



Chennai Metro Rail Limited

(A Joint Venture of Govt. of India and Govt. of Tamil Nadu)

T. Livingstone Eliazer
Chief General Manager (PP & D)

CMRL/CONS/CMDA/ NOC Policy/2022

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Dt:02.12.2022

To,

The Member Secretary,
Chennai Metropolitan Development Authority
No.1, Gandhi Irwin Road, Egmore,
Chennai – 600 008.

Sir/Madam,

Sub: CMDA – e-Governance – Single Window Approval System – Online NOC integration with the department through Single Window portal – NOC integration Single Window Portal by Principle Secretary to Government, Housing and Urban Development Department – Held on 12.10.2022 – Instruction issued – Reg.

Ref: CMDA Letter No. Comp/e-Gov/7689/2021 Dated: 14.10.2022

As discussed during the meeting held on 12th October 2022 for online NOC integration in Single Window Portal, the required details to CMDA is given below for your kind information.

Sl.No	Details Requested	Remarks
1.	To share the guidelines framed for issuance of NOC.	The Guidelines for the issuance of NOC is attached in annexure -1. The Metro protection zone of phase-I and II as per guideline will be uploaded in CMRL website shortly.
2.	To provided contact details of the Nodal Officers.	(i) Mr. T. Livingstone Eliazer, CGM (PP&D) e-Mail: livingstone.eliazer@cmrl.in (ii) Ar. S. Rajalakshmi, JGM (Architecture) e-Mail: rajalakshmi.s@cmrl.in
3.	To provide timelines required for issuance of NOC	To issue the NOC, it takes 30 working days from the date of receiving the letter with all the particulars.
4.	To share the requirement for user credentials	JGM (Arch) – CMRL – Already Shared. CGM (PP&D) - CMRL

Thanking you,

For Chennai Metro Rail Ltd.,

T. Livingstone Eliazer
02/12/2022

Chief General Manager (PP&D)

Encl: Annexure-1

Copy to: D(P)/CMRL – for kind information

METROS, No. 327, Anna Salai, Nandanam, Chennai - 600 035.

Email: chennaietrail@cmrl.in / Website: www.chennaietrail.org

CIN : U60100TN2007SGC065596

**Chennai Metro Rail Policy for issuing No Objection Certificate for any
Development/ Construction inside 'Metro Protection Zone'.**

Preface:

Currently, for any development proposal or planning permission within 50m from the center of the metro alignment, NOC is to be obtained from CMRL. CMRL will issue 'No Objection Certificate' to any Development/ construction proposal within the Metro Protection Zone on receipt of application from Development authorities.

The purpose of issuing NOC is to ensure that,

- the proposed development does not affect the existing CMRL structures.
- the proposed development does not infringe with the proposed CMRL alignment.

Now, the NOC policy have been framed separately for (I) completed corridors and (II) proposed/ under implementation corridors of CMRL as below.

NOC Policy guidelines:**I. For completed Corridors of CMRL:****A. Underground (UG) section:**

In case of Underground section, the Metro Protection Zone will be 11 m on either side from end of UG structures. Figure 1 to 3 indicates the cross section of Metro Protection Zone for Tunnels, Cut & Cover/ ramps and UG stations. This Metro Protection Zone for CMRL operational corridors are available in CMRL website in KML format.

- Any developments inside this ZONE requires NOC from CMRL.
- The area above UG structures as well as 3.5 m on either side from edge of UG structure is defined as ZONE-I.
- The balance area of 7.5m on either side of ZONE-I is defined as ZONE-II.

1.1 Prohibited activities in the ZONE-I:

1. Deep foundation/ pile foundation works/ Anchoring works (Ground anchors/ Rock anchors).
2. Bore wells, bore holes, dredging or any similar works.
3. Use of explosives for controlled blasting.

1.2 Restricted activities in the ZONE-I:

1. Deep excavation and trenches for basement works.

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2. Installation/replacement of Utilities, conduits, or any similar works.
3. Construction of underground passageways.

If any development or part falls within ZONE I, following criteria is to be considered:

1. Allowable Pressure on Tunnel top level should not exceed 60 KPa.

1.3 Restricted activities in the ZONE-II:

1. If pile foundations are proposed inside ZONE-II, then debonding is to be done as shown in figure 4.
2. Excavations/bore wells/ bore holes.

B. At-Grade/ Elevated Section:

In case of At-Grade/ Elevated sections (above ground structures), the Metro Protection Zone will be 5m on either side from edge of the CMRL structures. Figure 5 & 7 indicates the Metro Protection Zone for Viaduct, Ramps and Elevated stations including entry and exit structures.

- Any developments inside this ZONE require NOC from CMRL.
- The area within 2m on either side from edge of CMRL At-Grade/ Elevated structure is defined as ZONE-I.
- The balance area of 3m on either side of ZONE-I is defined as ZONE-II.

2.1 Prohibited activities in the ZONE-I:

1. Any type of excavation/construction works.
2. Movement or operation of cranes, hoists and other lifting equipments.
3. Installation/replacement of Utilities, conduits, or any similar works.
4. Erection of scaffolding and other temporary structures.
5. Storage of goods.
6. Use of explosives.

2.2 Restricted activities in the ZONE-II:

1. Installation or replacement of utilities, conduits, or any similar works.
2. Drilling of Anchors.
3. Vibration/ explosives for controlled blasting.

The prohibited activities listed above are not allowed inside the Metro Protection Zone whereas the restricted activities listed above will be permitted by CMRL only after detailed analysis and safety considerations.

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II. For Proposed/ under implementation corridors (both Elevated and Underground sections) of CMRL:

In case of proposed/ under implementation corridors, the Metro Protection Zone for CMRL will be 50m on the either side of centre line of CMRL alignment (both above ground and below ground sections).

III. Mandatory Documents to be enclosed with application.

1. Land Plan of the subjected area.
2. Design report of proposed structures including foundation along with base pressure calculations.
3. Structural details and drawings of the proposed structures.
4. Any other statutory documents to substantiate the above.

IV. Procedure:

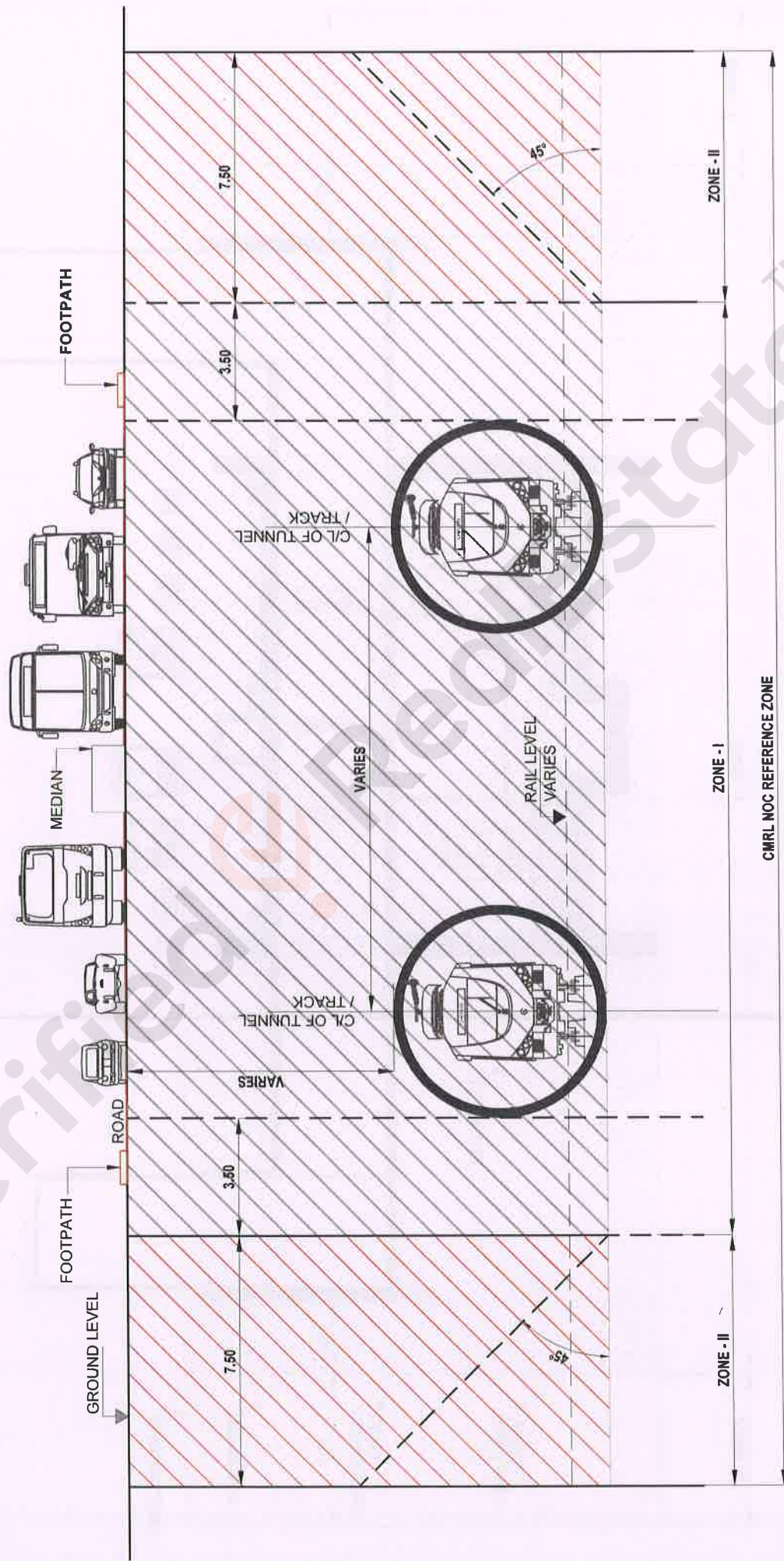
- a. Joint General Manager (Architecture), CMRL is in-charge for receiving the applications sent by Approval Authority (CMDA/ GCC/ Municipal Corporation/ Panchayat Union etc) either directly or on Single Window Portal (SWP).
- b. The location of subject property shall be verified at site by CMRL with respect to CMRL Alignment/ Metro protection zone.
- c. In case any additional details/document required, same shall be communicated in Online portal / directly to approval authority (CMDA/ GCC/ Municipal Corporation/ Panchayat Union etc).
- d. On technical clearance, the application shall be sent to CMRL Authority for approval. On approval by Director (Projects) through Chief General Manager- PP&D, NOC letters will be issued through single window portal/ directly to approval authority (CMDA/ GCC/ Municipal Corporation/ Panchayat Union etc). On rejection of application, same will be communicated to Development Authority.

V. Timeline:

The reply to NOC application shall be sent through single window portal/ directly to approval authority (CMDA/ GCC/ Municipal Corporation/ Panchayat Union etc) within 30 days from the receipt of all necessary documents.

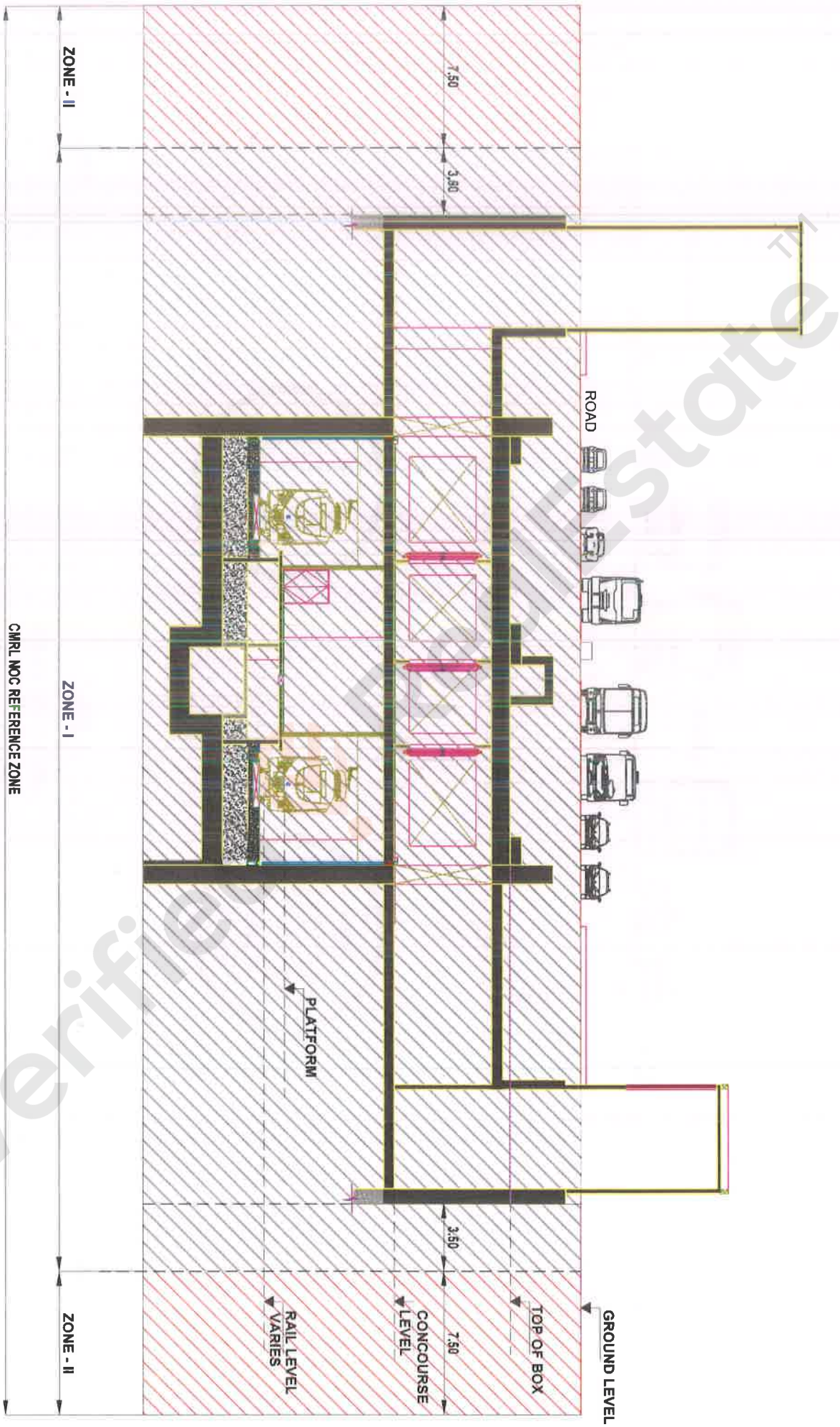
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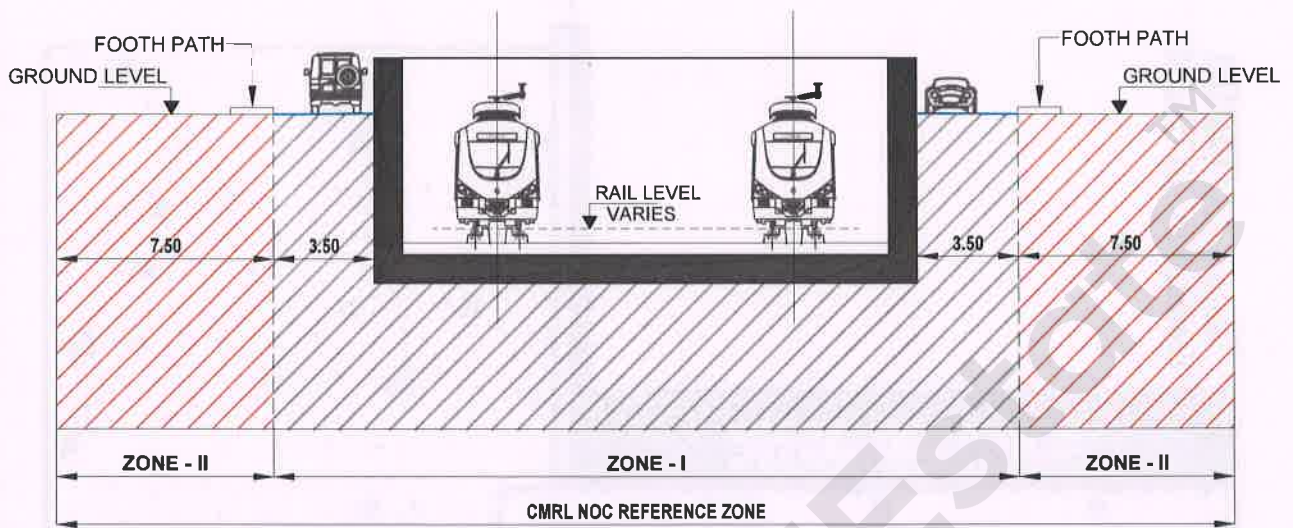
CROSS SECTION OF TUNNEL

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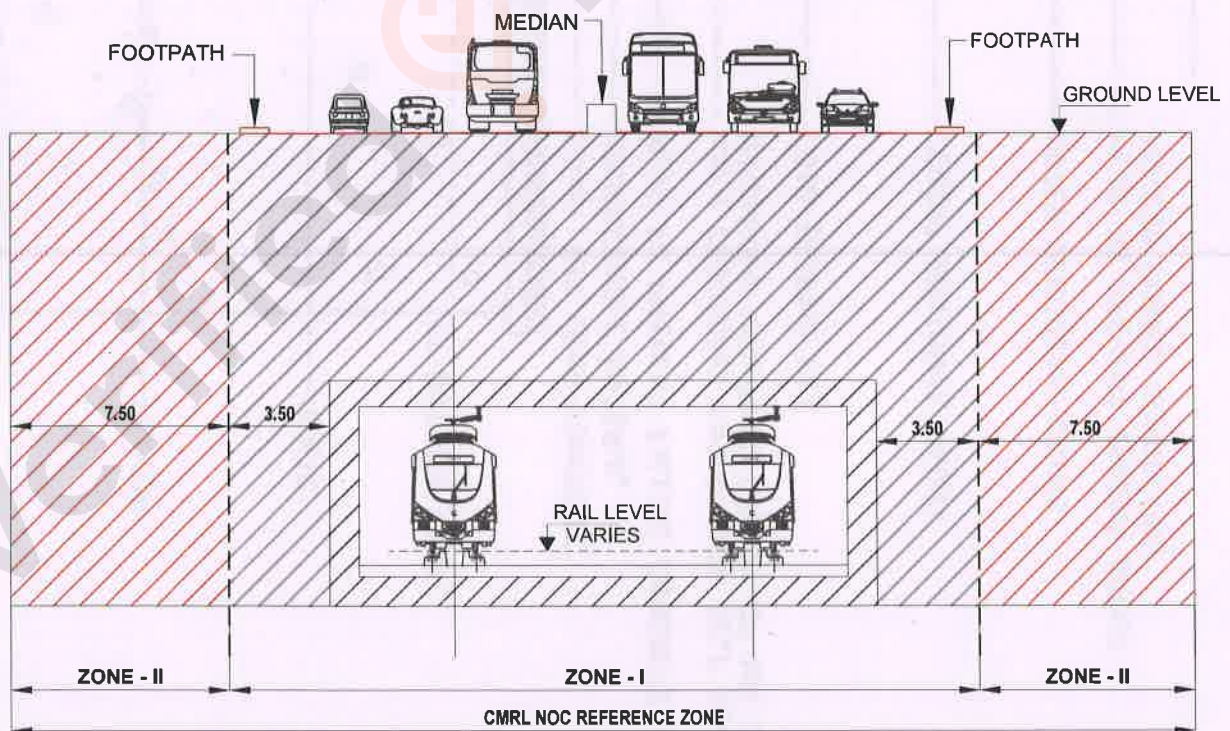


CROSS SECTION AT UNDER GROUND STATION

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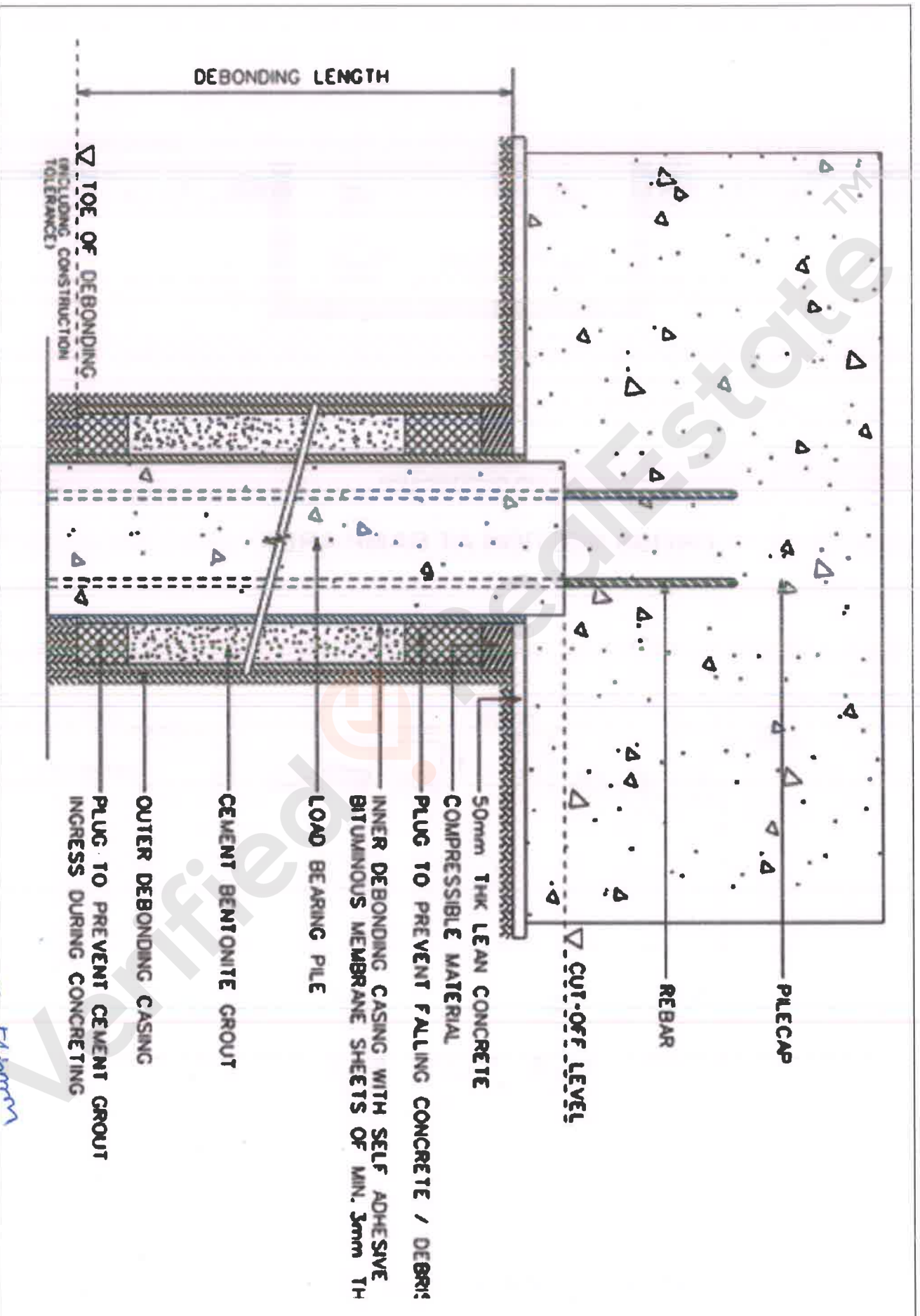
CROSS SECTION AT RAMP AREA



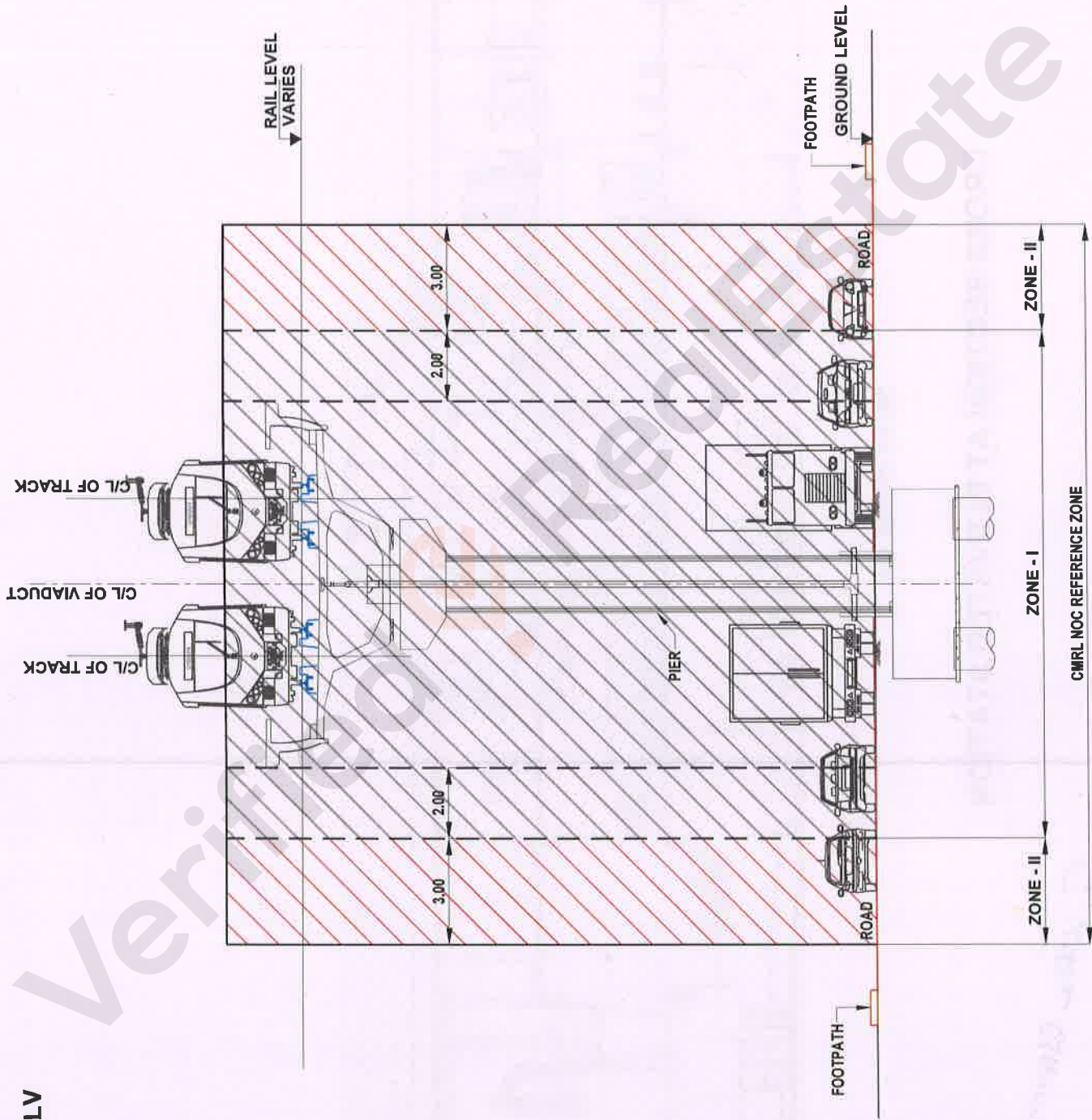
CROSS SECTION AT BOX SECTION

Life Diagram

Figure -4

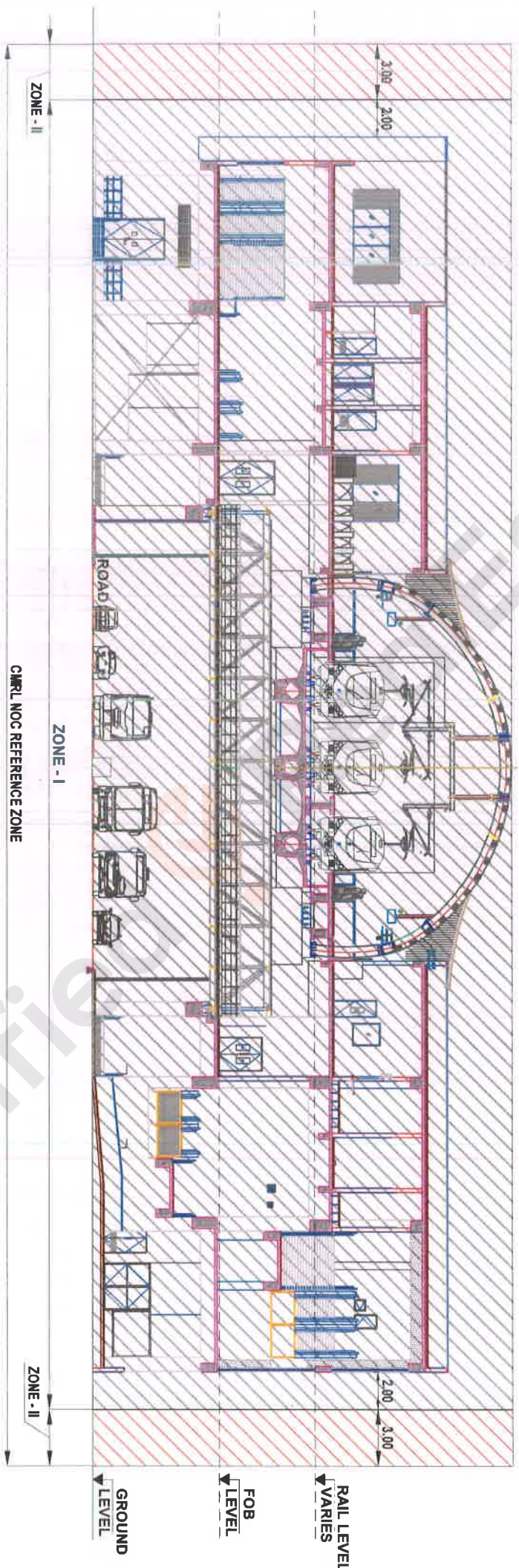


1. Live Diagram



CROSS SECTION OF VIADUCT

CROSS SECTION AT ELEVATED STATION



1. Live Diagram

