

Due Diligence Report on W building in BGC

Nam Le $^{\mathrm{a},1}$ and Mark Lester Ogot $^{\mathrm{b},2}$

^a PhD, Project Director for TDD, Market Research, Asset Management, and Data Solutions (Arcadis ASEAN); ^b Senior Structure Engineer and Team Lead, Arcadis Philippine Inc.

This manuscript was compiled on September 25, 2020

Technical Due Diligence | Documentation | Technical Specs | Risks

This report provides a high level summary on findings on noncompliance and risks associated with the design, construction, and operation of the W building in BGC.

1. Documentation

2. Design

- 2.1. Soil Survey and Seismic Risk.
- 2.2. Structure.
- 2.3. Mechanical.
- 2.4. Electrical.
- 2.5. Plumping.
- 2.6. FDAS.

3. Construction Quality

- 3.1. Structure.
- 3.2. Architecture.
- 3.3. MEPF.

4. Modification and Change

- 4.1. Bridge connecting Globe and W buildings.
- 4.2. Slab and Beam of car park area.
- 4.3. Basket Ball Field.

Significance Statement

This article has been prepared for Hankyu team to have high level understanding on the risks associated with the W building in BGC, Manila, the Philippines.

Note: Arcadis analysis is a high level analysis based on the evaluation on provided set of documents and data. Precise technical and design validation is not part of the scope.

www.arcadis.com Nam LE | September 25, 2020 1–1

²Corresponding Author (Nam Le). E-mail: le.nam@arcadis.com