



# National BIM Standard - United States® Version 3

## 2 Reference Standards

### 2.4 OmniClass™

#### 2.4.4.4 OmniClass™ Table 21 – Elements, February 2011

##### 2.4.4.4.1 Scope

OmniClass™ is a comprehensive system consisting of 15 tables for classifying the entire built environment throughout the full project life-cycle. *Table 21 – Elements* provides a hierarchical taxonomy for classifying and identifying elements within a facility. Predominating functions include, but are not limited to, supporting, enclosing, servicing, and equipping a facility. Functional descriptions can also include a process or an activity. The whole OmniClass™ system can be used to organize many different forms of information and for use in preparing project information, communicating exchange information, cost information, specification information, and other information that is generated during the services carried out throughout the project life-cycle.

##### 2.4.4.4.2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

- ISO Technical Report 14177, Classification of Information in the Construction Industry, July 1994
- ISO 12006-2:2001, Organization of Information about Construction Works – Part 2: Framework for Classification of Information

##### 2.4.4.4.3 Terms, definitions, symbols, units and abbreviated terms

For the purposes of this document, the following terms, definitions, symbols, units and abbreviated terms apply.

##### 2.4.4.4.3.1 element

major component, assembly, or construction entity part which, in itself or in combination with other parts, fulfills a predominating function of the construction entity (ISO 12006-2)

##### 2.4.4.4.3.2 designed element

element for which the work result(s) have been defined (ISO 12006-2)

#### 2.4.4.4.4 [OmniClass™ Table 21 – Elements, February 2011](#)

##### 2.4.4.4.4.1 Introduction

*OmniClass™ Table 21 – Elements* is an existing industry standard developed, managed, published and copyrighted by the Construction Specifications Institute, approved through the NBIMS-US™ consensus

process. *OmniClass™ Table 21 – Elements* is incorporated in NBIMS-US™ by reference so that it can be easily referenced in BIM Information Exchanges. Document follows.

#### **2.4.4.4.5 Bibliography**

1. Construction Specifications Institute/Construction Specifications Canada; *UniFormat™*; Alexandria, VA and Toronto, Ontario, Canada: CSI/CSC, 2010