

(6.7.10) *designation*:

*designator-list* =

(6.7.10) *designator-list*:

*designator*

*designator-list designator*

(6.7.10) *designator*:

[ *constant-expression* ]

. *identifier*

(6.7.11) *static\_assert-declaration*:

**static\_assert** ( *constant-expression* , *string-literal* ) ;

**static\_assert** ( *constant-expression* ) ;

(6.7.12.1) *attribute-specifier-sequence*:

*attribute-specifier-sequence*<sub>opt</sub> *attribute-specifier*

(6.7.12.1) *attribute-specifier*:

[ [ *attribute-list* ] ]

(6.7.12.1) *attribute-list*:

*attribute*<sub>opt</sub>

*attribute-list* , *attribute*<sub>opt</sub>

(6.7.12.1) *attribute*:

*attribute-token attribute-argument-clause*<sub>opt</sub>

(6.7.12.1) *attribute-token*:

*standard-attribute*

*attribute-prefixed-token*

(6.7.12.1) *standard-attribute*:

*identifier*

(6.7.12.1) *attribute-prefixed-token*:

*attribute-prefix* :: *identifier*

(6.7.12.1) *attribute-prefix*:

*identifier*

(6.7.12.1) *attribute-argument-clause*:

( *balanced-token-sequence*<sub>opt</sub> )

(6.7.12.1) *balanced-token-sequence*:

*balanced-token*

*balanced-token-sequence balanced-token*

(6.7.12.1) *balanced-token*:

( *balanced-token-sequence*<sub>opt</sub> )

[ *balanced-token-sequence*<sub>opt</sub> ]

{ *balanced-token-sequence*<sub>opt</sub> }

any token other than a parenthesis, a bracket, or a brace

### A.2.3 Statements

(6.8) *statement*:

*labeled-statement*

*unlabeled-statement*

(6.8) *unlabeled-statement*:

*expression-statement*

*attribute-specifier-sequence*<sub>opt</sub> *primary-block*

*attribute-specifier-sequence*<sub>opt</sub> *jump-statement*

(6.8) *primary-block*:

*compound-statement*  
*selection-statement*  
*iteration-statement*

(6.8) *secondary-block*:

*statement*

(6.8.1) *label*:

*attribute-specifier-sequence*<sub>opt</sub> **identifier** :  
*attribute-specifier-sequence*<sub>opt</sub> **case** *constant-expression* :  
*attribute-specifier-sequence*<sub>opt</sub> **default** :

(6.8.1) *labeled-statement*:

*label* *statement*

(6.8.2) *compound-statement*:

{ *block-item-list*<sub>opt</sub> }

(6.8.2) *block-item-list*:

*block-item*  
*block-item-list* *block-item*

(6.8.2) *block-item*:

*declaration*  
*unlabeled-statement*  
*label*

(6.8.3) *expression-statement*:

*expression*<sub>opt</sub> ;  
*attribute-specifier-sequence* *expression* ;

[−6ex]

(6.8.4) *selection-statement*:

**if** ( *expression* ) *secondary-block*  
**if** ( *expression* ) *secondary-block* **else** *secondary-block*  
**switch** ( *expression* ) *secondary-block*

[−6ex]

(6.8.5) *iteration-statement*:

**while** ( *expression* ) *secondary-block*  
**do** *secondary-block* **while** ( *expression* ) ;  
**for** ( *expression*<sub>opt</sub> ; *expression*<sub>opt</sub> ; *expression*<sub>opt</sub> ) *secondary-block*  
**for** ( *declaration* *expression*<sub>opt</sub> ; *expression*<sub>opt</sub> ) *secondary-block*

[−6ex]

(6.8.6) *jump-statement*:

**goto** *identifier* ;  
**continue** ;  
**break** ;  
**return** *expression*<sub>opt</sub> ;

[−6ex]

## A.2.4 External definitions

(6.9) *translation-unit*:

*external-declaration*  
*translation-unit* *external-declaration*

(6.9) *external-declaration*:

*function-definition*  
*declaration*