

**BEFORE THE NATIONAL GREEN TRIBUNAL SOUTHERN ZONE,
CHENNAI**

Original Application No.39 of 2020 (SZ)

IN THE MATTER OF:

Dr. Lubna Sarwath

...Applicant(s)

Versus

1) State of Telangana,
Rep. by its Chief Secretary,
And 8 Ors

...Respondent(s)

**INTERIM COMPLIANCE REPORT OF THE IRRIGATION AND CAD
DEPARTMENT - R5**

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Place: Chennai

Date: 07.10.2025

Mrs. H. Yasmeen Ali,
Counsel for the 5th Respondent.

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Versus

1) State of Telangana,
Rep. by its Chief Secretary,
Vice-Chairperson State WALTA Authority,
Secretariat, B - Block, BRKR Bhavan,
9 th Floor Telangana,
Hyderabad - 500 004,
And 8 Ors

...Respondent(s)

**INTERIM COMPLIANCE REPORT OF THE IRRIGATION AND CAD
DEPARTMENT - R5**

I, V. Suresh Babu, S/o. V. Thimmanna aged about 59 years, working as an Executive Engineer - Irrigation and CAD Department, Hyderabad District, do hereby solemnly affirm and sincerely state as follows:

1. I submit that, I am filing this Interim Compliance Report as per the directions issued in Para 62 of the Judgment dated 10.08.2023 in the above said O.A. No. 39 of 2020 by this Hon'ble NGT and as such I am well acquainted with the facts and circumstances of the case.

2. It is respectfully submit that the Clause III is "The Irrigation Department is directed to ensure that the 9th respondent is complying with the conditions referred in Clause II" and in compliance of the Clause II the 9th respondent/M/s. Phoenix Spaces Pvt. Ltd., has executed the construction of an RCC box-type storm water drain of internal dimensions 2000 mm x 2000 mm, in accordance with the technical conditions and alignment stipulated by the Irrigation Department. Further submit that the total length of the drain is 306 meters, completed in three phases and designed to convey stormwater from the project premises towards Bulkapur Nala, thereby maintaining hydraulic connectivity. The construction was completed in the month of


Executive Engineer.
Irrigation Division No.1,
Red Hills, Hyderabad.

August 2024. The Irrigation Department has ensured compliance through field inspections at multiple stages of execution. The drain alignment, dimensions and connectivity with Bulkapur Nala were physically verified by departmental engineers. The constructed drain conforms to the stipulated technical specification, and there are no deviations from the approved proposal. The supporting photographs of the completed works are enclosed as Annexure – I.

3. It is respectfully submit that the Clause IV is “The Irrigation Department to restore BulkapurNalah and explore the possibility of impounding water in the Nalah to recharge the ground water” and in compliance of, the Bulkapur Nala (historically known as the Balkapur Channel) is a significant engineered hydraulic channel constructed in the 19th century to divert surplus floodwaters from the Musi River towards Hussain Sagar. Spanning approximately 51.5 km, the nala traverses both Ranga Reddy and Hyderabad Districts and was historically designed to carry substantial discharge volumes. Over time, with the growth of Hyderabad, the nala has evolved its original function as a feeder channel to one that presently conveys a combination of stormwater and incidental urban runoff, functioning as a vital component of the urban drainage network.

4. It is respectfully submit that, due to unregulated urban expansion and large-scale infrastructure development, the nala has undergone considerable degradation in recent decades. These transformations include narrowing and alteration of the original channel corridor, formation of internal roads and access paths within the streambed, unauthorized earth fillings, and disruptions in the natural flow alignment-often caused by major constructions such as the Outer Ring Road (ORR) which intersects and fragments the nala at multiple locations. These cumulative physical modifications have significantly impacted the hydraulic efficiency of the nala and led to fragmentation of the flow path across several stretches. In view of the Hon'ble Tribunal's directions and recognizing the critical importance of this waterway, the Irrigation Department has proposed a phased and



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coordinated restoration program. The overarching objectives of this initiative are to re-establish flow continuity, prevent further obstruction and enhance the channel's utility for stormwater conveyance and potential groundwater recharge.

5. It is respectfully submit that accordingly, a joint technical survey is being taken up in coordination with HYDRAA (Hyderabad Disaster Management and Asset Protection Agency), Municipal Authorities (GHMC, HMDA, and concerned local bodies) and the Revenue Department. This survey will integrate historical topography, GIS tools, and cadastral overlays to determine the original alignment, present status and existing obstructions along the nala course. Based on the findings of this survey, steps will be initiated to demarcate and safeguard the nala corridor in accordance with G.O. Ms. No. 168, MA & UD Dept., Dt.07.04.2012. Proposals for fencing shall be considered wherever technically and legally feasible, with the objective of securing the stream corridor and facilitating future maintenance and access.

6. It is respectfully submit that restoration measures are proposed to include removal of unauthorized earth fillings, revival of open channel segments wherever feasible, and consideration of box-type RCC storm drains in urbanized areas to restore hydraulic connectivity and mitigate flood risks. All such interventions will be subject to detailed hydrological and structural evaluation and shall avoid interference with legally established infrastructure or developments. To coordinate these multi-disciplinary efforts, an inter-agency mechanism is being under formalization, comprising representatives from the Irrigation Department, HYDRAA, Municipal Engineering Wings, and the Revenue Department. This committee will periodically review the restoration plan, monitor progress and address emerging field-level challenges.



Executive Engineer,
Irrigation Division No.1,
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7. It is respectfully submit this approach seeks to restore Bulkapur Nala as a hydraulically functional channel, enabling groundwater recharge opportunities where feasible, while ensuring legal compliance and avoiding conflict with any existing statutory provisions or authorized developments.

Therefore, I pray this Hon'ble Court may be pleased to pass an appropriate order or other orders which are deems fit and proper to circumstances of the case and thus render justice.

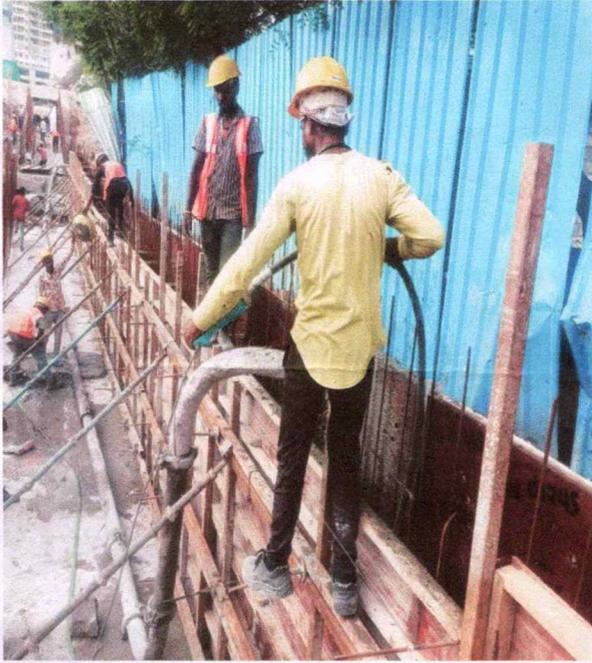
VERIFICATION

I, V. Suresh Babu S/o. V. Thimmanna, aged about 59 years, working as an Executive Engineer – Irrigation and CAD Department, Hyderabad District, do hereby declare that the contents are true and correct to the best of my knowledge and the information available on records.

Verified on this the 27th Day of September 2025.


DEPONENT
Executive Engineer
Irrigation Division No.1,
Red Hills, Hyderabad.

5
ANNEXURE-1

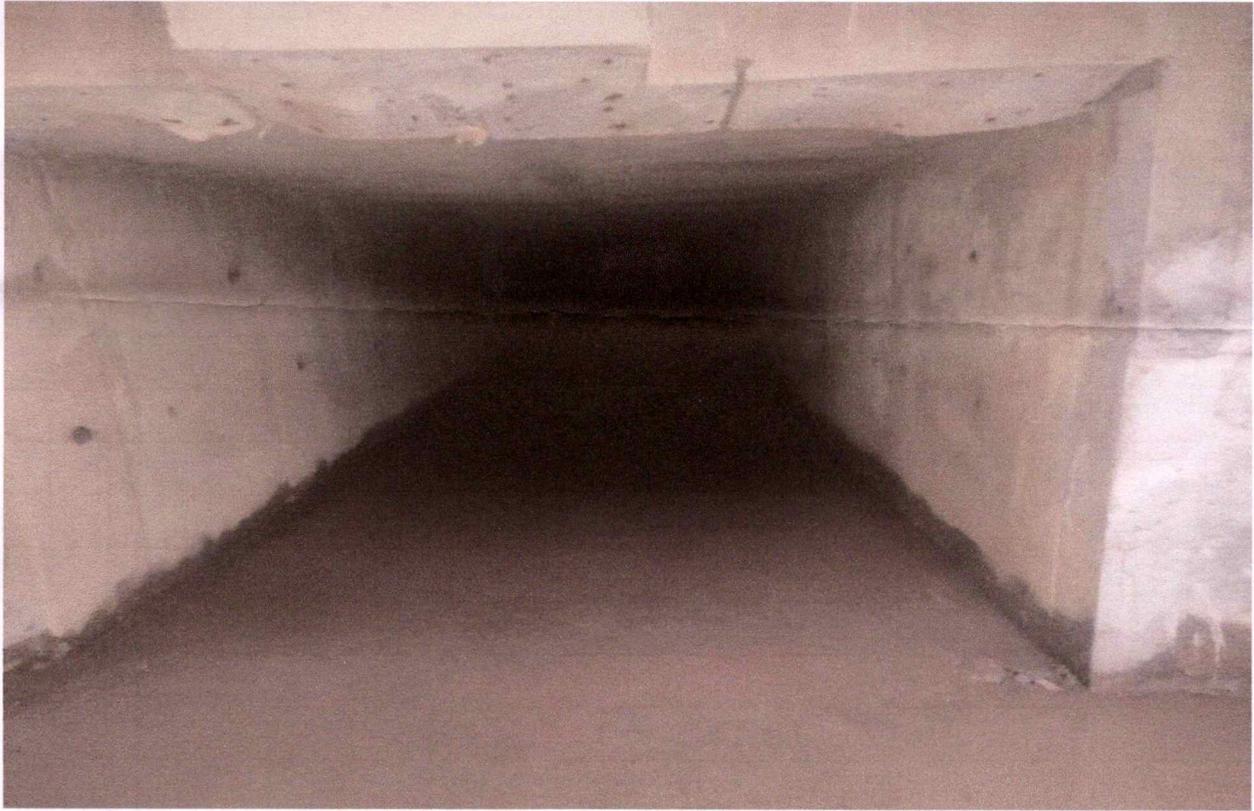
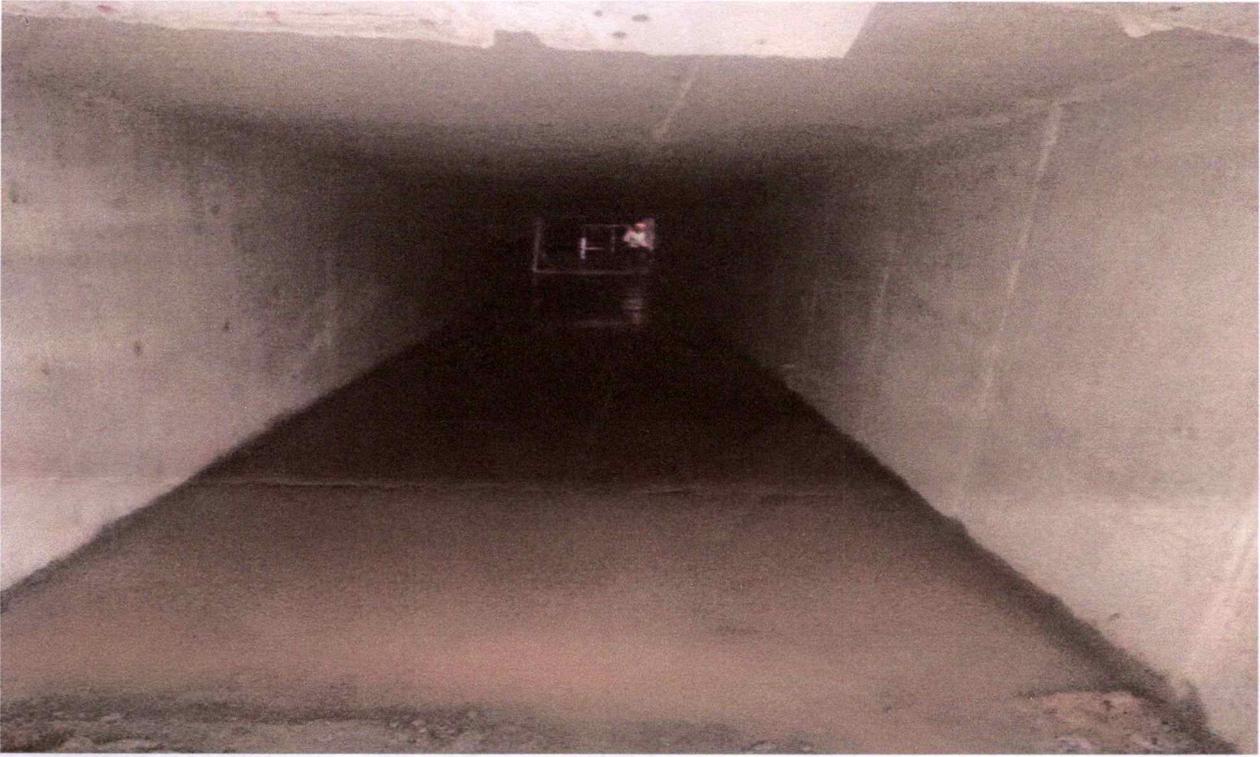


Construction of Storm Water Drain work in progress

W. Chryso
AEE

Zamir
Deputy Executive Engineer (I & CADD)
Irrigation Sub Division No-4
Hyderabad.

[Signature]
Executive Engineer,
Irrigation Division No.1,
Red Hills, Hyderabad.



Construction of Storm Water Drain work in progress

Nandyab
AEE

gms
Deputy Executive Engineer (I & CADD)
Irrigation Sub Division No-4
Hyderabad.

[Signature]
Executive Engineer,
Irrigation Division No.1,
Red Hills, Hyderabad.



Inspection of Storm Water Drain work

N. Arora
AEE

[Signature]
Deputy Executive Engineer (I & CADD)
Irrigation Sub Division No-4
Hyderabad.

[Signature]
Executive Engineer,
Irrigation Division No.1,
Red Hills, Hyderabad.



Inspection of Storm Water Drain work

N. Anurag
ACE

Jana
Deputy Executive Engineer (I & CADD)
Irrigation Sub Division No-4
Hyderabad.

[Signature]
Executive Engineer, Page | 4
Irrigation Division No.1,
Red Hills, Hyderabad.



Inspection of Storm Water Drain work

N. Srinivas
AEE

Zana
Deputy Executive Engineer (I & CADD)
Irrigation Sub Division No-4
Hyderabad.

[Signature]
Executive Engineer,
Irrigation Division No. 1,
Red Hills, Hyderabad.

BULKAPUR NALA & BOX
DRAIN WATER FLOW
DIRECTIONS



Red Line - Box drain connecting to Balkapur Nala direction North to South
Yellow Line - Flow direction of Balkapur Nala West to East
Balkapur Nala starting from kokapet Lake passing through Sy. Nos. 286(P), 287(P) and 285(P) to ORR Service Road Nala

ANNEXURE - III

Completed Box Nala Images
with Geographic Details

Image1:

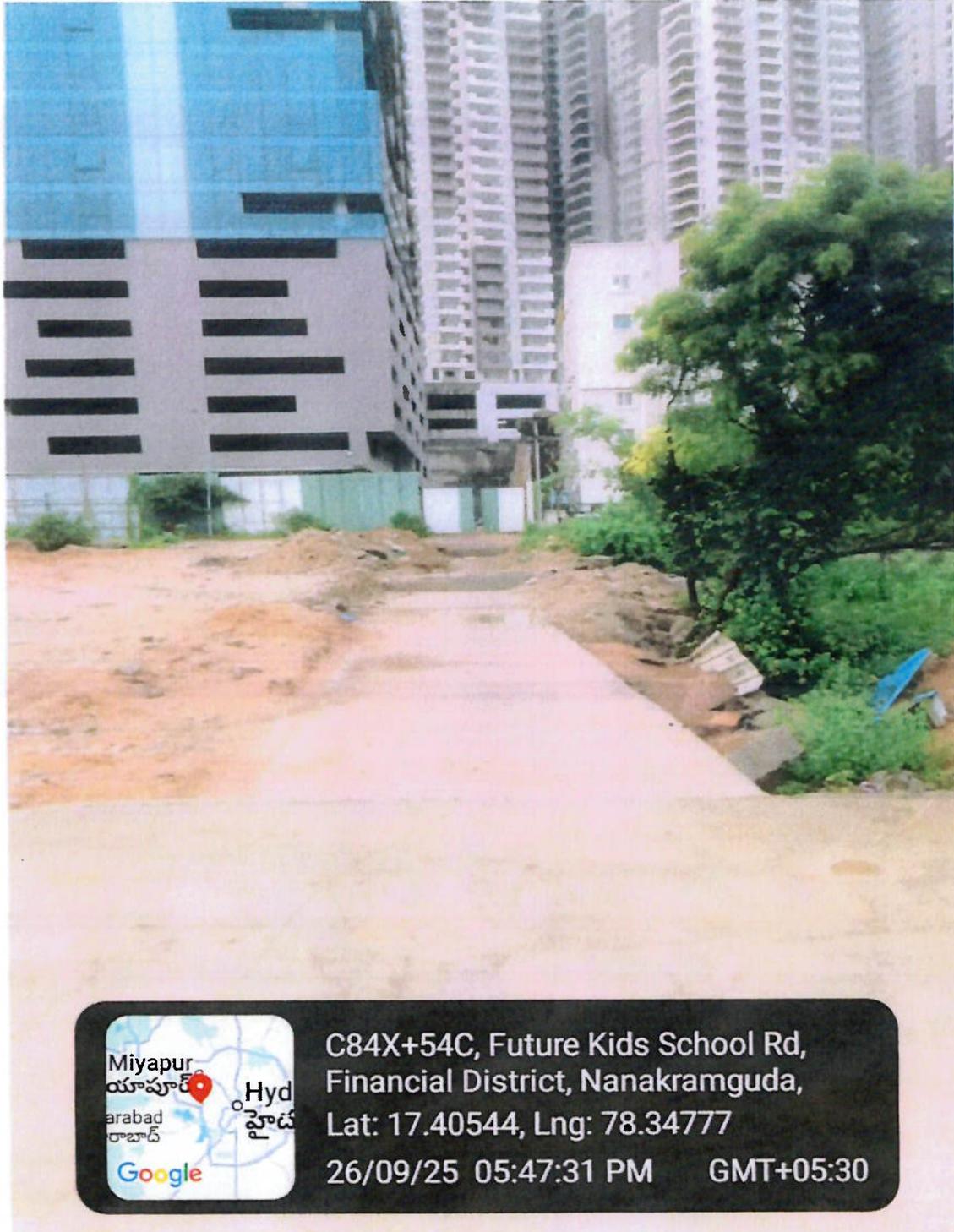
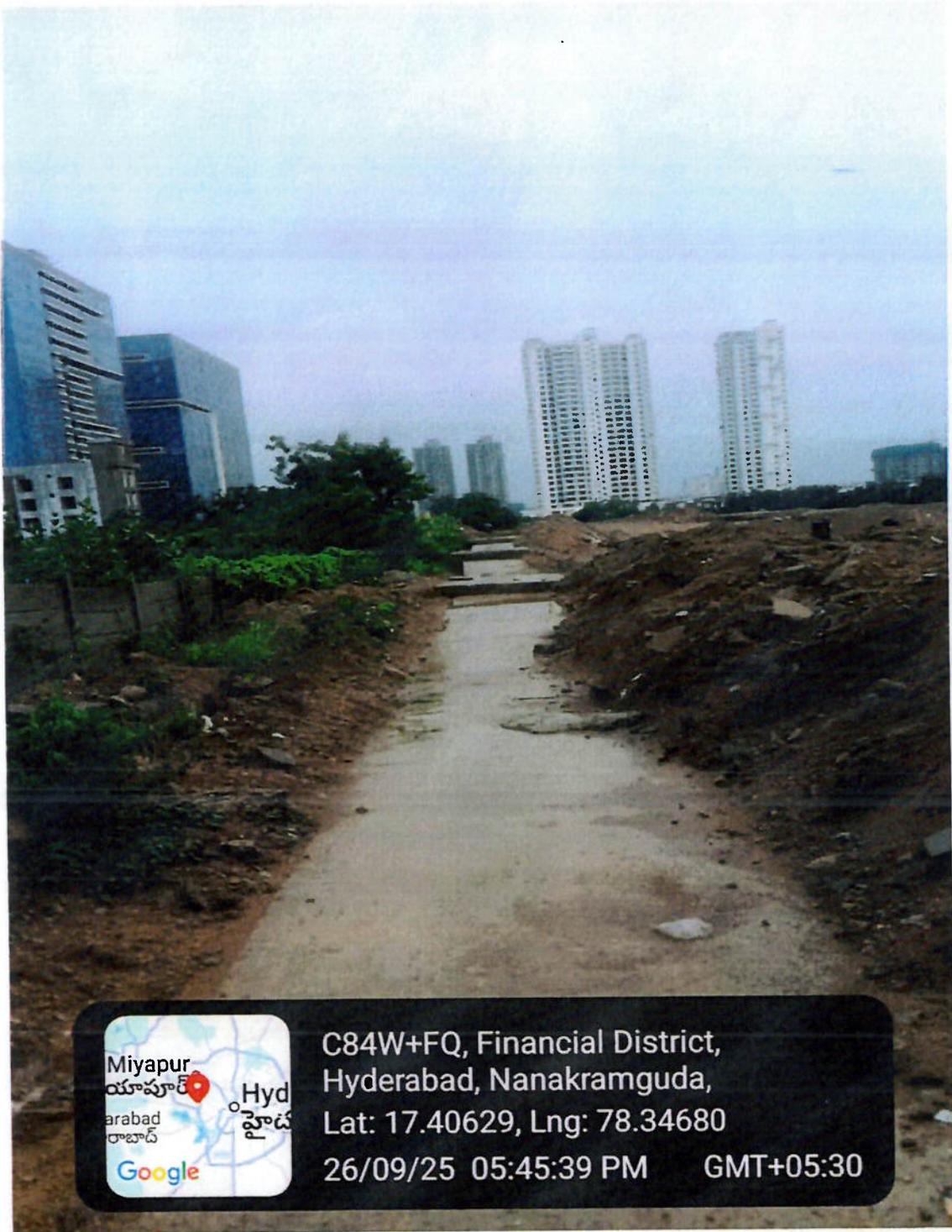


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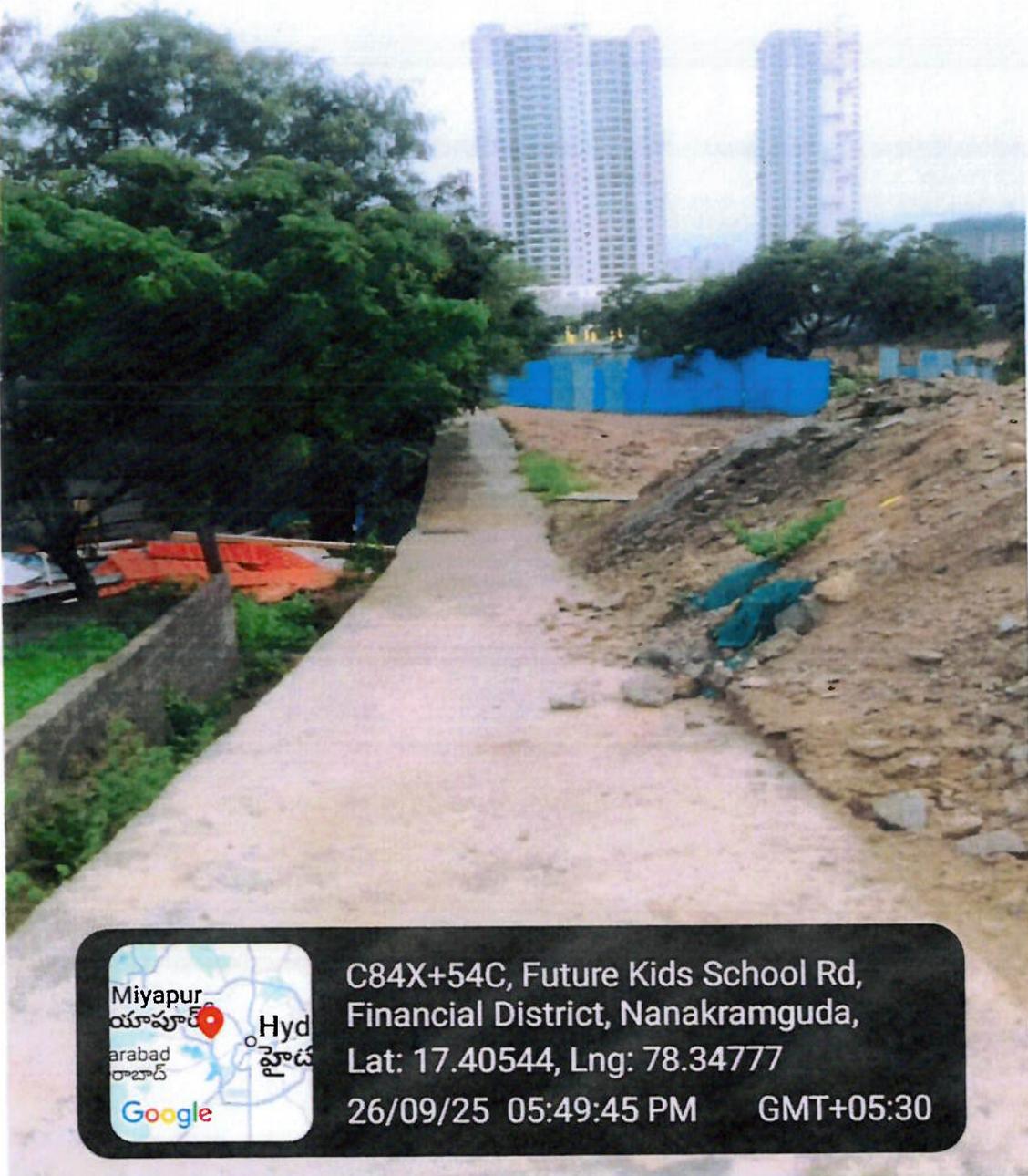
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Image3:



 C84X+54C, Future Kids School Rd,
Financial District, Nanakramguda,
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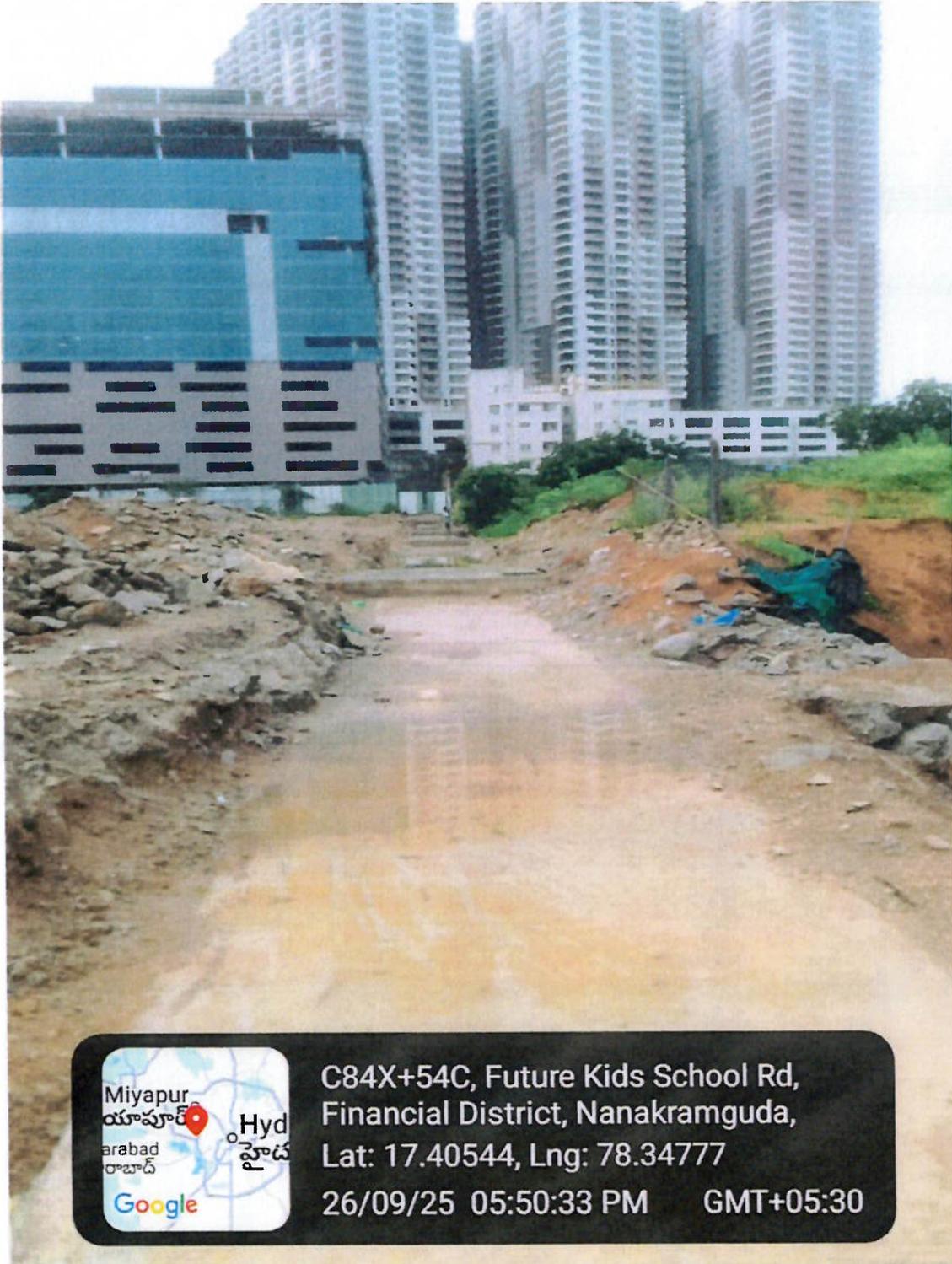
Image4:



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Image5:



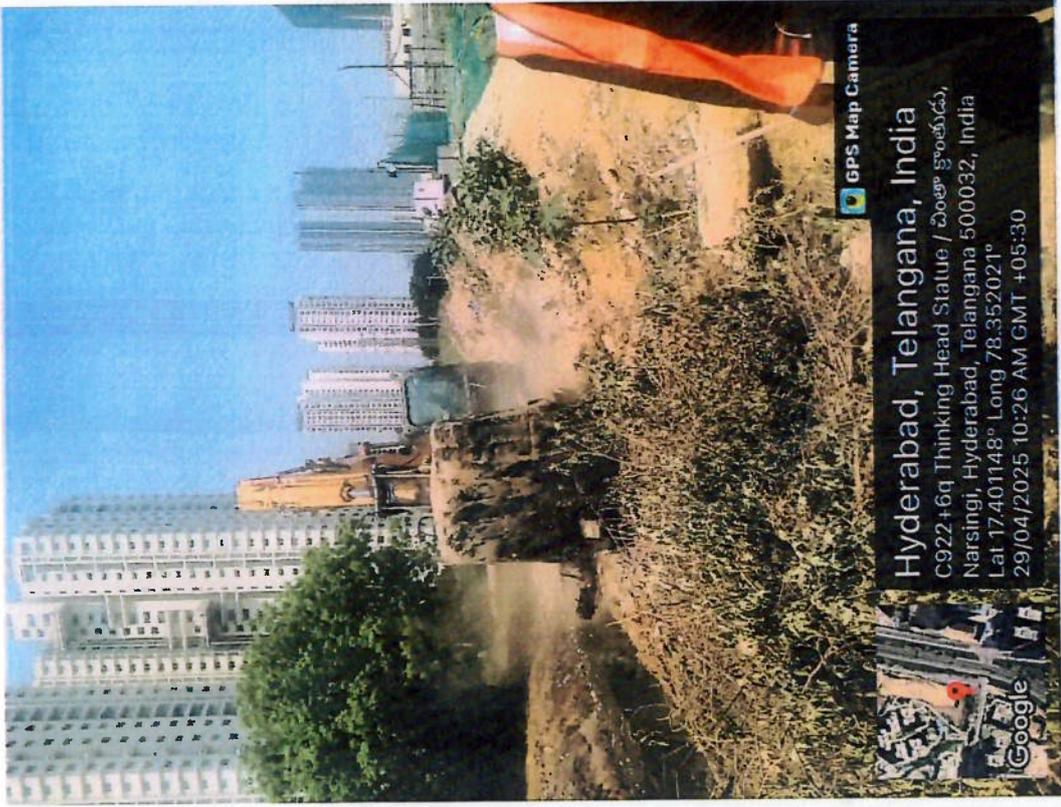
ANNEXURE - IV

BULKAPUR NALA **RESTORATION WORKS**

BEFORE



AFTER



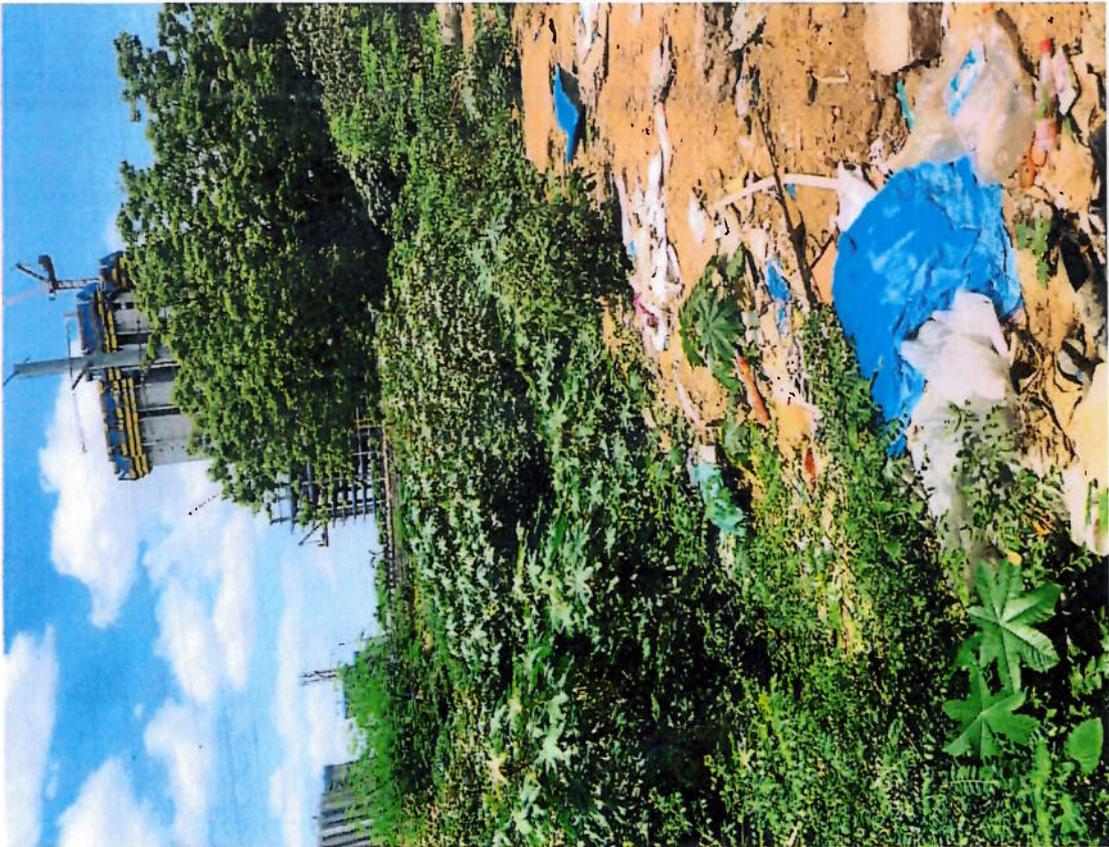
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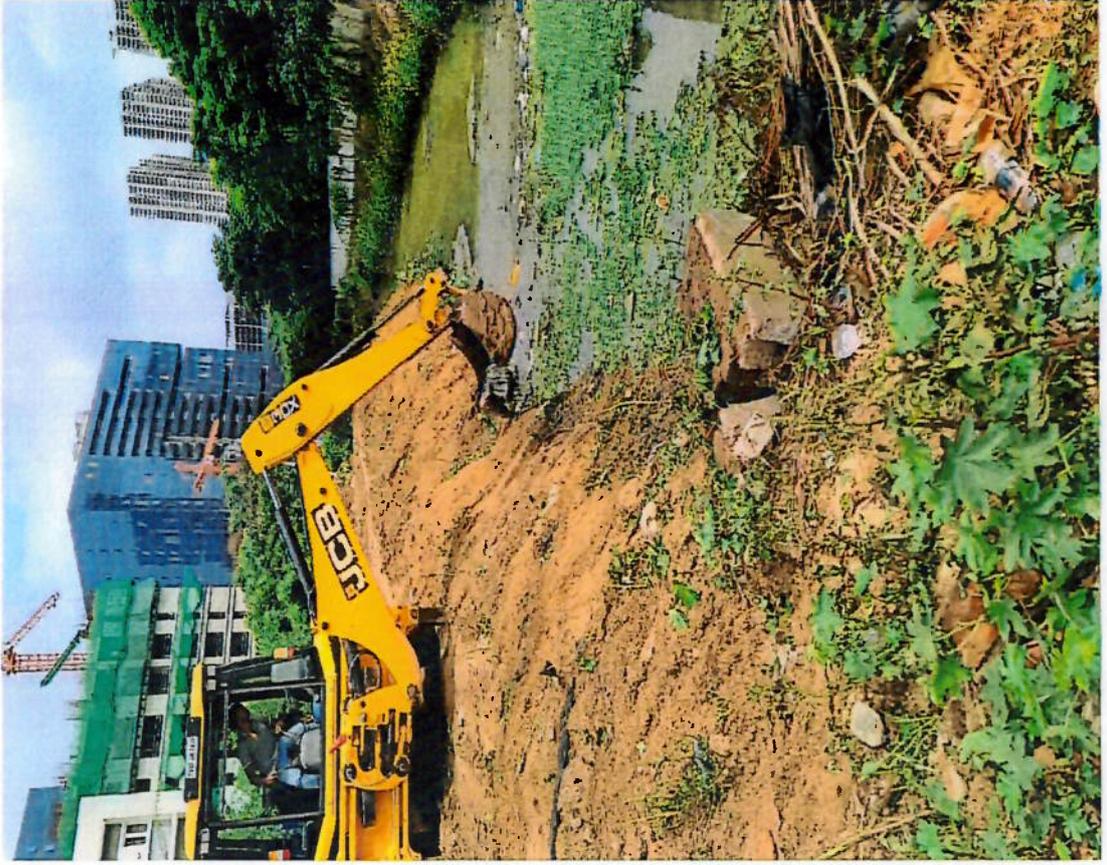
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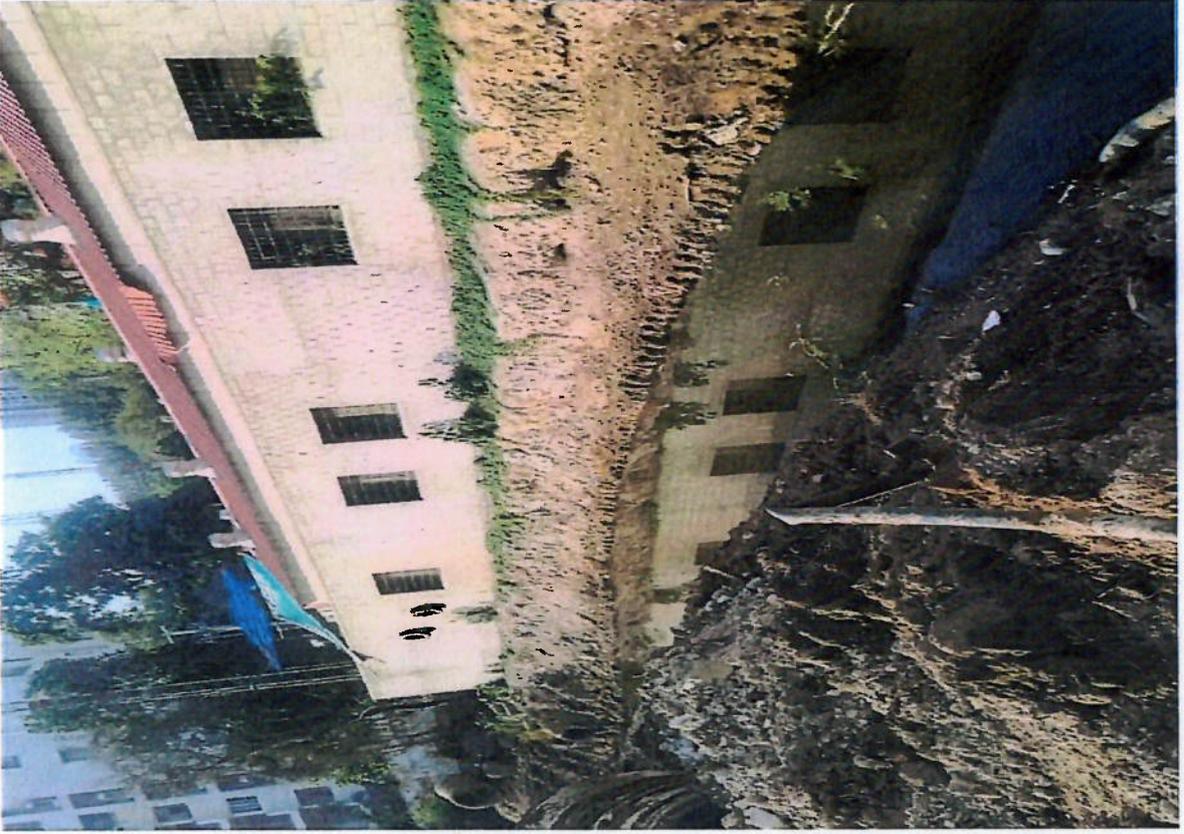
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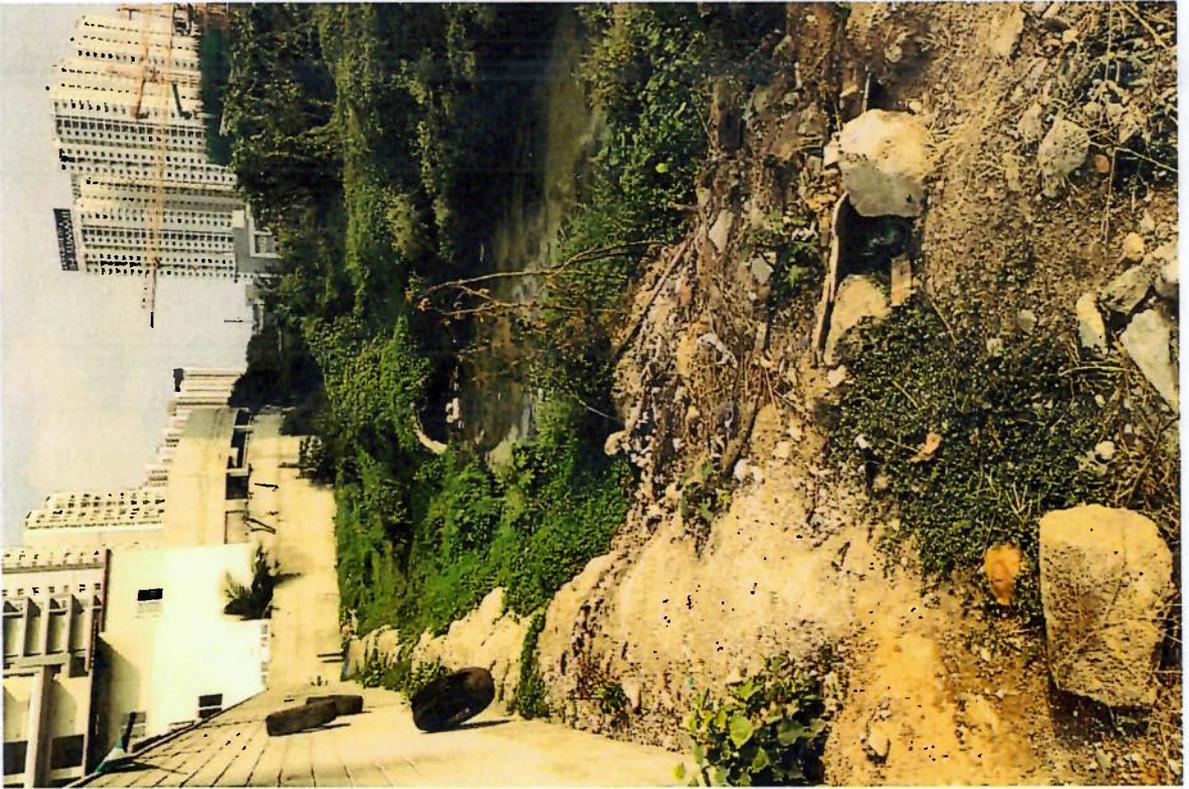
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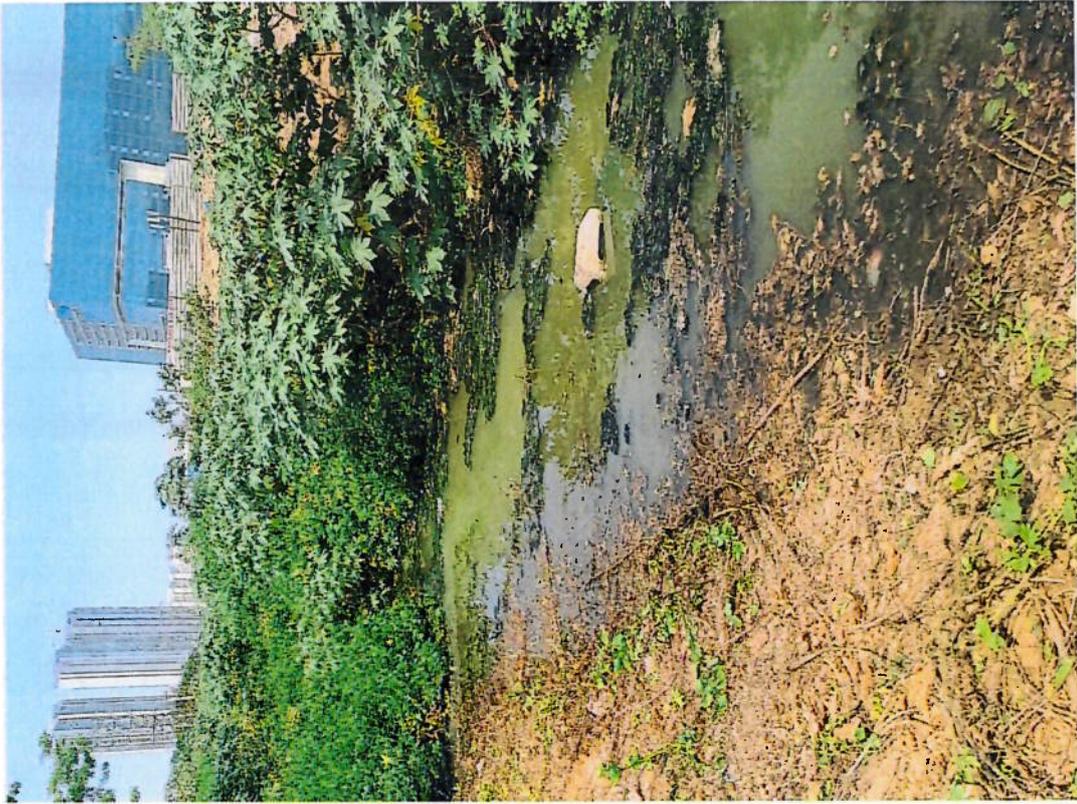
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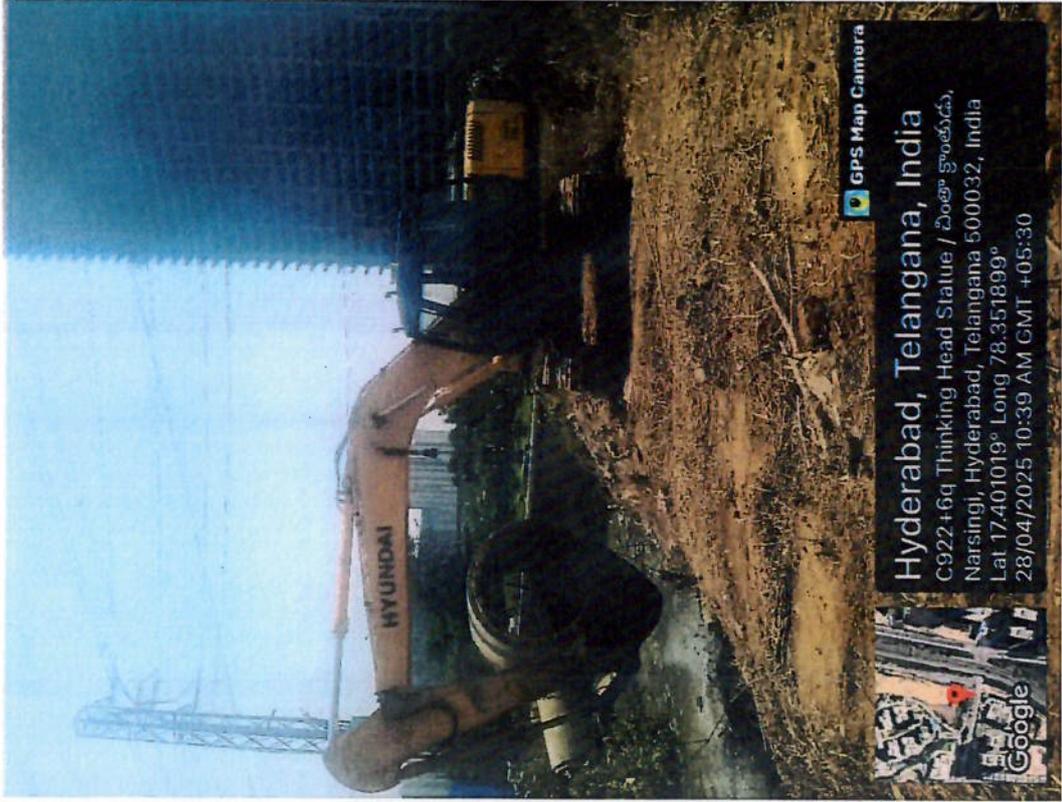
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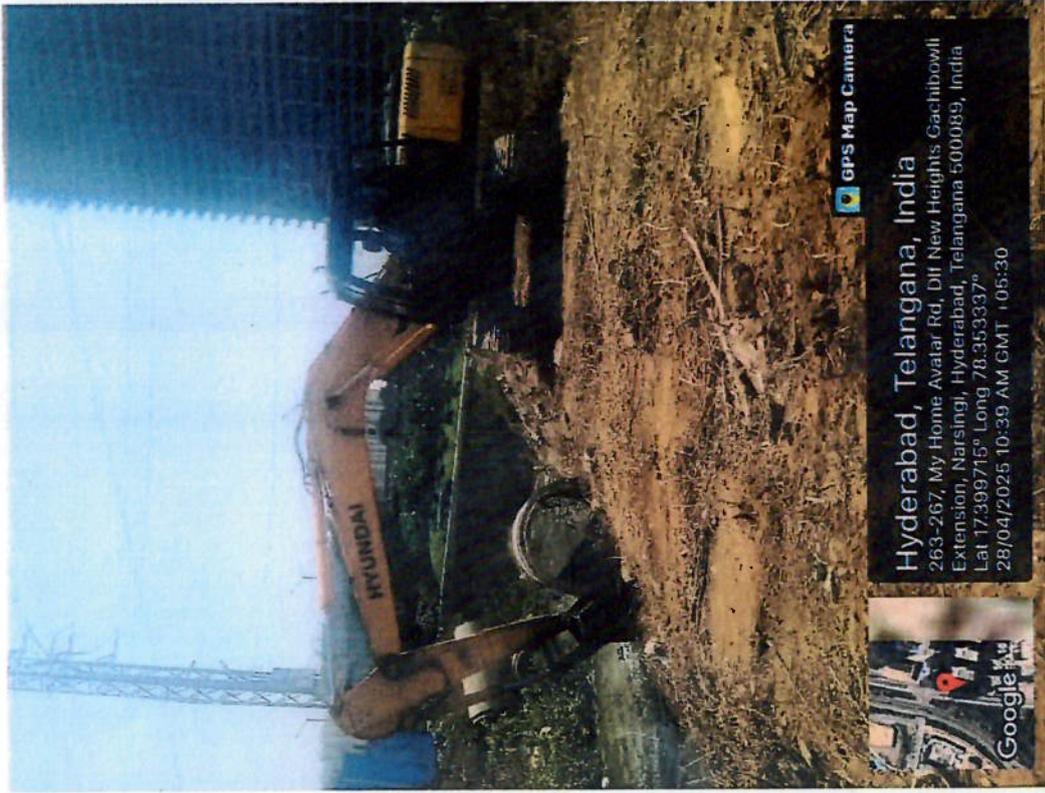
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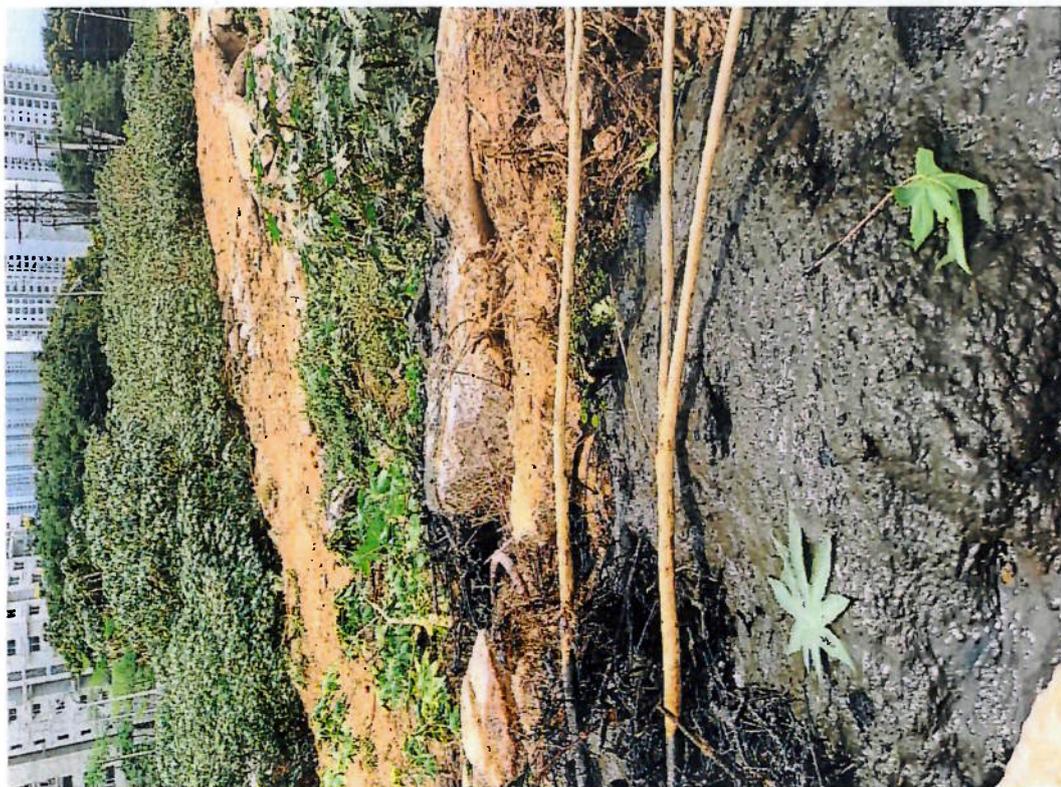
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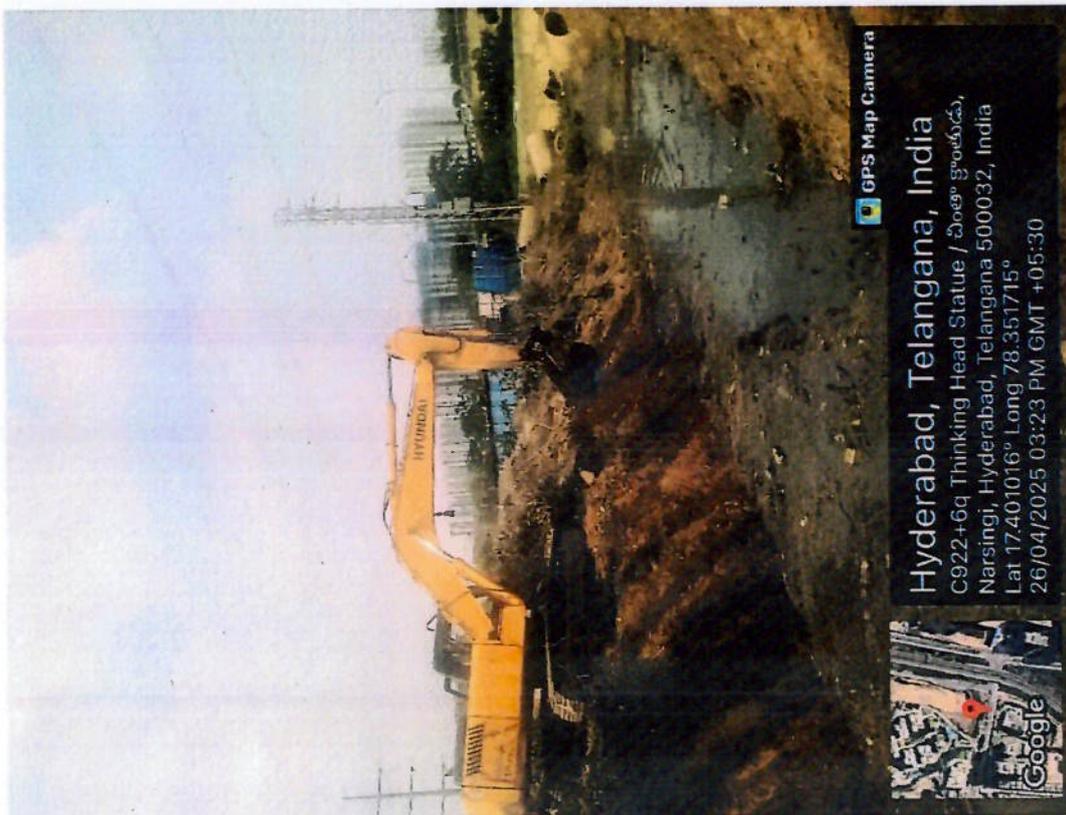
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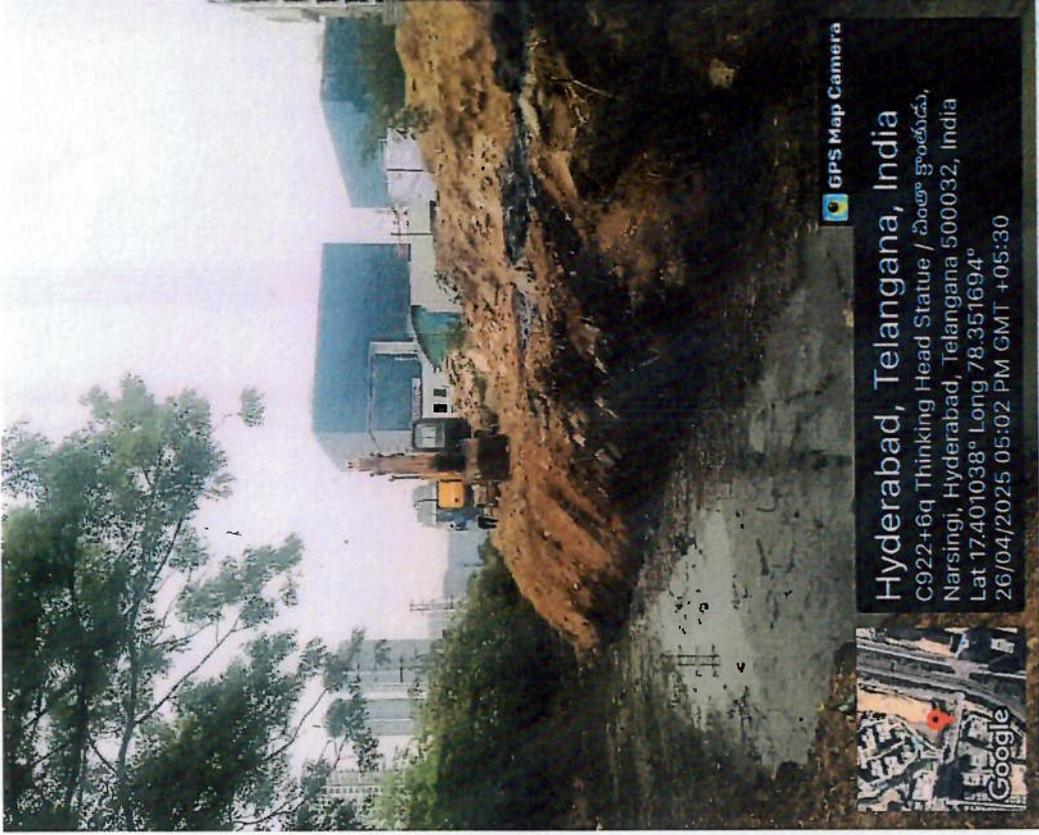


AFTER



BEFORE





ANNEXURE - V

STATUS OF SCHEDULE

Phases	Raft		Wall		Slab	
	Schedule	Status	Schedule	Status	Schedule	Status
Phase-1	28-04-2024	Completed	23-05-2024	Completed	16-06-2024	Completed
Phase-2	18-05-2024	Completed	28-05-2024	Completed	27-06-2024	Completed
Phase-3	22-05-2024	Completed	09-06-2024	Completed	29-06-2024	Completed

BOX NALA EXECUTION

WORKS PHASE - 1

Phase 1- Excavation Work



Phase 1- Raft Work



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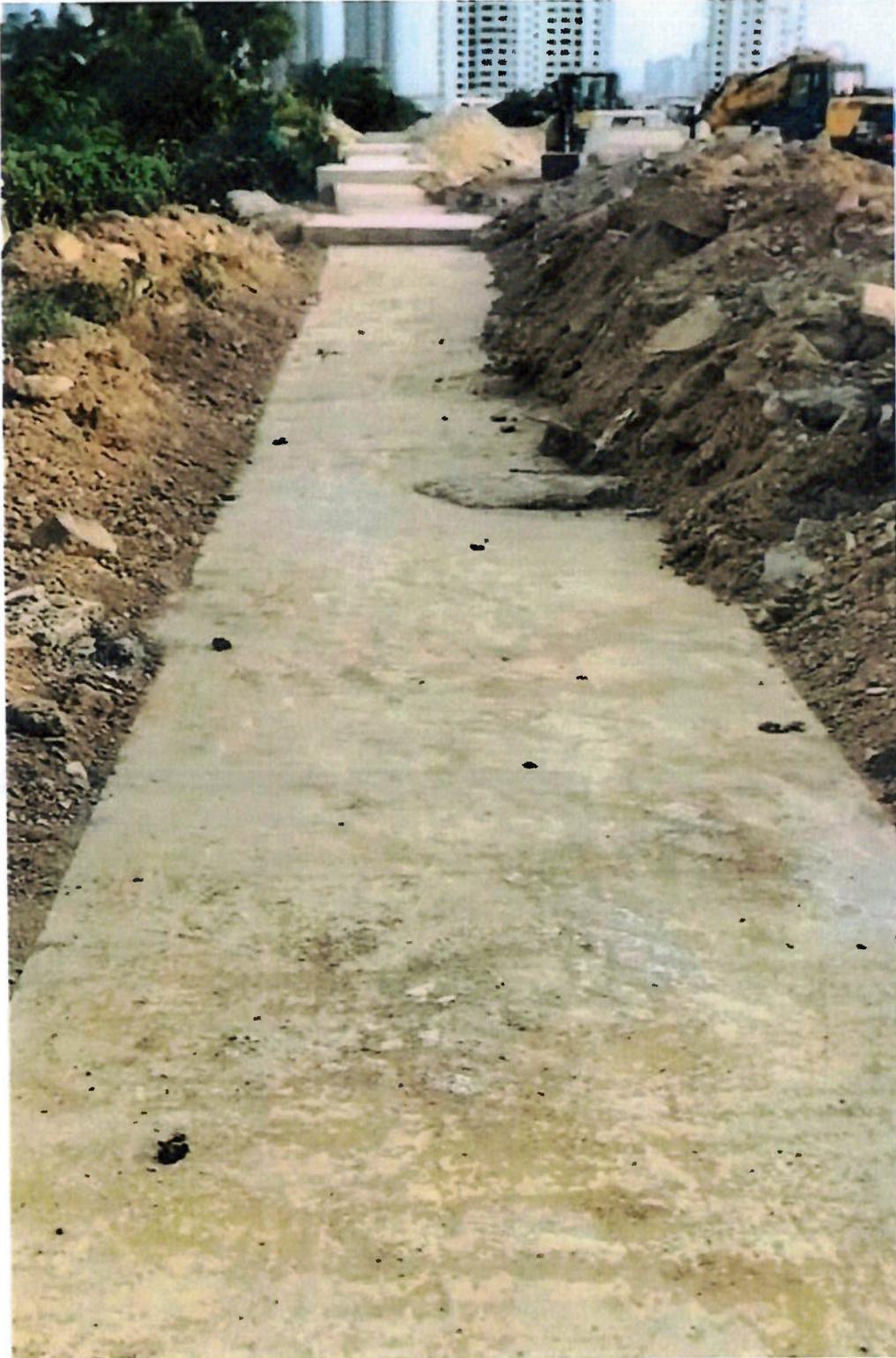
Phase 1- Wall Work



Phase 1- Slab Work



Phase 1- Completed Work



BOX NALA EXECUTION

WORKS PHASE - 2

Phase 2- Excavation Work



Phase 2- PCC Work



Phase 2- Raft Work



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Phase 2- Wall Work



Phase 2- Box Nala



Phase 2- Completed Work

ANNEXURE - VII

BOX NALA EXECUTION

WORKS PHASE - 3

Phase 3- Excavation Work



Phase 3- PCC Work



Phase 3- Raft Work



Phase 3- Wall Work



Phase 3- Box Nala (Inside)



Phase 3- Completed Work

