1. Record Nr. UNINA9910831077403321 Autore Brunetti Gian Luca Titolo Design and construction of bioclimatic wooden greenhouses. Volume 2 : design of construction: structure and systems / / Gian Luca Brunetti London, England;; Hoboken, New Jersey:,: ISTE, Ltd.:,: John Wiley & Pubbl/distr/stampa Sons, Incorporated, , [2023] ©2023 **ISBN** 1-394-19213-4 1-394-19211-8 Descrizione fisica 1 online resource (275 pages) 728.96 Disciplina Soggetti Greenhouses - Design and construction Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Cover -- Title Page -- Copyright Page -- Contents -- Introduction --Nota di contenuto Chapter 1. Light Frames (Wooden Frames) -- 1.1. Commonest solution: platform-frame-like or balloon-frame-like curtain walls framed with studs/mullions -- 1.2. Types of connections in wooden construction --1.2.1. Head-to-head butt joint -- 1.2.2. Head-to-side butt joint --1.2.3. Lap joints -- 1.2.4. Nailed connections -- 1.2.5. Screwed connections -- 1.2.6. Bolted connections -- 1.2.7. Tooth plate connections -- 1.2.8. Glued connections -- 1.3. Types of connections between structural sub-systems -- 1.3.1. Interfacing the frames of the front façade and the roof -- 1.3.2. Interfacing the frames of the side walls and the roof -- 1.3.3. Gable walls -- 1.3.4. Opaque enclosures --1.3.5. Back walls -- 1.3.6. Connection between the roof of a building and the roof of the greenhouse attached to it -- 1.4. Alternative structural solution: light-frame curtain walls supported by horizontal purlins -- 1.5. Alternative structural solution: trussed light-frame structures -- 1.5.1. Trusses and trussed portals or semi-portals

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