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It is written for engineers experienced in the design of carbon steel structural components but not necessarily in the design of stainless steel structures, and is aligned with the design provisions in the 2010 AISC Specification for Structural Steel Buildings.

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AISC DESIGN GUIDE 34 / STEEL-FRAMED STAIRWAY DESIGN / 7 fto load-carrying capacity and safety. As such, these class dis- 2.2.2 Service Class tinctions do not represent differences in functional value, but This class of stairs serves chiefly functional purposes. Ser- rather in character and appearance.

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mation contained in this guide can be used for design accord- ing to the 1989 AISC ASDSpecification for Structural Steel Buildings(referred to herein as the ASD Specification) if service loads are used in place of factored loads. Where this is not the case, it has been so noted in the text.

Torsional Analysis of

Steel Design Guide JAMES C. PARKER, P.E. Simpson Gumpertz & Heger Inc. Waltham, Massachusetts AMERICAN INSTITUTE OF STEEL CONSTRUCTION Façade Attachments to Steel-Framed Buildings 000-000_title_page_copyright.indd i 7/16/08 2:01:33 PM

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This Guide is based on the 2005 AISC Specification for Structur- al Steel Buildings (AISC, 2005), and includes guidance for designs made in accordance with load and resistance factor design (LRFD) or allowable stress design (ASD).

Base Plate and Anchor Rod Design

It is aligned thinner stainless steel structural sections. with the design provisions in the 2010 AISC Specification for The guide is intended for the design of primary and sec- Structural Steel Buildings (AISC, 2010c), hereafter referred onday structural components. It covers aspects of material to as the AISC Specification.

(PDF) AISC Steel Design Guide - 27 - Structural Stainless ...

(2006). Her research and publications include HSS connections and stainless steel light gage members. Preface This Design Guide is a supplement to the 13th edition of the American Institute of Steel Construction (AISC) Steel Construction Manual and its companion CD. The Manual contains sections on bolting to hollow

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This design guide is based on the 2005 AISC Specification for Structural Steel Buildings. It provides guid- ance in the application of the provisions of the

Specification to the design of web-tapered members and

Steel Design Guide - KetcauSoft

Design Guide 12: Modification of Existing Steel Welded Moment Frame Connections for Seismic Resistance. Covers the rehabilitation of existing welded steel moment frame buildings to improve their seismic resistance in future earthquakes. Retrofit concepts with reduced beam section (RBS), welded haunch, and bolted bracket modifications are covered.

Design Guide 12: Modification of Existing Steel ... - AISC

AISC Design Guide 16 - Flush And Extend Multiple-Row Moment End-Plate Connections. AISC Design Guide 17 - High Strength Bolts - A Primer For Structural Engineers. AISC Design Guide 18 - Steel-Framed Open-Deck Parking Structures. AISC Design Guide 19 - Fire Resistance Of Structural Steel Framing. AISC Design Guide 20 - Steel Plate ...

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Steel Design Guide Series Industrial Buildings

The design procedures in the current editions of the AISC Manual of Steel Construction are in part based on his basic work. Kennedy, et al. (1981) refined the tee-stub analysis to include the prediction of prying forces utilizing yield line theory and the formation of plastic hinges. They categorized the tee-stub flange behavior on three levels.

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