

Civil/Structural Documents

a. Site Development Plan

Site Development Plan showing technical description, boundaries, orientation and position of proposed non-architectural horizontal structure such as: sewerage treatment plan (STP), silos, elevated tanks, towers, fences, etc. building/structure in relation to the lot, existing or proposed access road and driveways and existing public utilities/services. Existing buildings within and adjoining the lot shall be hatched and distances between the proposed and existing buildings shall be indicated.

b. Structural Plans

- i. Foundation Plans and Details at scale of not less than 1:100.
- ii. Floor/Roof Framing Plans and Details at scale of not less than 1:100.
- iii. Details and Schedules of structural and civil works elements including those for deep wells, water reservoir, pipe lines and sewer system.

c. Structural Analysis and Design for all buildings/structures except for one storey and single detached building/structure with a total floor area of 20.00 sq. meters or less.

d. Boring and Load Tests

Buildings or structures of three (3) storeys and higher, boring tests and, if necessary, load tests shall be required in accordance with the applicable latest approved provisions of the National Structural Code of the Philippines (NSCP). However, adequate soil exploration (including boring and load tests) shall also be required for lower buildings/structures at areas with potential geological/geotechnical hazards. The written report of the civil/geotechnical engineer including but not limited to the design bearing capacity as well as the result of tests shall be submitted together with the other requirements in the application for a building permit. Boring test or load test shall also be done according to the applicable provisions of the NSCP which set forth requirements governing excavation, grading and earthwork construction, including fills and embankments for any building/structure and for foundation and retaining structures.

e. Seismic Analysis

f. Other related documents