

Structural Review Letter

Comments from 2012-069-SUB1:

Page 14:

Top of wall elevations and bottom of excavation elevations are called out on structural plan sheets S1.0W, S1.01E, S1.02E, S1.1E and S1.2.

Page 40:

Nomenclature for the steel piles has been updated in the shoring design to help clarify pile locations and design parameters. Some pile designs have level backfill in their final configuration. Shoring plans have also been added to the structural calculations to help locate the pile types and match them to their corresponding design. Please see the "UPDATED STRUCTURAL CALCULATIONS" dated 04/10/2023.

The Geotechnical Engineer specified 55 PCF for sloping design load on the shoring. The shoring calculations use this value at sloped conditions.

Page 41:

See Sections E & F on sheet S3.3 for wall sections at the Loggia.

Page 44:

The Shear wall Key Plans on the drawings have been updated with darker hatches so that the layout is easier to read. Please see the updated shear wall calculations in the "UPDATED STRUCTURAL CALCULATIONS" dated 04/10/2023 for additional information and design of shear walls at the Main and Basement levels.

Page 45:

There is a concrete wall at the location indicated on S1.3. The wall is detailed in Section H/S3.3.

Page 47:

A 4 x 10 beam has been added to support the roof framing at this location.

Page 48: The General Notes on Sheet S2.1 have been updated to reflect the soil values and pipe pile recommendations from the Soils Report of record.

Page 51: A note has been added to Sheets S3.1, S3.2, and S3.3 referring to Architectural Sheet A-11.1 for waterproofing and drainage details at shoring and foundation walls.