

CHAPTER 1

1.1 Introduction

This Reference Guide is a design tool for designers (including developers, architects, engineers, contractors, precasters, etc.), who may, from time to time, need to make reference to the dimensions and connection details of standard prefabricated building components commonly used and specified by the industry. It describes the applications of standard prefabricated building components, which are being adopted by the industry and their design considerations.

1.2 Scope

The Committee studied different types of prefabricated building components. However, as a start, only the standard precast concrete staircases, refuse chutes, civil defence shelter wall / door frame and precast / prefabricated bathrooms units are introduced in the Reference Guide.

The dimensions recommended in the Reference Guide are for residential, commercial and institutional developments. Nevertheless, with the assistance from precasters and designers, some of the recommended dimensions could be modified to meet individual project requirements.

The Reference Guide will be updated and expanded periodically. The Committee welcomes feedback or suggestions for improving the Reference Guide.