

**CS CONSULTING
GROUP**
DUBLIN - LONDON - LIMERICK

An Bord Pleanála
64 Marlborough Street
Dublin 1
D01 V902

Job Ref: Q003
A - FB
Date: 7-Jun-22

Structural Statement
Proposed Mixed-Use Development,
Belgard Square East, Belgard Road and Blessington Road, Dublin 24.

Dear Colleague,

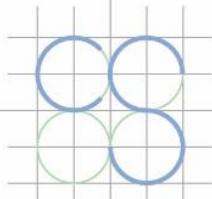
CS Consulting have been appointed by Ravensbrook Limited to provide Structural Consultancy Services for the proposed mixed-use development at Belgard Square East, Belgard Road and Blessington Road, Dublin 24 and to develop the scheme to Planning Stage.

The following provides a summary of the advice and encapsulates the information gathered thus far.

Retaining Wall Structure:

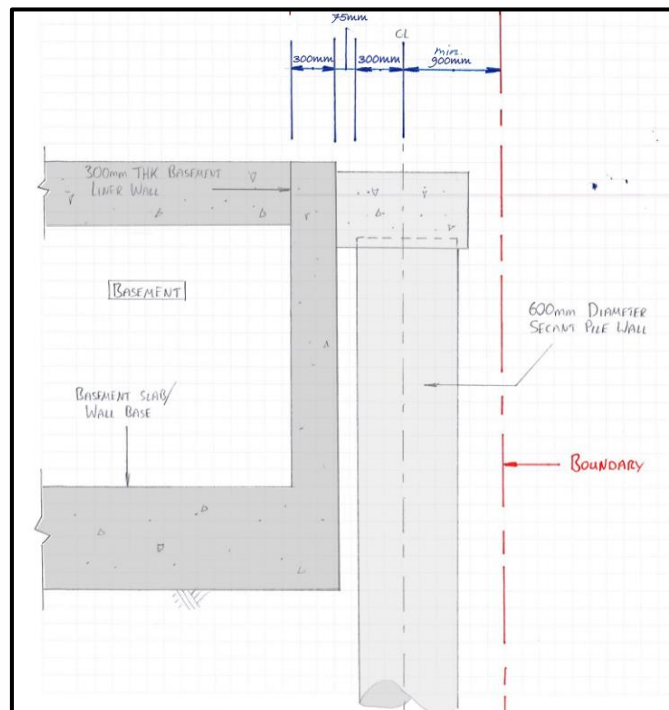
As an underground basement is proposed for the development, it is required to excavate a portion of the site to accommodate the construction of the foundations, basement walls, etc.

Where the perimeter of the basement is in close proximity to the site boundary line, a secant pile wall is proposed to retain the soil and allow for the excavation (Please refer to sketch below).



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It is proposed to provide secant piles around the perimeter of the entire basement.
Please refer to CS Consulting drawing no. **Q003-CSC-ZZ-XX-DR-C-0017** for details of proposed secant pile to basement.



Below Ground Waterproofing:

Habitable areas, core lobbies, lift pits, and sensitive plant rooms must meet the requirements of Grade 3 Basement Waterproofing in accordance with BS8102:2009. The remaining areas of the basement must meet the requirements of Grade 2 Basement Waterproofing. The architect shall advise on radon protection requirements.

Fionnán de Búrca
Civil, Traffic and Transportation Engineer
B.Sc, ME, M.I.E.I