# Bearing Capacity Report | گزارش ظرفیت باربری پی

*Generated from sheet Bearing · RastaWorks*

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|---|---|
| **Project / پروژه** | Sample Project |
| **Location – Section / محل** | Strip footing F1 |
| **Depth (m) / عمق** | 1 |
| **Date / تاریخ** | 2026-10-18 |
| **Prepared by** | Engineer |

| Quantity / کمیت | Value / مقدار | Unit | Quantity / کمیت | Value | Unit |
|---|---|---|---|---|---|
| **Method** | **Meyerhof** | – | **Shape** | **Strip** | – |
| **B' (effective)** | **2.00** | m | **Df** | **1.00** | m |
| **φ used** | **30.0** | ° | **c used** | **0.0** | kPa |
| **Nc / Nq / Nγ (adopted)** | **30.1 / 18.4 / 15.7** | – | **FS (required)** | **3.0** | – |
| **qu** | **613.2** | kPa | **qall (gross)** | **204.4** | kPa |
| **qnet,all** | **198.4** | kPa | **Applied q** | **150.0** | kPa |

Load check: OK — FS ≥ required  (actual FS = 4.09)

Notes: Meyerhof (general bearing capacity equation) and Terzaghi methods; effective area for eccentric loading; water-table correction. Parameters must come from a site investigation. For design use, review by a qualified geotechnical engineer is required.
نتایج باید توسط مهندس ژئوتکنیک ذی‌صلاح بازبینی شود.