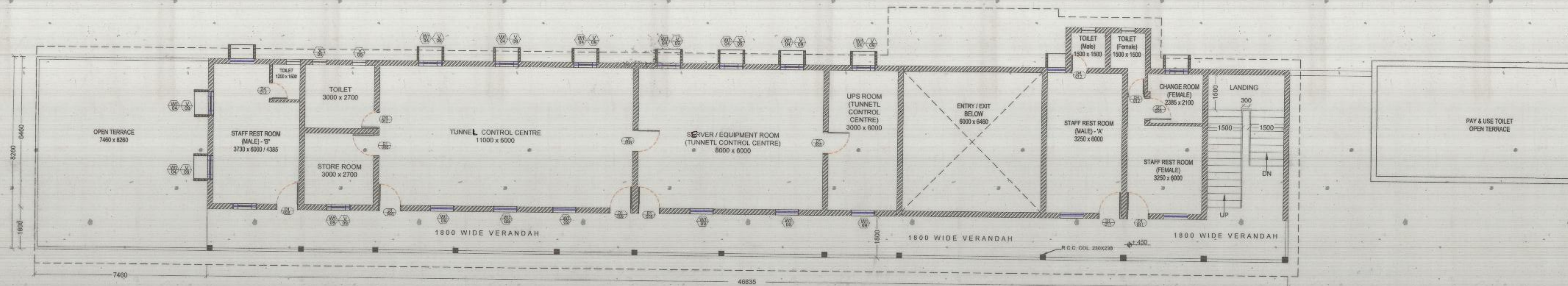
NORTHERN RAILWAY

Title
NSG 5 STATION BUILDING TYPE PLAN
Drawing Description
Ground & First Floor layout plan
SCALE 1:125 @ A1 SHEET NO. 01 OF
N.R.H.Q.E. PLAN NO. HQ/04/03-2021

CCM/PS CSC/RPF CE/SD CECE CSE-II CTPM CE/P&D



GROUND FLOOR PLAN



FIRST FLOOR PLAN

12. PROVISION OF AC SHALL BE DONE AS PER RLY BOARD LATEST GUIDELINES.
13. (i) KEEPING IN VIEW THAT INTERLOCKING CUM AXLE ROOM REQUIRES PROPER AND CONTINUOUS AIR CONDITIONING, SO SIZE OF THIS ROOM TO BE KEPT AS SMALL AS POSSIBLE ALONG WITH LEAK PROOF DOOR & WINDOWS.
- (ii) OR PARTITION MAY BE MADE FOR INTERLOCKING CUM AXLE COUNTER ROOM FOR PROVISION OF AC TO AVOID WASTAGE OF ELECTRIC ENERGY.

N.R.H.Q.E. PLAN NO. : HQ/05/03-2021
TYPE PLAN NO. : O-101-2021
CANCEL TYPE PLAN NO. : -
NOTES
1. STATION OPERATIONAL BUILDING HAS BEEN PLANNED AS PER NRHQE PLAN NO. HQ/02/02-2021 BASED ON RDSO DRAWING NO. SDO/S&T SERVICE BUILDING/001AMDT1 UPTO 100 ROUTES.
2. ALL PASSENGER AMENITIES HAVE BEEN PROVIDED AS PER RAILWAY BOARD CIRCULAR NO. 2018/LM(PA)/03/06 DATED 09.04.2018.
3. THE STATION BUILDING TO HAVE IGBC GREEN BUILDING CERTIFICATION WITH ZERO NET DISCHARGE AND OTHER GREEN STATION FEATURES.
4. THE STATION BUILDING TO COMPLY WITH UNIVERSAL ACCESSIBLE GUIDELINES AS PER RAILWAY BOARD LETTER NO. 2019/LMB-I/3/2 DATED 27.12.2019.
5. TUNNEL CONTROL ROOM TO BE PROVIDED WHERE STATION IS IN APPROACH OF TUNNELS.
6. CLOAK ROOM, PARCEL ROOM TO BE PROVIDED AS PER REQUIREMENT.
7. THE DG SET SHOULD BE PROVIDED IN THE ESS WHICH SHOULD CATER TO ALL THE REQUIREMENTS OF THE STATION IE. S&T, ELECTRICAL AND ALLIED REQUIREMENTS OF LIGHTING, VENTILATION ETC IN THE TUNNEL WHEREVER APPLICABLE.
8. UTS CUM PRS BUILDING SHALL BE AS PER NRHQE PLAN NO. HQ/10/05-2003 & TYPE PLAN NO. O-89/2003 (S-1 & S-2) AS PER REQUIREMENT AS SHOWN IN PLAN.
9. THE RPF (POST/OUTPOST) AND GRP (THANA/POST) SHALL BE PLANNED AS PER DEMAND. PLAN ADOPTED IN USBRL PROJECT MAY BE FOLLOWED.
10. FINISHES TO CONFIRM TO THE CE CIRCULAR NO. 617/R/1 LATEST EXTANT INSTRUCTIONS.
11. ALL DIMENSIONS ARE IN MILLIMETRES.
CONT...
AREA STATEMENT:
1. TOTAL FLOOR AREA ON GROUND FLOOR = 562.72 sqm.
2. TOTAL FLOOR AREA ON FIRST FLOOR = 393.23 sqm.
3. TOTAL FLOOR AREA ON GROUND & FIRST FLOOR = 955.95 sqm.
NORTHERN RAILWAY
Title : NSG 6 STATION BUILDING TYPE PLAN
Drawing Description : Ground & First Floor layout plan
SCALE : 1:125 @ A1 SHEET NO. 01-OF
N.R.H.Q.E. PLAN NO. HQ/05/03-2021

CCM/PS	CSC/RPF	CE/SD	CEGE	CSE-II	CTPM	CE/P&D
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