Identifier - Primary expression, v. 3
WG14 N3034

Title:	Identifier - Primary expression, v. 3
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Proposal category:	Bug fixes
Target audience:	WG14 members, C implementers

Abstract: Clarifies that an undeclared identifier is not a valid primary expression.

Identifier - Primary expression, v. 3

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Summary of Changes

N3034

- Moved a semantic restriction to be a constraint instead
- Applied minor editorial fixes from the reflectors

N2938

- Second version, written by Javier

N2687

- Initial version, written by Javier

Proposed Wording

The wording proposed is a diff from the committee draft of WG14 N2912. Green text is new text, while red text is deleted text.

Insert a new paragraph before 6.5.1p2, in a (new) Constraints section:

The identifier in an identifier primary expression shall have a visible declaration as an ordinary identifier that declares an object or a function. FNT)

Add a new Footnote:

An identifier designating an enumeration constant is a primary expression through the constant production, not the identifier production.

Replace the existing 6.5.1p2 with:

An identifier primary expression designating an object is an lvalue. An identifier primary expression designating a function is a function designator.

Delete the footnote previously referenced by 6.5.1p2.

Acknowledgements