

**Project Management Consultancy and 3rd Party Quality Control to
MPFCs Agricultural Marketing Department, Govt. of A.P.**

Quality Inspection Report by WAPCOS (A Govt of India Undertaking)

Date: 13.03.2026

During the Inspection the Following remarks are noticed:

• **Pallantla MPFC (500MT)**

1. Godown roof sheeting joints have developed gaps, primarily due to improper installation and non compliance with the specified screw type, spacing and fixing pattern. Such deviations can lead to water ingress, accelerated corrosion of sheet interfaces, reduced structural integrity, wind uplift vulnerability and long term deterioration. Rectifications are required to reinstate proper fastening as per approved specifications and manufacturer guidelines.
2. Expansion joints have not been provided for concrete flooring and drying platform. expansion joints shall be provided within the prescribed time window typically 24 - 48 hours after concrete casting, subject to mix characteristics and site conditions to effectively relieve shrinkage stresses and prevent uncontrolled cracking. Subsequent joint sealing shall be undertaken using sealant once the flooring achieves the specified curing maturity, ensuring the joint edges are properly cleaned, prepared and finished in accordance with the relevant technical specifications.
3. Rolling shutter was observed to have localized corrosion and deteriorated paint coating across multiple slats rectification shall include removal of rust by mechanical wire brushing followed by application of anti corrosive primer and two coats of enamel paint The bottom edge of the shutter shows uneven clearance with the plinth, which may affect proper shutter operation. the plinth level shall be leveled to maintain uniform clearance. Minor plaster damage was noted near the lower side of the shutter opening, which shall be repaired with cement mortar and finished properly. Additionally, loose stones and debris are present in front of the shutter, which shall be cleared to ensure proper housekeeping and unobstructed shutter operation.
4. Plastering to the exterior face of the plinth beam has not been executed, leaving the concrete surface exposed to environmental conditions, which may lead to moisture ingress, surface deterioration and reduced durability over time. The same shall be rectified by cleaning the exposed surface, applying necessary surface preparation and carrying out cement plastering with cement mortar (1:4 or as per project specification) to the plinth beam with proper alignment, thickness and finishing to ensure protection and long term durability of the structural element.

5. Gap is present between the roof sheet and the vertical cladding, which allows birds to enter inside the structure and causes bird droppings, potentially affecting hygiene and causing deterioration of the internal surfaces. The same shall be rectified by properly sealing the gap using suitable flashing/closure sheets or metal trims along with bird proof mesh or sealant to completely close the opening and prevent entry of birds while maintaining proper finishing and weather protection.
6. Hairline cracks were observed on the external plastering surface near the door opening and along the wall, which may allow moisture ingress and lead to deterioration of the plaster over time, the same shall be rectified by opening the cracks, cleaning the surface and filling with crack filler or polymer modified repair mortar followed by proper finishing. Uneven paint finish and discoloration were also noticed on the external wall surface. the affected area shall be repainted with exterior grade paint after applying primer.
7. At the door opening L angles were not provided as per the specifications, and plastering was completed before proper door frame installation. Due to this improper sequence, a gap has developed between the door frame and the wall opening, indicating improper fixing and finishing. the gap between the door frame and the wall opening shall be filled with mortar or non shrink grout and finished with plaster to ensure proper surface finish without any visible gaps.
8. Damp patches are observed on the internal surfaces of the long span and short span walls and corrosion is noticed on the purlin at the junction of the masonry wall and vertical cladding interface. This condition appears to be due to improper installation of the vertical cladding and flashing over the wall, leaving an unsealed gap between the wall surface and flashing. During rainfall, water enters through this gap and reaches the purlin, causing moisture exposure and rust formation. The affected purlin surface shall be cleaned by wire brushing or grinding and coated with a zinc rich anti corrosive primer followed by a protective coating. Since extending the vertical cladding downward by 150 mm is not feasible at this stage, the wall flashing junction shall be sealed with PU/silicone sealant and provided with an additional GI cover flashing with adequate overlap to prevent rainwater ingress into the godown.
9. Rainwater is leaking through the screw fixing holes provided in the roof sheeting. Due to improper sealing or ineffective washers at these screw penetration points, water is entering inside during rainfall. As a result leakage water stains are visible on the flooring surface along the line corresponding to the roof screw locations. This indicates that the screw holes are not properly sealed or the washers may be damaged or missing. It is recommended to install all roof fasteners, replace defective screws with self drilling screws provided with EPDM washers and apply suitable waterproof sealant around the screw heads. Proper tightening and sealing of all screw penetration points shall be ensured to prevent further rainwater leakage.

10. The protective dome/hood cover required above the rolling shutter assembly has not been provided. As per standard engineering practice and typical architectural detailing, a dome above the rolling shutter is essential to safeguard the shutter mechanism, guide channels and motor components from direct exposure to dust accumulation and environmental deterioration. The absence of this hood cover provision may lead to premature corrosion of metallic components, operational inefficiencies and reduced service life of the shutter system. This constitutes a deviation may affect the long term performance and durability of the installation.
11. Bird droppings are observed in the premises of the godown flooring, indicating inadequate housekeeping prior to operational use. The presence of such contamination affects hygiene and overall maintenance standards. Bird droppings shall be cleaned, removed, and the area shall be washed and maintained in a clean condition prior to putting the facility into use.
12. Due to poor workmanship the overall appearance of the godown is unsatisfactory. The prolonged stoppage of works has resulted in multiple defects and the need for extensive repairs. It is hereby instructed that all repair associated works shall be completed and all defects shall be rectified, the godown shall be made ready with proper finishing and good housekeeping prior to handover.
13. All repairs and rectification works shall be completed in all respects prior to submission and processing of the final bill for payment. The workmanship shall be of acceptable quality with proper finish and free from visible defects, without any temporary or cosmetic repairs. Proper housekeeping shall be maintained throughout the premises, and all debris, waste, and unwanted materials shall be cleared from the site. The godown shall be handed over in a clean, neat, and serviceable condition suitable for its intended use before release of the final bill payment.

Note: Final QC had been issued earlier based on the condition of the works observed at the time of inspection, wherein no such defects or deficiencies were noticed. Accordingly, the work was considered satisfactory and cleared at that stage. The defects presently observed appear to have manifested subsequently and were not evident during the earlier inspection. The contractor shall therefore carry out the necessary rectification works to the satisfaction of the department, without prejudice to the quality requirements prior to consideration of the final bill for payment.

During the Inspection the Following remarks are noticed :

• Thelikacherla MPFC (500MT)

1. Protective dome/hood cover required above the rolling shutter assembly has not been provided. As per standard engineering practice and typical architectural detailing, a dome above the rolling shutter is essential to safeguard the shutter mechanism, guide channels and motor components from direct exposure to dust accumulation and environmental deterioration. The absence of this hood cover provision may lead to premature corrosion of metallic components, operational inefficiencies and reduced service life of the shutter system. This constitutes a deviation may affect the long term performance and durability of the installation.
2. Godown roof sheeting joints have developed gaps, primarily due to improper installation and non compliance with the specified screw type, spacing and fixing pattern. Such deviations can lead to water ingress, accelerated corrosion of sheet interfaces, reduced structural integrity, wind uplift vulnerability and long term deterioration. Rectifications are required to reinstate proper fastening as per approved specifications and manufacturer guidelines.
3. Bird droppings are observed in the premises of the godown flooring, indicating inadequate housekeeping prior to operational use. The presence of such contamination affects hygiene and overall maintenance standards. Bird droppings shall be cleaned, removed, and the area shall be washed and maintained in a clean condition prior to putting the facility into use.
4. Minor damp patches are observed on the internal surfaces of the long span wall. This condition appears to be due to improper installation of the vertical cladding and flashing over the wall, leaving an unsealed gap between the wall surface and flashing. During rainfall, water enters through this gap. Since extending the vertical cladding downward by 150 mm is not feasible at this stage, the wall flashing junction shall be sealed with PU/silicone sealant and provided with an additional GI cover flashing with adequate overlap to prevent rainwater ingress into the godown.
5. All repairs and rectification works shall be completed in all respects prior to submission and processing of the final bill for payment. The workmanship shall be of acceptable quality with proper finish and free from visible defects, without any temporary or cosmetic repairs. Proper housekeeping shall be maintained throughout the premises, and all debris, waste, and unwanted materials shall be cleared from the site. The godown shall be handed over in a clean, neat, and serviceable condition suitable for its intended use before release of the final bill payment.

6. Bird droppings are observed in the premises of the godown flooring, indicating inadequate housekeeping prior to operational use. The presence of such contamination affects hygiene and overall maintenance standards. Bird droppings shall be cleaned, removed, and the area shall be washed and maintained in a clean condition prior to putting the facility into use.
7. Roof sheeting have not been fastened as per the approved specifications. Insufficient and improperly installed screws have resulted in visible gaps between adjacent sheets, which may allow rainwater ingress. Inadequate fastening also reduces the uplift resistance of the sheets under wind loads and may lead to sheet movement. Improper fixing can further cause thermal expansion issues, resulting in sheet deformation and potential leakage. It is recommended to install all roof fasteners, replace defective screws with self drilling screws provided with EPDM washers and apply suitable waterproof sealant around the screw heads. Proper tightening and sealing of all screw penetration points shall be ensured to prevent further rainwater leakage.
8. Holes observed in the godown roof sheeting shall be sealed using approved PU sealant and reinforced with compatible metal patches or butyl flashing. All repairs must be executed in accordance with manufacturer recommendations to restore the weather tightness and durability of the roofing.
9. Gaps under godown rolling shutters should be closed to prevent venomous snakes, rodents from entering and through these gaps there is a possibility for moisture to enter contamination or damage to stored materials. Additionally, these gaps allow moisture, rainwater and dust to enter the godown, which can adversely affect the quality of stored goods and create unhygienic conditions. Therefore, all gaps should be effectively closed to maintain safety, hygiene, and proper storage conditions within the facility.
10. Protective dome/hood cover required above the rolling shutter assembly has not been provided. As per standard engineering practice and typical architectural detailing, a dome above the rolling shutter is essential to safeguard the shutter mechanism, guide channels and motor components from direct exposure to dust accumulation and environmental deterioration. The absence of this hood cover provision may lead to premature corrosion of metallic components, operational inefficiencies and reduced service life of the shutter system. This constitutes a deviation may affect the long term performance and durability of the installation.
11. Drying platform and minor defects remain incomplete. These delays constitute non conformance with project delivery requirements. Complete these pending works at the earliest.

12. Due to poor workmanship the overall appearance of the godown is unsatisfactory. The prolonged stoppage of works has resulted in multiple defects and the need for extensive repairs. It is hereby instructed that all repair associated works shall be completed and all defects shall be rectified, the godown shall be made ready with proper finishing and good housekeeping prior to handover. Subsequent to completion of all rectification works, the entire godown shall be repainted as specified and shall then be offered for handover in a fit for use condition.
13. All repairs and rectification works shall be completed strictly before issuance of the **FQC**. Workmanship shall be of acceptable quality with proper finish and no visible defects without temporary or cosmetic repairs. Housekeeping shall be maintained and all debris, waste and unwanted materials shall be removed. The godown shall be handed over in a clean, neat and serviceable condition fit for intended use.

During the Inspection the Following remarks are noticed :

• Nallajerla MPFC (500MT)

1. Gap is present between the roof sheet and the vertical cladding, which allows birds to enter inside the structure and causes bird droppings, potentially affecting hygiene and causing deterioration of the internal surfaces. The same shall be rectified by properly sealing the gap using suitable flashing/closure sheets or metal trims along with bird proof mesh or sealant to completely close the opening and prevent entry of birds while maintaining proper finishing and weather protection.
2. Minor damp patches are observed on the internal surfaces of the long span wall. This condition appears to be due to improper installation of the vertical cladding and flashing over the wall, leaving an unsealed gap between the wall surface and flashing. During rainfall, water enters through this gap. Since extending the vertical cladding downward by 150 mm is not feasible at this stage, the wall flashing junction shall be sealed with PU/silicone sealant and provided with an additional GI cover flashing with adequate overlap to prevent rainwater ingress into the godown.
3. Godown roof sheeting joints have developed gaps, primarily due to improper installation and non compliance with the specified screw type, spacing and fixing pattern. Such deviations can lead to water ingress, accelerated corrosion of sheet interfaces, reduced structural integrity, wind uplift vulnerability and long term deterioration. Rectifications are required to reinstate proper fastening as per approved specifications and manufacturer guidelines.
4. Open holes are present on the vertical cladding, these unsealed openings also reduce the overall weather tightness of the cladding. It is recommended that all such holes be properly sealed or closed using fasteners with EPDM washers or metal patching with weatherproof sealant to ensure complete sealing and to maintain the durability and integrity of the cladding.
5. Bird droppings are observed in the premises of the godown flooring, indicating inadequate housekeeping prior to operational use. The presence of such contamination affects hygiene and overall maintenance standards. Bird droppings shall be cleaned, removed, and the area shall be washed and maintained in a clean condition prior to putting the facility into use.
6. Protective dome/hood cover required above the rolling shutter assembly has not been provided. As per standard engineering practice and typical architectural detailing, a dome above the rolling shutter is essential to safeguard the shutter mechanism, guide channels and motor components from direct exposure to dust accumulation and environmental deterioration. The absence of this hood cover provision may lead to premature corrosion of metallic components, operational inefficiencies and reduced service life of the shutter system. This constitutes a deviation may affect the long term performance and durability of the installation.

7. Dead mortar and loose construction debris are observed on the flooring and drying platform, indicating inadequate housekeeping and incomplete finishing works. Such accumulation affects the overall quality of workmanship and the intended functionality of the surfaces. All dead mortar, debris and construction waste shall be removed from the flooring and drying platform. The surfaces shall be properly cleaned and finished to achieve a uniform level and maintain a neat, safe and serviceable condition.
8. Bird droppings are observed in the premises of the godown flooring, indicating inadequate housekeeping prior to operational use. The presence of such contamination affects hygiene and overall maintenance standards. Bird droppings shall be cleaned, removed, and the area shall be washed and maintained in a clean condition prior to putting the facility into use.
9. Channel joints within the godown and the drying platform are found to be left open and inadequately finished. Channel joints shall be thoroughly cleaned, dried and prepared to receive joint sealing treatment. elastomeric or polymer based joint sealant, The joints shall be finished flush with the surrounding floor surface to restore durability, hygiene and long term serviceability of the godown flooring and drying platform.
10. All repairs and rectification works shall be completed in all respects prior to submission and processing of the final bill for payment. The workmanship shall be of acceptable quality with proper finish and free from visible defects, without any temporary or cosmetic repairs. Proper housekeeping shall be maintained throughout the premises, and all debris, waste, and unwanted materials shall be cleared from the site. The godown shall be handed over in a clean, neat, and serviceable condition suitable for its intended use before release of the final bill payment.

Note: Final QC had been issued earlier based on the condition of the works observed at the time of inspection, wherein no such defects or deficiencies were noticed. Accordingly, the work was considered satisfactory and cleared at that stage. The defects presently observed appear to have manifested subsequently and were not evident during the earlier inspection. The contractor shall therefore carry out the necessary rectification works to the satisfaction of the department, without prejudice to the quality requirements prior to consideration of the final bill for payment.

During the Inspection the Following remarks are noticed :

• Palangi MPFC (500MT)

1. External wall plastering at the plinth level is not acceptable in terms of workmanship and finish. The brickwork below the plinth appears uneven, resulting in a step like and irregular plaster surface. The plaster thickness is non-uniform and the surface lacks proper smoothness and alignment, Visible undulations and patchy finishing are observed along the wall surface. As correcting the brick alignment at this stage is not practically feasible without dismantling, the uneven surface shall be rectified by chipping the defective plaster and re-plastering with proper screed guides. Necessary leveling plaster or mortar packing shall be provided to achieve a straight line and uniform thickness, followed by proper finishing to obtain a smooth and even surface.
2. Expansion joints have not been provided for concrete flooring. expansion joints shall be provided within the prescribed time window typically 24 - 48 hours after concrete casting, subject to mix characteristics and site conditions to effectively relieve shrinkage stresses and prevent uncontrolled cracking. Subsequent joint sealing shall be undertaken using sealant once the flooring achieves the specified curing maturity, ensuring the joint edges are properly cleaned, prepared and finished in accordance with the relevant technical specifications.
3. Damp patches are observed on the internal surfaces of the long span and short span walls. This condition appears to be due to improper installation of the vertical cladding and flashing over the wall, leaving an unsealed gap between the wall surface and flashing. During rainfall, water enters through this gap. Since extending the vertical cladding downward by 150 mm is not feasible at this stage, the wall flashing junction shall be sealed with PU/silicone sealant and provided with an additional GI cover flashing with adequate overlap to prevent rainwater ingress into the godown.
4. At the door opening L angles were not provided as per the specifications, and plastering was completed before proper door frame installation. Due to this improper sequence, a gap has developed between the door frame and the wall opening, indicating improper fixing and finishing. the gap between the door frame and the wall opening shall be filled with mortar or non shrink grout and finished with plaster to ensure proper surface finish without any visible gaps.
5. The roof sheeting and vertical cladding exhibits significant corrosion due to prolonged moisture exposure and deterioration of the protective galvanization coating system. The rusting has adversely affected the structural integrity and watertight performance of the roofing assembly with visible leakage. Severely corroded roof sheets and associated fasteners shall be replaced with new galvanized sheets of appropriate gauge. The remaining sheets shall be cleaned to remove rust and deteriorated coating, followed by application of metal primer and anti corrosive protective coating. Sealing at sheet overlaps and fastening points shall be ensured to restore water tightness and improve durability of the roofing.

7. All repairs and rectification works shall be completed in all respects prior to submission and processing of the final bill for payment. The workmanship shall be of acceptable quality with proper finish and free from visible defects, without any temporary or cosmetic repairs. Proper housekeeping shall be maintained throughout the premises, and all debris, waste, and unwanted materials shall be cleared from the site. The godown shall be handed over in a clean, neat, and serviceable condition suitable for its intended use before release of the final bill payment.

Note: Final QC had been issued earlier based on the condition of the works observed at the time of inspection, wherein no such defects or deficiencies were noticed. Accordingly, the work was considered satisfactory and cleared at that stage. The defects presently observed appear to have manifested subsequently and were not evident during the earlier inspection. The contractor shall therefore carry out the necessary rectification works to the satisfaction of the department, without prejudice to the quality requirements prior to consideration of the final bill for payment.

During the Inspection the Following remarks are noticed :

• Dhubacherala MPFC (500MT)

1. Heavy damp patches are observed on the internal surfaces of the long span at rolling shutter No.2. This condition appears to be due to improper installation of the vertical cladding and flashing over the wall, leaving an unsealed gap between the wall surface and flashing. During rainfall, water enters through this gap. Since extending the vertical cladding downward by 150 mm is not feasible at this stage, the wall flashing junction shall be sealed with PU/silicone sealant and provided with an additional GI cover flashing with adequate overlap to prevent rainwater ingress into the godown
2. Protective dome/hood cover required above the rolling shutter assembly has not been provided. As per standard engineering practice and typical architectural detailing, a dome above the rolling shutter is essential to safeguard the shutter mechanism, guide channels and motor components from direct exposure to dust accumulation and environmental deterioration. The absence of this hood cover provision may lead to premature corrosion of metallic components, operational inefficiencies and reduced service life of the shutter system. This constitutes a deviation may affect the long term performance and durability of the installation.
3. Gap is present between the roof sheet and the vertical cladding, which allows birds to enter inside the structure and causes bird droppings, potentially affecting hygiene and causing deterioration of the internal surfaces. The same shall be rectified by properly sealing the gap using suitable flashing/closure sheets or metal trims along with bird proof mesh or sealant to completely close the opening and prevent entry of birds while maintaining proper finishing and weather protection.
4. Godown roof sheeting joints have developed gaps, primarily due to improper installation and non compliance with the specified screw type, spacing and fixing pattern. Such deviations can lead to water ingress, accelerated corrosion of sheet interfaces, reduced structural integrity, wind uplift vulnerability and long term deterioration. Rectifications are required to reinstate proper fastening as per approved specifications and manufacturer guidelines.
5. Dead mortar is observed on columns, rafters and secondary PEB members leading to moisture retention and potential corrosion. Remove all mortar deposits, clean the steel surface and apply anti corrosive primer and paint to restore protection.
6. At the door opening L angles were not provided as per the specifications, and plastering was completed before proper door frame installation. Due to this improper sequence, a gap has developed between the door frame and the wall opening, indicating improper fixing and finishing. the gap between the door frame and the wall opening shall be filled with mortar or non shrink grout and finished with plaster to ensure proper surface finish without any visible gaps.

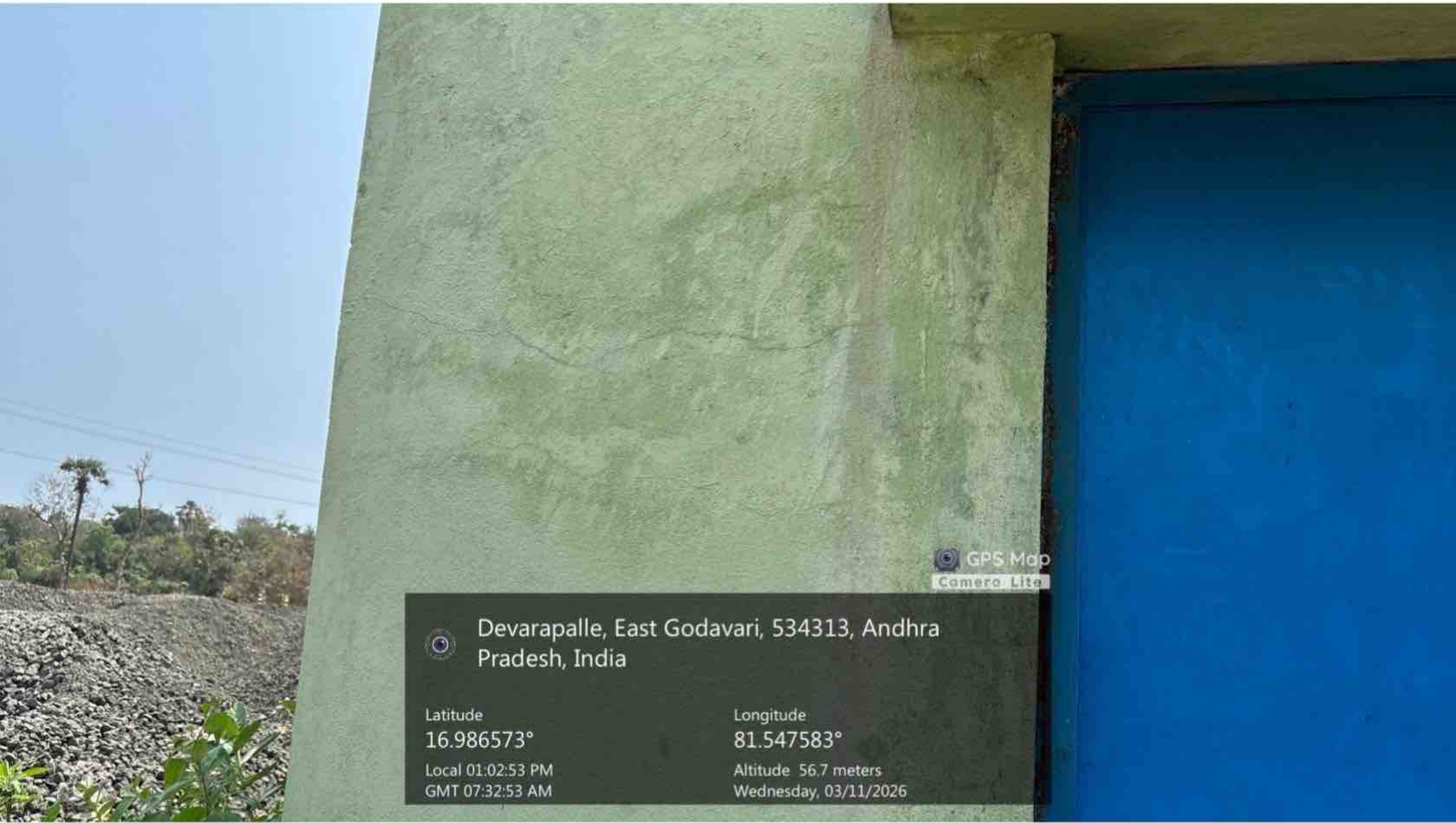
Note: Final QC had been issued earlier based on the condition of the works observed at the time of inspection, wherein no such defects or deficiencies were noticed. Accordingly, the work was considered satisfactory and cleared at that stage. The defects presently observed appear to have manifested subsequently and were not evident during the earlier inspection. The contractor shall therefore carry out the necessary rectification works to the satisfaction of the department, without prejudice to the quality requirements prior to consideration of the final bill for payment.

Enclosures:- Photographs



**Pawan Maddineni
Dy.Project Manager
(WAPCOS)**

Copy to the Executive Engineer AMC, Vijayawada.
Copy to the Deputy Executive Engineer AMC, Kakinada.



GPS Map
Camera Lite



Devarapalle, East Godavari, 534313, Andhra Pradesh, India

Latitude
16.986573°

Local 01:02:53 PM
GMT 07:32:53 AM

Longitude
81.547583°

Altitude 56.7 meters
Wednesday, 03/11/2026



© GPS Map
Camera Lite

Devarapalle, East Godavari, 534313, Andhra Pradesh, India

Latitude
16.986439°

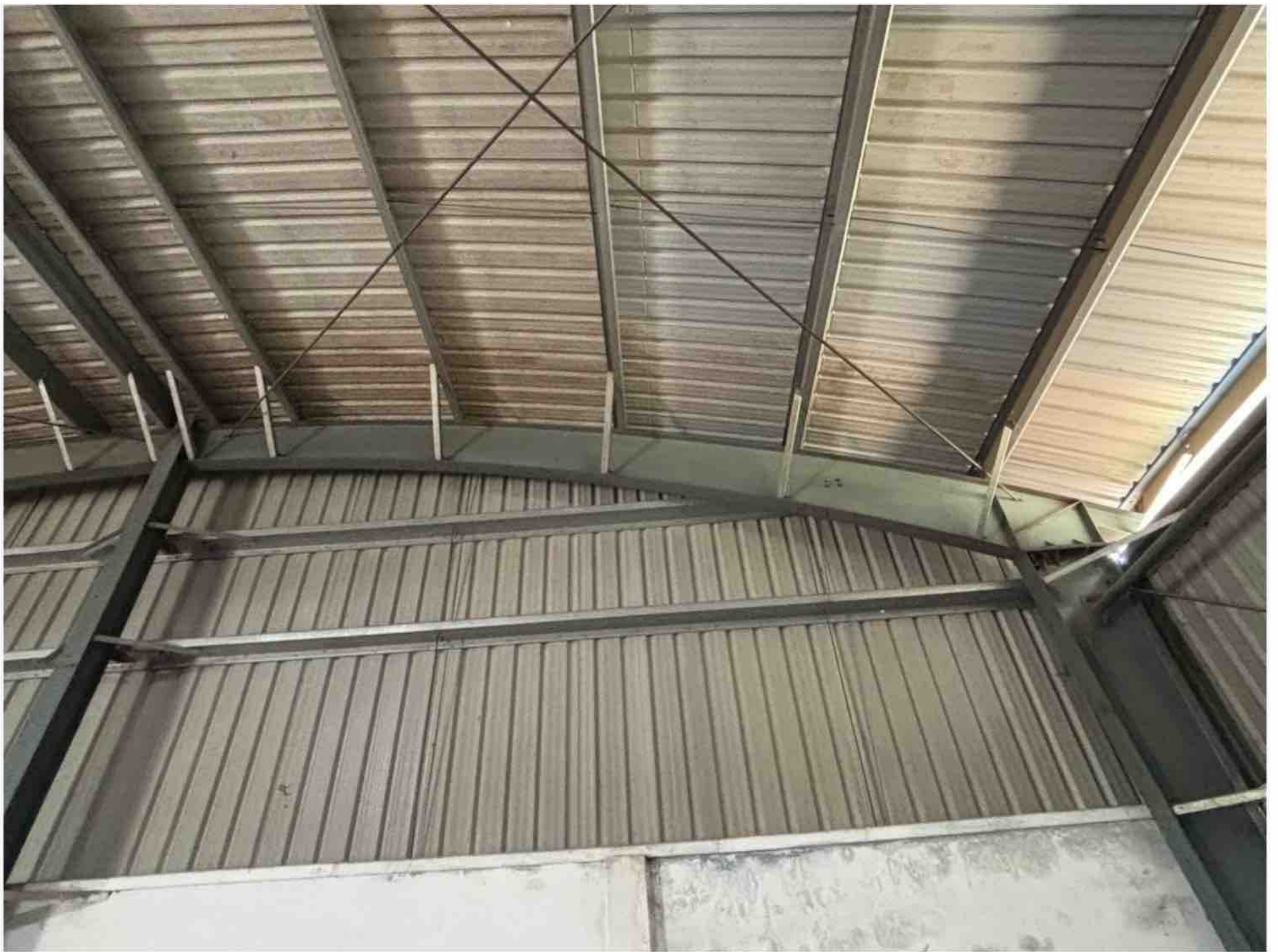
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GMT 07:32:17 AM

Longitude
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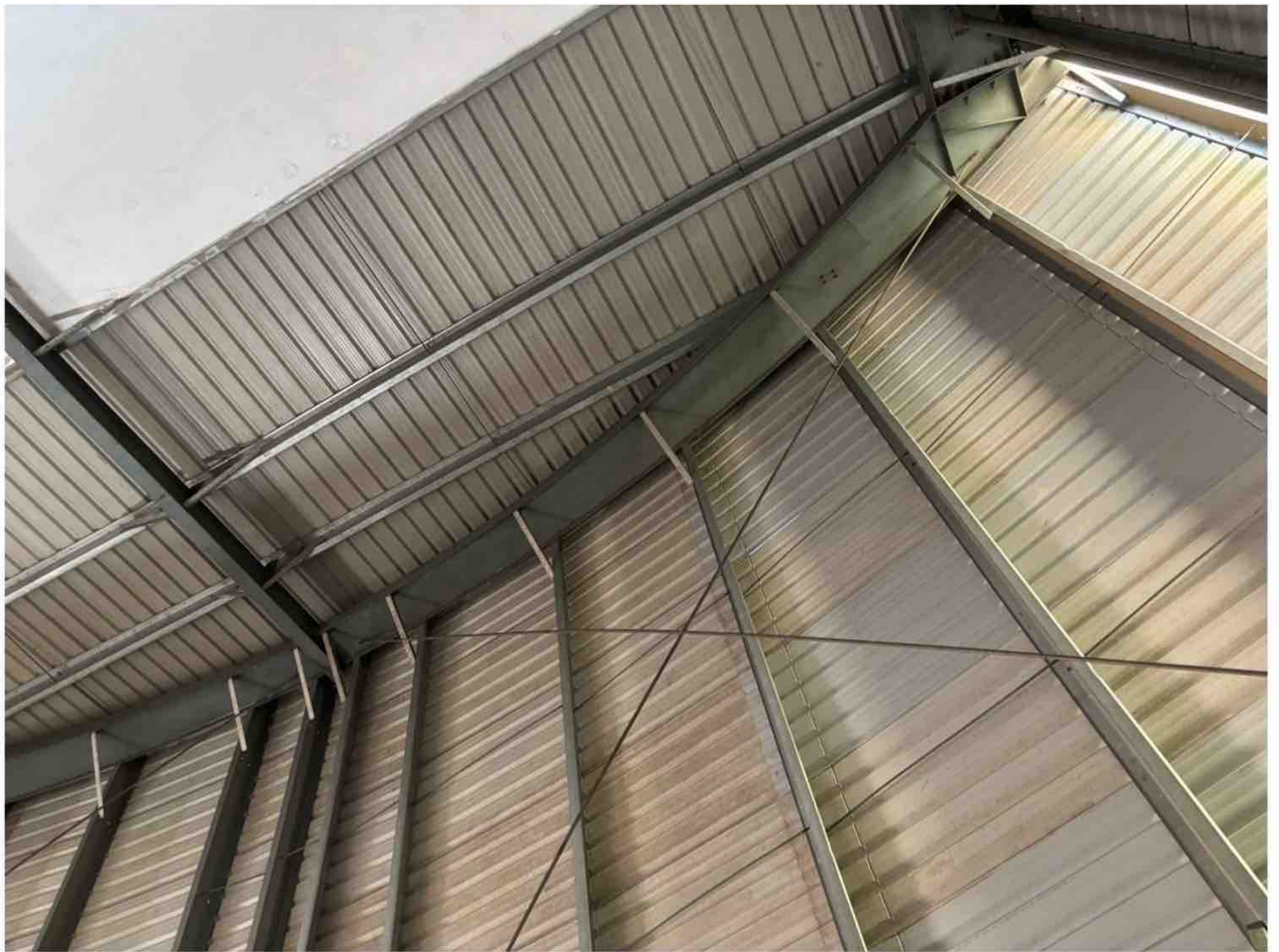
Altitude 55.3 meters
Wednesday, 03/11/2026

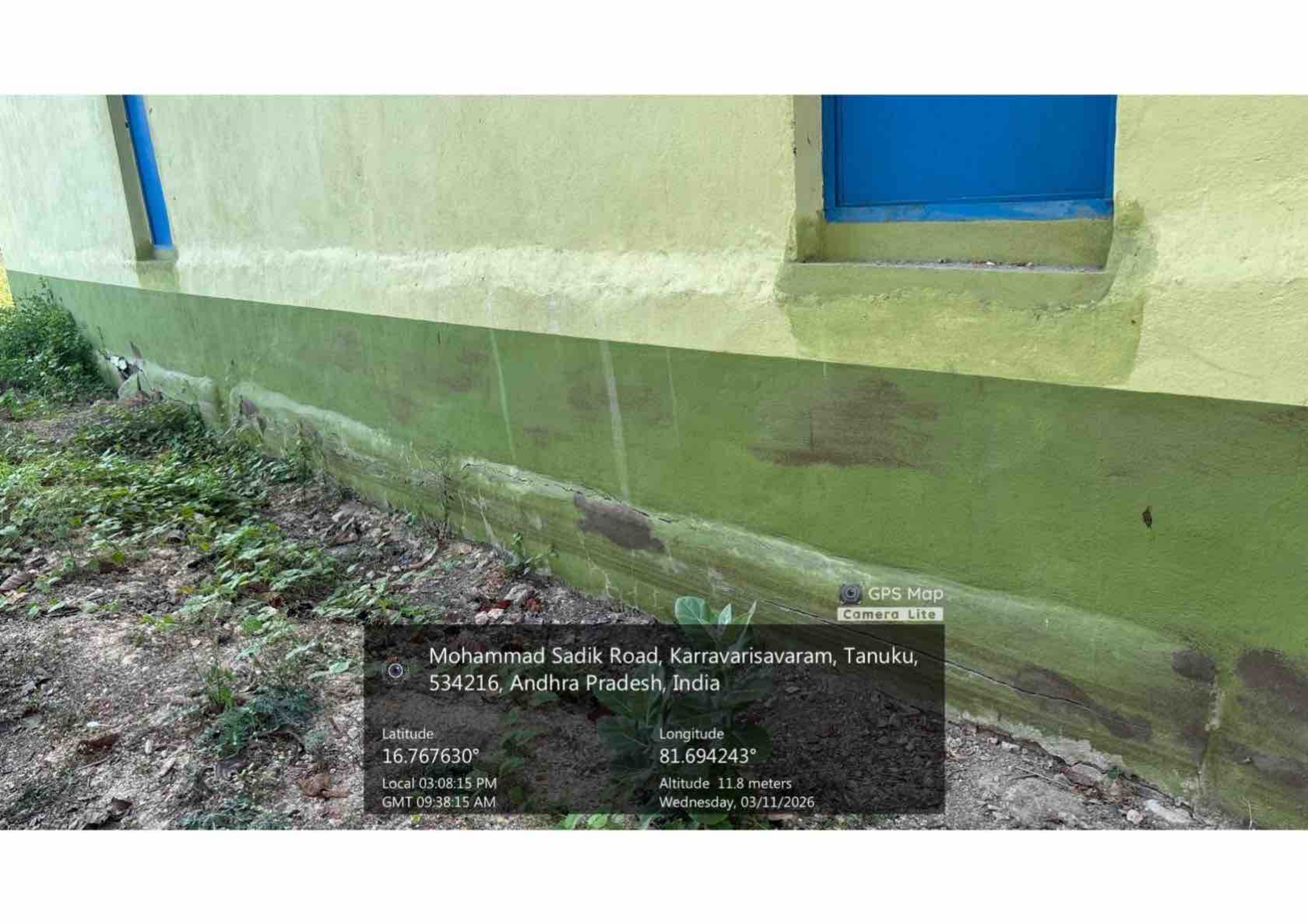












GPS Map
Camera Lite

Mohammad Sadik Road, Karravarisavaram, Tanuku,
534216, Andhra Pradesh, India

Latitude
16.767630°

Local 03:08:15 PM
GMT 09:38:15 AM

Longitude
81.694243°

Altitude 11.8 meters
Wednesday, 03/11/2026





GPS Map
Camera Lite



Mohammad Sadik Road, Karravarisavaram, Tanuku,
534216, Andhra Pradesh, India

Latitude
16.767633°

Local 03:08:35 PM
GMT 09:38:35 AM

Longitude
81.694227°

Altitude 15.4 meters
Wednesday, 03/11/2026

