${QR}

**Attention to:** ﻣﺆﺳﺴﺔ ﺭﺳﻴﻞ ﺍﻟﺒﻨﺎﺀ ﻟﻠﻤﻘﺎﻭﻻﺕ

**IDI PR #:** **249800**

**Established by: Amr Yasser**

**TIS Visit**

**Inspection Report - Soil Improvement**

**Date of visit: 04-Feb-2025**

**Location: 26.4355396,50.1022385**

**( Special Projects, Saudi Arabia)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Owner** | ﺷﺮﻛﺔ ﺭﻭﺍﺱ ﺍﻟﻌﻘﺎﺭﻳﺔ ﺷﺮﻛﺔ ﺷﺨﺺ ﻭﺍﺣﺪ | **TIS Company** | CPV Arabia |
| **Contractor** | ﻣﺆﺳﺴﺔ ﺭﺳﻴﻞ ﺍﻟﺒﻨﺎﺀ ﻟﻠﻤﻘﺎﻭﻻﺕ | **Report Issue Date** |  |
| **Project Location** | 1ﺭ ﻳﻘﻊ ﻋﻞ ﺛﻼﺙ ﺷﻮﺍﺭﻉ ﺷﺮﻗﺎ ﺍﻭﺱ ﺑﻦ ﻋﺎﺑﺪ ﻭﺷﻤﺎﻻ ﺷﺎﺭﻉ ﺍﻟﻬﺪﻯ ﻭﻏﺮﺑﺎ ﺷﺎﺭﻉ | **Inspection #** | 1 |
| **Inspection Stage** | Soil Improvement | **No. Of buildings** | 1 |
| **Inspector Name** | Amr Yasser | **Work in progress** | Soil Improvement( Soil improvement ) |
| **Email** | ayasser@cpvarabia.com | **Telephone** | 594037209 |

|  |
| --- |
| **Inspection Results: Satisfactory with Technical Reservation** |
| **Description of the inspections carried out:**  CPV ARABIA has conducted an on-site technical inspection (IDI) for Project PR #249800 during the pre-pouring phase of the Soil Improvement.  The details of the inspection are described further as we go through this report. |

**Summary**

|  |
| --- |
| **Risks Assessment:** - The soil classification report has been provided, but the soil type does not match the approved specifications.   the soil classification report has been provided and the soil type should match the approved specifications  **Stages missed without TIS involvement:** - Not exist  **Interpretation of Additional Visit:** - Not exist |

|  |
| --- |
| General Site Pictures and Construction Plans |
|  |
|  |
| General site picture and construction plans |

|  |
| --- |
| Checklist |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Checklist** | **SBC Reference** | **Result** | **Remarks** |
| **1** | **Inspection criteria** | | | |
| 1.1 | Is the site ready for inspection with safe inspection conditions and safe access for the TIS inspection? | - | Passed |  |
| 1.2 | Were there any modifications in the project that is different from the RD0, Soil Report and Construction Plans...etc.)? | - | Passed |  |
| 1.3 | Is there any missing inspection stages in the project? | - | Passed |  |
| 1.4 | Are there any defects observed that can affect the building’s stability or RD5 inspection for slab stage hasn’t been closed yet? |  | Passed |  |
| 1.5 | Is the laboratory conducting tests certified by an ISO/17025-accredited body? | - | Passed |  |
| **2** | **Checklist** | | | |
| 2.1 | Are there any visible signs of inadequate compaction, such as surface irregularities or material segregation? | - | Passed |  |
| 2.2 | Are the area cleared of debris, vegetation, and loose soil? | - | Passed |  |
| 2.3 | Does the soil classification report been provided and Soil type match the approved specifications? | - | Not Passed |  |
| 2.4 | Are The compaction layer is uniform, and thickness matches with SBC specifications.? | - | Passed |  |
| 2.5 | Do the Compaction equipment and methodology comply with the approved method statement? | - | Passed |  |
| 2.6 | Does the moisture content of the soil match the optimum moisture content (OMC) as per the provided proctor test/modified proctor test results? | - | Passed |  |
| 2.7 | are the Field dry density measured using approved methods (e.g., sand cone, nuclear gauge) as per test specifications? | - | Passed |  |
| 2.8 | Are the compaction test results (Field compaction percentage) satisfactory and comply with SBC? | - | Passed |  |
| 2.9 | Is the test area level, debris-free, and prepared according to the approved method statement? | - | Passed |  |
| 2.10 | Are the load is applied incrementally as per approved standards (e.g., ASTM D1196)? | - | Passed |  |
| 2.11 | Are The load-settlement relationship matches design requirements for bearing capacity and settlement limits? | - | Passed |  |
| 2.12 | Is a detailed test report, including load-settlement curves and results provided? | - | Passed |  |
| 2.13 | Are the compaction test results for the previous layers provided and verified on site? | - | Passed |  |
| 2.14 | Does the test plate meet the specified dimensions and thickness? | - | Passed |  |

Risk Assessment

|  |
| --- |
| **The plate diameter and thickness as per test specifications**   **Passed** |
| **The compaction test results for the previous layers have been provided and verified on site .**   **Passed** |
| **Test report is detailed, including load-settlement curves and results**   **Passed** |
| **The load-settlement relationship matches design requirements for bearing capacity and settlement limits**   **Passed** |
| **The load is applied incrementally as per approved standards (e.g., ASTM D1196).**   **Passed** |
| **The test area is level, free from debris, and prepared according to the approved method statement.**   **Passed** |
| **The compaction test results (Field compaction percentage) are satisfactory and comply with SBC**   **Passed** |
| **The moisture content of the soil is within the optimum moisture content (OMC) based on the provided proctor test results.**   **Passed** |
| **The compaction equipment and methodology comply with the approved method statement.**   **Passed** |
| **The compaction layer is uniform, and its thickness conforms to SBC specifications.**   **Passed** |
| **The soil classification report has been provided, but the soil type does not match the approved specifications.**   **Not Passed** |
| **the area cleared of debris, vegetation, and loose soil**   **Passed** |
| **There are no visible signs of inadequate compaction, such as surface irregularities or material segregation**   **Passed** |

|  |  |  |
| --- | --- | --- |
| **Engineer In Charge of Inspection** | **Special Projects Manager** | **Technical Inspection Manager** |
| **Name:** Amr Yasser | **Name:** | **Name:** |
| **Signature:** | **Signature:** | **Signature:** |
| Date of Issuing the report: | | |