**REPORT RD1**

**RISK DEFINITION**

**TECHNICAL SOIL RISK ANALYSIS**

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| **REFERENCE:** ${REF} | | | **TIS AGENCY:** ${TIS\_AGENCY} |
| **TECHNICAL/S RESPONSIBLE/S:**  **Design:** ${DESIGN}  **Project Control:** ${PC}  **Design review manager:** Mahmoud Elmasry | | | |
| **Revision:** ${REVISION} | | **CONTACT:** ${CONTACT} | |
| **DATE OF ISSUE:**  ${DATE\_OF\_ISSUE} | **FAX:** ${FAX} | **PHONE:** ${PHONE} | **EMAIL:** ${EMAIL} |

**TITLE I**

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| **PRINCIPAL/OWNER:** ${OWNER}  **PROPOSER (IF DIFFERENT):** ${PROPOSER}  **PROJECT TITLE:** ${PROJECT\_TITLE}  **ADDRESS:** ${ADDRESS}  **PROPOSED USE/OCCUPATION:** ${OCCUPATION}  **NUMBER OF BUILDINGS:** ${NUMBER\_OF\_BUILDINGS} |
| **PARTIES INVOLVED** |
| **DESIGN:**   * **ARCHITECT:** ${**ARCHITECT**} * **STRUCTURAL DESIGNER**: ${**STRUCTURAL\_DESIGNER**} * **SOIL REPORT:** ${**SOIL\_REPORT**}   **CONSTRUCTION:**   * **MAIN CONTRACTOR: ${CONTRACTOR****}** * **SUBCONTRACTORS:** **${SUBCONTRACTORS}** * **PROJECT SUPERVISOR**: **${Project\_SUPERVISOR}** * **QUALITY TESTING FIRMS:** * **OTHER (SPECIFY):**   **COMMENTS ON REFERENCES OF ARCHITECTS, ENGINEERING CONSULTANTS, AND CONTRACTORS OF THE OPERATION, PURPOSE OF THE INSPECTION, IF ANY:** |

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| This report will be filled in if one of the following cases is chosen.1- Existence of collapsible soils, expansive layers, or improved soil. 2- Shaft foundations with a depth greater than 3.00 m, piles, micro piles, diaphragm walls. 3- Lands with slopes greater than 30% 4- Soil review or sabkha soil |
| Is the building likely to be flooded (river, lake or sea, ground water level)? ${**N200**} YES ${**N201**} NO  Has a geotechnical engineer been involved in the design?  YES  NO  Please indicate the scope, number, and type of geotechnical tests and describe the layers including thickness.  Number of boreholes: ${nBoreholes}  ${BH}  What are the tests existing in the geotechnical report?  ${cos2}  Total or Actual settlement as soil report: ${D103} mm |
| Description:Soil description: ${D55}Foundation level from street level: ${D88} m ${D885e}Water ground level from street level: ${B202}Type of foundation: ${B268} ${D64e} ${D64d}  ${D64t} ${D64i} |

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| **Identified aggravating risks and additional information:**  **Design (RD5):**  ${RD5}  **Inspection (RD5):**  ${RD5in}  **Technical reservations:**  ${TR}  **Notes:**  ${NOTE} |

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| Riyadh, ${DATE\_OF\_ISSUE}  The Technician/S In Charge Of The Control  ${B4770}  Eng. ${curusernameRD0}  Civil Engineer  Soil Specialist  ${B477}  Eng. ${curusername}  Civil Engineer  Quality Control Manager  ${B4771}  Eng. ${curusernameQC}  Civil Engineer  Project Analysis Department Manager    Eng. Mahmoud Elmasry  Civil Engineer |