Result Summary Report

The mapping of the template keys and description are:

- Ruleset Template Keys
- Rule Level Template Keys
- Issue Template Keys
- Component Template Keys
- Rule Parameter Template Keys
    - General Intersection Rule (1)
    - Property Values must be from Agreed List (9)
    - Model should have Components (11)
    - Layer Of Component must be from Agreed List (17)
    - Spaces Must Have Enough Window Area (19)
    - Components Must Have Unique Identifier (21)
    - Spaces Must Be from Agreed List (22)
    - Component Must Touch Other Components (23)
    - Components Must Be Connected To Spaces (25)
    - Space Requirements (36)
    - Total Space Area on Each Floor (37)
    - Space Count on Each Floor (38)
    - Floor And Gross Area Analysis (111)
    - Space Area (132)
    - Distance Between Spaces (161)
    - Component Property Values Must Be Consistent (171)
    - Fire Walls Must Have Correct Wall, Door, and Window Types (172)
    - Space Group Containment (175)
    - Model Structure (176)
    - Escape Route Analysis (179)
    - Fire Compartment Area Must Be Within Limits (190)
    - Spaces Must Be Included in Fire Compartments (191)
    - Space Validation (202)
    - Required Property Sets (203)
    - Model Comparison Rule (206)
    - Accessible Ramp Rule (207)
    - Accessible Door Rule (208)
    - Free Floor Space (209)
    - Accessible Stair Rule (210)
    - Accessible Window Rule (211)
    - External Wall Validation (212)
    - Shelf Running Metre Rule (213)
    - Allowed Profiles Rule (215)
    - Wall Validation (216)
    - Element Hole Validation Rule (218)
    - Floor Distance (220)
    - Wall Distance Rule (221)

- Component Distance Rule (222)
- Structural Components Fit in Architectural Ones (223)
- Architectural Components Are Filled (224)
- Number of Components in Space (225)
- Free Area in Front of Components (226)
- Property Rule Template with Component Filters (230)
- Comparison Between Property Values (231)
- Manual Checking Rule (232)
- Allowed Beam Intersections (233)
- Component Inside Component Rule (234)
- Relative Number Rule (235)
- Horizontal Components Guarded Rule (236)
- Parking Rule (237)
- Accessible Route Rule (238)
- Effective Coverage Area Rule (240)
- Space Connection Rule (241)
- Building Envelope Rule (242)
- Exit Access Doorway Arrangement Rule (243)
- IDS Rule (244)

Ruleset Template Keys

Template Key	Description
<ACCEPTED_COMPONENTS>	Count of Accepted Components
<ACCEPTED_ISSUES>	Count of Accepted Issues
<ALL_ISSUES>	Count of All Issues
<CHECKED_COMPONENTS>	Count of Checked Components
<COMPONENTS_IN_CRITICAL_ISSUES>	Count of Components in Critical Issues
<COMPONENTS_IN_LOW_SEVERITY_ISSUES>	Count of Components in Low Severity Issues
<COMPONENTS_IN_MODERATE_ISSUES>	Count of Components in Moderate Issues
<CRITICAL_ISSUES>	Count of Critical Issues
<FAILED_COMPONENTS>	Count of Failed Components
<LOW_SEVERITY_ISSUES>	Count of Low severity Issues
<MODERATE_ISSUES>	Count of Moderate Issues
<PASSED_COMPONENTS>	Count of Passed Components
<REJECTED_COMPONENTS>	Count of Rejected Components
<REJECTED_ISSUES>	Count of Rejected Issues
<RULESET_DESCRIPTION>	Ruleset Description
<RULESET_NAME>	Ruleset
<UNDEFINED_COMPONENTS>	Count of Undefined Components

Rule Level Template Keys

Template Key	Description
<RULE_AUTHOR>	Rule Author
<RULE_DATE>	Rule Date
<RULE_DECISION>	Rule decision
<RULE_ID>	Rule ID

<RULE_IRRELEVANT_TEXT>	Rule Irrelevant Comment
<RULE_NAME>	Rule
<RULE_SUPPORT_TAG>	Rule Support Tag
<RULE_VERSION>	Rule Version

Issue Template Keys

Template Key	Description
<ISSUE_CATEGORIES>	Issue Categories
<ISSUE_CATEGORY>	Issue Category
<ISSUE_COMPONENT_COUNT>	Issue Component Count
<ISSUE_COMPONENTS_ADDRESS>	Issue Components Address
<ISSUE_COMPONENTS_APPLICATION>	Issue Components Application
<ISSUE_COMPONENTS_BAT_ID>	Issue Components Bat ID
<ISSUE_COMPONENTS_BEAM_AREA>	Issue Components Beam Area
<ISSUE_COMPONENTS_BETWEEN_SPACES>	Issue Components Between Spaces
<ISSUE_COMPONENTS_BOUNDING_BOX_HEIGHT>	Issue Components Bounding Box Height
<ISSUE_COMPONENTS_BOUNDING_BOX_LENGTH>	Issue Components Bounding Box Length
<ISSUE_COMPONENTS_BOUNDING_BOX_WIDTH>	Issue Components Bounding Box Width
<ISSUE_COMPONENTS_BUILDING>	Issue Components Building
<ISSUE_COMPONENTS_CEILING_AREA>	Issue Components Ceiling Area
<ISSUE_COMPONENTS_COLUMN_AREA>	Issue Components Column Area
<ISSUE_COMPONENTS_COMPOSITION_TYPE>	Issue Components Composition Type
<ISSUE_COMPONENTS_CONSTRUCTION_TYPE_NAME>	Issue Components Construction Type Name
<ISSUE_COMPONENTS_DESCRIPTION>	Issue Components Description
<ISSUE_COMPONENTS_DISPLAY_NAME>	Issue Components Display Name
<ISSUE_COMPONENTS_DOMAIN>	Issue Components Domain
<ISSUE_COMPONENTS_DOOR_AREA>	Issue Components Door Area
<ISSUE_COMPONENTS_ELEMENT_TYPE>	Issue Components Element Type
<ISSUE_COMPONENTS_ELEVATION>	Issue Components Elevation
<ISSUE_COMPONENTS_ELEVATION_DIFF_TO_NEXT_STOREY>	Issue Components Elevation Difference To Next Storey
<ISSUE_COMPONENTS_ELEVATION_WITH_FLOORING>	Issue Components Elevation With Flooring
<ISSUE_COMPONENTS_FEDERATED_FLOOR>	Issue Components Federated Floor
<ISSUE_COMPONENTS_FILLED>	Issue Components Filled
<ISSUE_COMPONENTS_FIRERATING>	Issue Components Fire rating
<ISSUE_COMPONENTS_FLOOR_AREA>	Issue Components Floor Area
<ISSUE_COMPONENTS_FLOW_DIRECTION>	Issue Components Flow Direction

<ISSUE_COMPONENTS_FUNCTIONAL_TYPE>	Issue Components Functional Type
<ISSUE_COMPONENTS_GEOMETRY>	Issue Components Geometry
<ISSUE_COMPONENTS_GLOBAL_TOP_ELEVATION>	Issue Components Global Top Elevation
<ISSUE_COMPONENTS_GLOBAL_BOTTOM_ELEVATION>	Issue Components Global Bottom Elevation
<ISSUE_COMPONENTS_GLOBAL_X>	Issue Components Global X
<ISSUE_COMPONENTS_GLOBAL_Y>	Issue Components Global Y
<ISSUE_COMPONENTS_GLOBAL_Z>	Issue Components Global Z
<ISSUE_COMPONENTS_GROUP>	Issue Components Group
<ISSUE_COMPONENTS_GUID>	Issue Components Guid
<ISSUE_COMPONENTS_IFC_ENTITY>	Issue Components IFC Entity
<ISSUE_COMPONENTS_IFC_TYPE>	Issue Components IFC Type
<ISSUE_COMPONENTS_IFC_SCHEMA>	Issue Components Ifc Schema
<ISSUE_COMPONENTS_IS_EXTERNAL>	Issue Components Is External
<ISSUE_COMPONENTS_IS_INTERIOR>	Issue Components Is Interior
<ISSUE_COMPONENTS_IS_RELATIVE>	Issue Components Is Relative
<ISSUE_COMPONENTS_LATITUDE>	Issue Components Latitude
<ISSUE_COMPONENTS_LAYER>	Issue Components Layer
<ISSUE_COMPONENTS_LONG_NAME>	Issue Components Long Name
<ISSUE_COMPONENTS_LONGITUDE>	Issue Components Longitude
<ISSUE_COMPONENTS_MATERIAL>	Issue Components Material
<ISSUE_COMPONENTS_MATERIAL_SCHEMA>	Issue Components Material Schema
<ISSUE_COMPONENTS_MODEL>	Issue Component Model
<ISSUE_COMPONENTS_MODEL_CATEGORIES>	Issue Components Model Categories
<ISSUE_COMPONENTS_NAME>	Issue Components Name
<ISSUE_COMPONENTS_NEAREST_SPACE>	Issue Components Nearest Space
<ISSUE_COMPONENTS_NUMBER>	Issue Components Number
<ISSUE_COMPONENTS_OBJECT_TYPE>	Issue Components Object Type
<ISSUE_COMPONENTS_OCCUPANT>	Issue Components Occupant
<ISSUE_COMPONENTS_OPERATION>	Issue Components Operation
<ISSUE_COMPONENTS_OPERATION_TYPE>	Issue Components Operation Type
<ISSUE_COMPONENTS_PHASE>	Issue Components Phase
<ISSUE_COMPONENTS_POSTAL_ADDRESS>	Issue Components Postal Address
<ISSUE_COMPONENTS_PREDEFINED_TYPE>	Issue Components Predefined Type
<ISSUE_COMPONENTS_PROFILE_TYPE>	Issue Components Profile Type
<ISSUE_COMPONENTS_PROJECT>	Issue Components Project
<ISSUE_COMPONENTS_REF_PERIMETER_NET_AREA>	Issue Components Ref Perimeter Net Area
<ISSUE_COMPONENTS_RELATIVE_BOTTOM_ELEVATION>	Issue Components Relative Top Elevation
<ISSUE_COMPONENTS_RELATIVE_TOP_ELEVATION>	Issue Components Relative Top

	Elevation
<ISSUE_COMPONENTS_SHORT_NAME>	Issue Components Short Name
<ISSUE_COMPONENTS_SITE>	Issue Components Site
<ISSUE_COMPONENTS_SPACE_GROUP_TYPE>	Issue Components Space Group Type
<ISSUE_COMPONENTS_STOREY>	Issue Component Storey
<ISSUE_COMPONENTS_SYSTEM>	Issue Components System
<ISSUE_COMPONENTS_SYSTEM_TYPE>	Issue Components System Type
<ISSUE_COMPONENTS_TOPIC>	Issue Components Topic
<ISSUE_COMPONENTS_TRIANGLE_COUNT>	Issue Components Triangle Count
<ISSUE_COMPONENTS_TYPE>	Issue Component Type
<ISSUE_COMPONENTS_TYPE_NAME>	Issue Components Type Name
<ISSUE_COMPONENTS_VERSION>	Issue Components Version
<ISSUE_COMPONENTS_WALL_AREA>	Issue Components Wall Area
<ISSUE_COMPONENTS_WINDOW_AREA>	Issue Components Window Area
<ISSUE_COMPONENTS_ZONE>	Issue Components Zone
<ISSUE_DECISION>	Issue Decision
<ISSUE_DESCRIPTION>	Issue Description
<ISSUE_LOCATION>	Issue Location
<ISSUE_NAME>	Issue Name
<ISSUE_SEVERITY>	Issue Severity

Component Template Keys

Template Keys	Description
<COMPONENT_ADDRESS>	Component Address
<COMPONENT_APPLICATION>	Component Application
<COMPONENT_BAT_ID>	Component Bat ID
<COMPONENT_BEAM_AREA>	Component Beam Area
<COMPONENT_BETWEEN_SPACES>	Component Between Spaces
<COMPONENT_BOUNDING_BOX_LENGTH>	Component Bounding Box Length
<COMPONENT_BOUNDING_BOX_HEIGHT>	Component Bounding Box Height
<COMPONENT_BOUNDING_BOX_WIDTH>	Component Bounding Box Width
<COMPONENT_BUILDING>	Component Building
<COMPONENT_CEILING_AREA>	Component Ceiling Area
<COMPONENT_COLUMN_AREA>	Component Column Area
<COMPONENT_COMPOSITION_TYPE>	Component Composition Type
<COMPONENT_CONSTRUCTION_TYPE_NAME>	Component Construction Type name
<COMPONENT_DOMAIN>	Component Domain
<COMPONENT_DOOR_AREA>	Component Door Area
<COMPONENT_DESCRIPTION>	Component Description
<COMPONENT_DISPLAY_NAME>	Component Display Name
<COMPONENT_ELEMENT_TYPE>	Component Element Type
<COMPONENT_ELEVATION>	Component Elevation
	Component Elevation Difference To Next

<COMPONENT_ELEVATION_DIFF_TO_NEXT_STOREY>	Storey
<COMPONENT_ELEVATION_WITH_FLOORING>	Component Elevation With Flooring
<COMPONENT_FEDERATED_FLOOR>	Component Federated Floor
<COMPONENT_FILLED>	Component Filled
<COMPONENT_FIRERATING>	Component Fire Rating
<COMPONENT_FLOOR_AREA>	Component Floor Area
<COMPONENT_FLOW_DIRECTION>	Component Flow Direction
<COMPONENT_FUNCTIONAL_TYPE>	Component Functional Type
<COMPONENT_GEOMETRY>	Component Geometry
<COMPONENT_GLOBAL_BOTTOM_ELEVATION>	Component Global Bottom Elevation
<COMPONENT_GLOBAL_TOP_ELEVATION>	Component Global Top Elevation
<COMPONENT_GLOBAL_X>	Component Global X
<COMPONENT_GLOBAL_Y>	Component Global Y
<COMPONENT_GLOBAL_Z>	Component Global Z
<COMPONENT_GROUP>	Component Group
<COMPONENT_GUID>	Component Guid
<COMPONENT_IFC_ENTITY>	Component Ifc Entity
<COMPONENT_IFC_SCHEMA>	Component Ifc Schema
<COMPONENT_IFC_TYPE>	Component Ifc Type
<COMPONENT_IS_EXTERNAL>	Component Is External
<COMPONENT_IS_INTERIOR>	Component Is Interior
<COMPONENT_IS_RELATIVE>	Component Is Relative
<COMPONENT_LATITUDE>	Component Latitude
<COMPONENT_LAYER>	Component Layer
<COMPONENT_LONG_NAME>	Component Long Name
<COMPONENT_LONGITUDE>	Component Longitude
<COMPONENT_MATERIAL>	Component Material
<COMPONENT_MATERIAL_SCHEMA>	Component Material Schema
<COMPONENT_MODEL>	Component Model
<COMPONENT_MODEL_CATEGORIES>	Component Model Categories
<COMPONENT_NAME>	Component Name
<COMPONENT_NEAREST_SPACE>	Component Nearest Space
<COMPONENT_NUMBER>	Component Number
<COMPONENT_OBJECT_TYPE>	Component Object Type
<COMPONENT_OCCUPANT>	Component Occupant
<COMPONENT_OPERATION>	Component Operation
<COMPONENT_OPERATION_TYPE>	Component Operation Type
<COMPONENT_PHASE>	Component Phase
<COMPONENT_POSTAL_ADDRESS>	Component Postal Address
<COMPONENT_PREDEFINED_TYPE>	Component Predefined Type
<COMPONENT_PROFILE_TYPE>	Component Profile Type
<COMPONENT_PROJECT>	Component Project
<COMPONENT_REF_PERIMETER_NET_AREA>	Component Ref Perimeter Net Area
<COMPONENT_RELATIVE_BOTTOM_ELEVATION>	Component Relative Bottom ELevation

<COMPONENT_RELATIVE_TOP_ELEVATION>	Component Relative Top Elevation
<COMPONENT_SPACE_GROUP_TYPE>	Component Space Group Type
<COMPONENT_SHORT_NAME>	Component Short Name
<COMPONENT_SITE>	Component Site
<COMPONENT_STOREY>	Component Storey
<COMPONENT_SYSTEM>	Component System
<COMPONENT_SYSTEM_TYPE>	Component System Type
<COMPONENT_TOPIC>	Component Topic
<COMPONENT_TRIANGLE_COUNT>	Component Triangle Count
<COMPONENT_TYPE>	Component Type
<COMPONENT_TYPE_NAME>	Component Type Name
<COMPONENT_VERSION>	Component Version
<COMPONENT_WALL_AREA>	Component Wall Area
<COMPONENT_WINDOW_AREA>	Component Window Area
<COMPONENT_ZONE>	Component Zone

Rule Parameter Template Keys

General Intersection Rule (1)

Template Key	Description
<PARAM_AIR_TERMINAL_COMPONENTS>	Air Terminal Components
<PARAM_CASE_SELECTED_AIR_TERMINAL_AND_WALL>	Case Selected
<PARAM_CASE_SELECTED_LIGHT_AND_SLAB>	Case Selected
<PARAM_CASE_SELECTED_SLAB>	Case Selected
<PARAM_CASE_SELECTED_WALL>	Case Selected
<PARAM_CHECK_DUPLICATE>	Duplicate
<PARAM_CHECK_INSIDE>	Inside
<PARAM_CHECK_OVERLAPPING>	Overlapping
<PARAM_COMPONENT1>	Component1
<PARAM_COMPONENT2>	Component2
<PARAM_DUCT_OR_PIPE_COMP1_0>	Duct Or Pipe Components1_0
<PARAM_DUCT_OR_PIPE_COMP1_1>	Duct Or Pipe Components1_1
<PARAM_DUPLICATE_INTERSECTIONS_ARE_MAJOR>	Mark Duplicate and Inside Intersections with Critical Severity
<PARAM_HORIZONTAL_TOLERANCE>	Horizontal Intersection Tolerance
<PARAM_IGNORE_INTERSECTIONS_IN_SAME_LAYER>	Ignore Intersection in the same layer and model
<PARAM_IGNORE_INTERSECTIONS_IN_SYSTEM>	Ignore Intersection in the same system
<PARAM_INTERSECTED_COMPONENT>	Intersected Component
<PARAM_INTERSECTING_COMPONENT>	Intersecting Component
<PARAM_LIGHT_FIXTURE_COMPONENTS>	Light Fixture Components
<PARAM_MAX_PROTRUSION_AIR_TERMINAL_WALL>	Max Protrusion Air Terminal Through Wall
<PARAM_MAX_PROTRUSION_LIGHT_FIX_SLAB>	Max Protrusion Light Fixture Through

	Slab
<PARAM_MINIMUM_PROTRUSION_DUCT_SLAB>	Minimum Protrusion Through Slab
<PARAM_MINIMUM_PROTRUSION_WALL>	Minimum Protrusion Through wall
<PARAM_SLAB_COMPONENTS2_1>	Slab Components2_1
<PARAM_SUSPENDED_CEILING_SLAB_COMP>	Suspended Ceiling /Slab Components
<PARAM_TOLERANCE>	Tolerance
<PARAM_USE_DIMENSIONS_TO_DETERMINE_SEVERITY>	Use Component and Intersection Dimensions to Determine Severities
<PARAM_USE_VOLUME_TOLERANCE>	Use Volume Tolerance
<PARAM_VERTICAL_TOLERANCE>	Vertical Intersection Tolerance
<PARAM_VOLUME_TOLERANCE>	Volume Tolerance
<PARAM_WALL_COMPONENTS2_0>	Wall Components2_0
<PARAM_WALL_COMPONENTS2_3>	Wall Components2_3

Property Values Must Be from Agreed List (9)

Template Key	Description
<PARAM_ALLOWED_PROPERTY_VALUES>	Allowed Property Values
<PARAM_CASE_SENSITIVENESS>	Case Sensitiveness
<PARAM_COMPONENTS_TO_CHECK>	Components to Check

Model Should Have Components (11)

Template Key	Description
<PARAM_ALL_ROWS_MUST_MATCH>	All Rows Are Required
<PARAM_CHECK_COMPONENTS_MUST_BE_CLASSIFIED>	All components must be classified
<PARAM_CHECKING_SCOPE>	Checking scope
<PARAM_CLASSIFICATION>	Required Classification
<PARAM_DISCIPLINES>	Disciplines
<PARAM_REQUIRED_COMPONENTS>	Required components

Layer of Component Must Be from Agreed List (17)

Template Key	Description
<PARAM_ALLOWED_LAYERS>	Allowed Layers
<PARAM_CHECK_SPACE_GROUPS>	Check Space Groups

Spaces Must Have Enough Window Area (19)

Template Key	Description
<PARAM_CHECKED_PROPERTY_LIGHT_OPENING_AREA>	Light Opening Property
<PARAM_CLASSIFICATION>	Classification
<PARAM_DEFAULT_FRAME_WIDTH>	Default Frame Width
<PARAM_IGNORED_SPACES>	Ignored Spaces
<PARAM_LIGHT_OPENING_AREA>	Light Opening Areas
<PARAM_MAX_RATIO>	Maximum Ratio
<PARAM_MIN_RATIO>	Minimum Ratio

<PARAM_WINDOW_DOOR_CLASSIFICATION>	Window and Door Classification

Components Must Have Unique Identifier (21)

Template Key	Description
<PARAM_CASE_SENSITIVENESS>	Case Sensitiveness
<PARAM_CHECK_UNIQUE_VALUE>	Identifiers Must Be Unique
<PARAM_CHECKED_COMPONENT_PROPERTY>	Checked Component Property
<PARAM_COMPONENTS_TO_CHECK>	Components to Check
<PARAM_UNIQUE_AREA>	Identifiers Must Be Unique Area
<PARAM_WHITE_SPACE_ALLOWED>	Allow White Spaces

Components Must Touch Other Components (23)

Template Key	Description
<PARAM_ACCEPTABLE_GAP>	Acceptable Gap
<PARAM_ACCEPTABLE_INTERSECTION>	Acceptable Intersection
<PARAM_CHECKED_COMPONENTS>	Checked Components
<PARAM_IGNORE_BOTTOM_FLOOR>	Ignore Bottom Floor When Checking Bottom Surface
<PARAM_IGNORE_TOP_FLOOR>	Ignore Top Floor When Checking Top Surface
<PARAM_MINIMUM_COVERAGE>	Minimum Coverage
<PARAM_REQUIRED_COVERAGE>	Required Coverage
<PARAM_SURFACE_OF_CHECKED_COMPONENTS>	Surface of Checked Components
<PARAM_TOUCHING_COMPONENTS>	Touching Components

Components Must Be Connected to Spaces (25)

Template Key	Description
<PARAM_CHECK_DOORS>	Check Doors
<PARAM_CHECK_OPENINGS>	Check Openings
<PARAM_CHECK_WINDOWS>	Check Windows
<PARAM_USE_ONLY_RELATIONS>	Use only relations

Space Requirements (36)

Template Key	Description
<PARAM_CATEGORIZATION_OF_RESULTS>	Categorization of Results
<PARAM_REQUIRED_SPACES>	Required Spaces
<PARAM_SPACE_CLASSIFICATION>	Space Classification
<PARAM_SPACE_GROUPS>	Space Groups to Be Taken into Account
<PARAM_SPACE_GROUP_TYPES>	Space Group Types Taken into Account
<PARAM_TARGET_AREA_SCOPE>	Target Area Scope

Total Space Area on Each Floor (37)

Template Key	Description
<PARAM_SPACE_AREA_LIMITS>	Space Area Limits

Space Count on Each Floor (38)

Template Key	Description
<PARAM_REQUIRED_SPACE_COUNT>	Required Space Count
<PARAM_SPACE_CLASSIFICATION>	Space Classification
<PARAM_SPACE_GROUPS_CHECK>	Space Groups Check

Floor and Gross Area Analysis (111)

Template Key	Description
<PARAM_CHECK_BUILDING_FLOOR_CONSISTENCY>	Check Consistency of Building Floor Heights
<PARAM_CHECK_BUILDING_FLOOR_HEIGHTS>	Check Building Floor Heights
<PARAM_CHECK_EXTERNAL_WALL_AREA>	Check External Wall Area
<PARAM_CHECK_FLOOR_CROSS_AREA>	Check Floor Gross Area
<PARAM_CHECK_WINDOW_AREA>	Check Window Area
<PARAM_EMPTY_AREA_RATIO>	Empty Area Ratio
<PARAM_EXTERNAL_WALL_GROSS_AREA_RATIO>	External Wall Area / Gross Area
<PARAM_IGNORE_HIGHEST_FLOOR>	Ignore Topmost Floor
<PARAM_IGNORE_LOWEST_FLOOR>	Ignore Lowest Floor
<PARAM_INCLUDE_HIGH_SPACES_IN_ALL_FLOORS>	Include High Spaces in All Floors
<PARAM_MAXIMUM_FLOOR_HEIGHT>	Maximum Floor Height
<PARAM_MINIMUM_FLOOR_HEIGHT>	Minimum Floor Height
<PARAM_NET_AREA_RATIO>	Net Area Ratio
<PARAM_USE_GROSS_AREA_COMPARTMENT>	Prefer Gross Area Compartments
<PARAM_USE_GROSS_AREA_GROUP>	Prefer Gross Area Space Groups
<PARAM_WINDOW_AREA_IN_FLOOR>	Window Area in Floor
<PARAM_WINDOW_AREA_IN_BUILDING>	Window Area in Building

Space Area (132)

Template Key	Description
<PARAM_AREA_LIMITS>	Area Limits
<PARAM_CHECK_SPACE_GROUPS>	Check Space Groups
<PARAM_SPACE_CLASSIFICATION>	Space Classification

Distances Between Spaces (161)

Template Key	Description
<PARAM_CHECK_SPACE_GROUPS>	Check Space Groups
<PARAM_ROUTING_METHOD>	Routing Method
<PARAM_SPACE_CLASSIFICATION>	Space Classification
<PARAM_SPACE_REQUIREMENTS>	Space Requirements

Component Property Values Must Be Consistent (171)

Template Key	Description
<PARAM_COMPONENTS_TO_CHECK>	Components to Check

<PARAM_PROPERTIES_FOR_CHECKED_COMPONENTS>	Properties for checked components
<PARAM_SIMILAR_IN>	Similar in

Fire Walls Must Have Correct Wall, Door, and Window Types (172)

Template Key	Description
<PARAM_CHECK_OTHER_WALLS_DOORS_AND_WINDOWS>	Check Other Walls, Doors and Windows
<PARAM_FIRE_WALLS_DOORS_AND_WINDOWS>	Fire Walls, Doors and Windows

Space Group Containment (175)

Template Key	Description
<PARAM_SPACE_REQUIREMENTS>	Space Requirements

Model Structure (176)

Template Key	Description
<PARAM_ALLOW_ONLY_ONE_SITE>	Allow only one site
<PARAM_CHECK_CONTAINMENT_HIERARCHY>	Check Containment Hierarchy
<PARAM_CHECK_EMPTY_FLOORS>	Check Empty Floors
<PARAM_CHECK_FLOOR_ELEVATION>	Check Floor Elevations
<PARAM_CHECK_FLOOR_NAMES>	Check Floor Names
<PARAM_CHECK_MATERIAL_LAYERS_THICKNESSES>	Verify Material Layers Thicknesses
<PARAM_CHECK_MAX_POLYGON_NUMBER>	Check Maximum Polygon Number
<PARAM_CHECK_OPENING_DIRECTION>	Check Door Opening Direction
<PARAM_CHECK_ORPHAN_DOOR_WINDOW>	Check Orphan Doors and Windows
<PARAM_CHECK_SITE_HAS_GEOMETRY>	Check whether Site has Geometry or not
<PARAM_CHECK_SPACE_BOUNDARIES>	Check Space Boundaries
<PARAM_DIRECT_RELATION_TO_FLOOR>	Direct Relation to Floor
<PARAM_DISCIPLINES>	Disciplines
<PARAM_DOORS_WINDOWS_IN_SAME_FLOOR_AS_WALL>	Doors/Windows in Same Floor as Wall
<PARAM_MAX_POLYGON_NUMBER>	Maximum Polygon Number
<PARAM_REQUIRE_UNIQUE_IFC_GUID>	Require Unique IFC GUIDs

Escape Route Analysis (179)

Template Key	Description
<PARAM_CHECK_DOOR_OPEN_IN_DIRECTIONS_OF_ESCAPE>	Check that Doors Open in the Direction of Escape
<PARAM_CLASSIFICATION_STAIR_NAMES_FOR_ESCAPE>	Classification Names of Stairs Used for Escape
<PARAM_EXITS>	Exits
<PARAM_EXIT_CLASSIFICATION>	Exit Door Classification
<PARAM_EXIT_DOOR>	Exit Door
<PARAM_FIRE_ZONES_PRIORITIES>	Fire Zone Priorities
<PARAM_GENERAL_REQUIREMENTS>	General Requirements

<PARAM_MIN_EXIT_PASSAGEWAY_HEIGHT>	Minimum Exit Passageway Height
<PARAM_MIN_EXIT_PASSAGEWAY_WIDTH>	Minimum Exit Passageway Width
<PARAM_NO_EXIT_DOOR>	Not Exit Door
<PARAM_ROUTING_METHOD>	Routing Method
<PARAM_SECONDARY_EXIT_DOOR>	Secondary Exit Door
<PARAM_SHARED_ROUTE_LENGTH_MULTIPLIER>	Shared Route Length Multiplier
<PARAM_SPACE_CLASSIFICATION>	Space Classification
<PARAM_STAIR_HEIGHT_MULTIPLIER>	Stair Height Multiplier
<PARAM_STAIRS_FILTER>	Stairs Filter
<PARAM_STAIR_LENGTH>	Stair Length
<PARAM_USE_FILTERS>	Use Filters
<PARAM_VERTICAL_ACCESS_CLASSIFICATION>	Vertical Access Classification

Fire Compartment Area Must Be within Limits (190)

Template Key	Description
<PARAM_FIRE_COMPARTMENT_AREA_LIMITS>	Fire Compartment Area Limits

Spaces Must Be Included in Fire Compartments (191)

Template Key	Description
<PARAM_CLASSIFICATION>	Space Classification
<PARAM_SKIPPED_SPACES>	Skipped Spaces

Space Validation (202)

Template Key	Description
<PARAM_ACCEPTABLE_ERROR_IN_SPACE_PERIMETER>	Acceptable error in space perimeter
<PARAM_CHECK_UNALLOCATED_SPACE>	Check Unallocated Space
<PARAM_CHECK_BOTTOM_SURFACE>	Check Bottom Surface
<PARAM_CHECK_TOP_SURFACE>	Check Top Surface
<PARAM_INTERSECTION_COMPS>	Intersection Components
<PARAM_MAXIMUM_ALLOWED_UNALLOCATED_SPACE>	Maximum Allowed Unallocated Space
<PARAM_REQUIRED_SPACE_HEIGHT>	Required Space Height
<PARAM_RESULT_CATEGORIZATION_METHOD>	Result Categorization Method
<PARAM_TOLERANCE>	Tolerance
<PARAM_USE_VISUALIZATION_ARROWS>	Use Arrows in Visualization

Required Property Sets (203)

Template Key	Description
<PARAM_CHECKED_COMPONENTS>	Checked Components
<PARAM_PROPERTYSETS>	Property Sets

Model Comparison Rule (206)

Template Key	Description
<PARAM_CHECKED_COMPONENTS>	Checked Components

<PARAM_COMPARE_GEOMETRIES>	Geometries
<PARAM_COMPARE_LOCATIONS>	Locations
<PARAM_COMPARE_PROPERTIES>	Identifications
<PARAM_COMPARE_PSETS>	Property Sets
<PARAM_COMPARE_QUANTITIES>	Quantities
<PARAM_COMPARED_PROPERTY_SETS>	Property Sets that Are Compared
<PARAM_IDENTIFY_COMPONENTS_WITH_GUID>	Identify components only with GUID
<PARAM_NEW_MODEL>	New Model
<PARAM_NEW_MODEL_COLOR>	New Model Color
<PARAM_OLD_MODEL>	Old Model
<PARAM_OLD_MODEL_COLOR>	Old Model Color
<PARAM_PROPERTIES_TABLE>	Compared Properties
<PARAM_REPORT_COLUMNS>	Report
<PARAM_REPORTED_PROPERTIES>	Reported Properties

Accessible Ramp Rule (207)

Template Key	Description
<PARAM_ADDITIONAL_STAIR_REQUIRED>	Additional Stairs Required
<PARAM_CHECK_CONTINUOUS_HANDRAILS>	Handrails Must Be Continuous
<PARAM_CHECK_EXTERNAL_RAMPS>	Check External Ramps
<PARAM_CHECK_HANDRAILS>	Check Handrails
<PARAM_CHECK_INTERNAL_RAMPS>	Check Internal Ramps
<PARAM_ENTER_IN_GRADIENTS>	Enter Rise and Gradient
<PARAM_GRADIENT_REQUIREMENTS>	Ramp Rise and Gradient Requirements
<PARAM_HANDRAIL_SIDE>	Handrail On The Side
<PARAM_MAXIMUM_DISTANCE_TO_STAIR>	Maximum Distance to Stair
<PARAM_MAXIMUM_HANDRAIL_HEIGHT>	Maximum Height Above Ramp
<PARAM_MINIMUM_CLEAR_WIDTH>	Minimum Clear Width
<PARAM_MINIMUM_HANDRAIL_EXTENSION>	Minimum Handrail Extension Beyond Ramp
<PARAM_MINIMUM_HANDRAIL_HEIGHT>	Minimum Height Above Ramp
<PARAM_MINIMUM_HEIGHT_CLEARANCE_ABOVE>	Minimum Clear Height Above
<PARAM_MINIMUM_LANDING_LENGTH>	Minimum Intermediate Landing Length
<PARAM_MINIMUM_RAMP_WIDTH>	Minimum Width
<PARAM_MINIMUM_SPACE_BEGINNING>	Minimum Space at the Beginning
<PARAM_MINIMUM_SPACE_END>	Minimum Space at the End
<PARAM_RAMP_FILTER>	Ramp Filter
<PARAM_RAMP_REQUIREMENTS>	Ramp Requirements
<PARAM_SPACE_CLASSIFICATION>	Space Classification
<PARAM_SPACE_CLASSIFICATION_NAMES>	Space Classification Names
<PARAM_SPACE_CONTAINING_INTERNAL_FILTER>	Spaces Containing Internal Ramps

<PARAM_STAIR_FILTER>	Stair Filter
<PARAM_USE_FILTERS_FOR_VERTICAL_ACCESS_COMPONENTS>	Use filters for vertical access components
<PARAM_VERTICAL_ACCESS_CLASSIFICATION>	Vertical Access Classification
<PARAM_VERTICAL_ACCESS_RAMP_NAMES>	Classification Names for Ramps
<PARAM_VERTICAL_ACCESS_STAIR_NAMES>	Classification Names for Stairs

Accessible Door Rule (208)

Template Key	Description
<PARAM_CHECKED_PROPERTY_FRAME_THICKNESS>	Property for Frame Thickness
<PARAM_CHECKED_PROPERTY_GLAZING_RATIO>	Property for Glazing Ratio
<PARAM_CHECKED_PROPERTY_PANEL_THICKNESS>	Property for Panel Thickness
<PARAM_CHECKED_PROPERTY_THRESHOLD_HEIGHT>	Property for Threshold Height
<PARAM_CLASSIFICATION_NAMES_FOR_RAMPS>	Classification Names for Ramps
<PARAM_COMPONENTS_TO_IGNORE_IN_FREE_AREAS_OF_DOOR>	Components to Ignore in Free Surrounding Areas of Door
<PARAM_DEFAULT_FRAME_THICKNESS>	Default Frame Thickness
<PARAM_DEFAULT_PANEL_THICKNESS>	Default Panel Thickness
<PARAM_DEFAULT_THRESHOLD_HEIGHT>	Default Threshold Height
<PARAM_DOOR_CLASSIFICATION>	Door Classification
<PARAM_DOOR_DIMENSIONS>	Door Dimensions
<PARAM_DOOR_REQUIREMENTS>	Door Requirements
<PARAM_RAMP_CLASSIFICATION>	Ramp Classification
<PARAM_RAMP_FILTER>	Ramp Filter
<PARAM_REVOLVING_ACCOMPANIED_BY_SWING_DOOR>	Revolving accompanied by swing door
<PARAM_SPACE_CLASSIFICATION>	Space Classification
<PARAM_USE_FILTERS_FOR_RAMP_COMPONENTS>	Use Filters for Ramp Components
<PARAM_USE_WIDEST_PANEL_WIDTH_AS_DOOR_WIDTH>	Use widest panel width as multipanel door width

Free Floor Space (209)

Template Key	Description
<PARAM_FREE_CORRIDOR_REQUIREMENT>	Free Corridor Requirement
<PARAM_FREE_RECTANGLE_REQUIREMENT>	Free Rectangle Requirement
<PARAM_FREE_WHEELCHAIR_TURNING_CIRCLE_REQUIREMENT>	Free WheelChair Turning Circle Requirement
<PARAM_FLOOR_REQUIREMENTS>	Free Floor Space Requirements
<PARAM_FURNITURE_CLASSIFICATION>	Furniture Classification
<PARAM_FURNITURE_DISTANCE_REQUIREMENT>	Furniture Distance Requirement

<PARAM_FURNITURE_FILTER>	Furniture
<PARAM_FURNITURE_SIDE_REQUIREMENT>	Furniture Side Requirement
<PARAM_SPACE_CLASSIFICATION>	Space Classification
<PARAM_SPACE_FILTER>	Spaces
<PARAM_USE_FILTERS>	Use Filters

Accessible Stair Rule (210)

Template Key	Description
<PARAM_ALLOW_OPEN_RISERS>	Allow Open Riser
<PARAM_CATEGORIZATION_OF_RESULTS>	Categorization of Results
<PARAM_CHECK_CONTINUOUS_HANDRAILS>	Handrails Must Be Continuous
<PARAM_CHECK_EXTERNAL_STAIRS>	Check External Stairs
<PARAM_CHECK_HANDRAILS>	Check Handrails
<PARAM_CHECK_INTERNAL_STAIRS>	Check Internal Stairs
<PARAM_CHECK_RISER_HEIGHTS_FOR_EQUALITY>	Check Riser Height for Equality
<PARAM_CHECK_SLAB_CONNECTIONS>	Check Slab Connections
<PARAM_CLASSIFICATION_NAMES_RELATED_TO_INTERNAL_STAIRS>	Classification Names of Spaces Related to Internal Stairs
<PARAM_HANDRAIL_SIDE>	Handrail On The Side
<PARAM_MAXIMUM_HEIGHT_ABOVE_STAIRS>	Maximum Height Above Stairs
<PARAM_MAXIMUM_NOSING_LENGTH>	Maximum Step Nosing Length
<PARAM_MAXIMUM_RISER_HEIGHT>	Maximum Riser Height
<PARAM_MAXIMUM_STAIR_FLIGHT_HEIGHT>	Maximum Stair Flight Height
<PARAM_MAXIMUM_STAIR_FLIGHT_STEPS>	Maximum Number of Steps in a Flight
<PARAM_MAXIMUM_STAIR_HEIGHT>	Maximum Stair Height
<PARAM_MAXIMUM_TREAD_LENGTH>	Maximum Tread Length
<PARAM_MAXIMUM_TREAD_AND_RISER_SUM>	Maximum Sum of Tread and Two Risers
<PARAM_MAXIMUM_WINDER_ANGLE>	Maximum Angle for Winders
<PARAM_MINIMUM_CLEAR_WIDTH>	Minimum Clear Width
<PARAM_MINIMUM_HANDRAIL_EXTENSION>	Minimum Handrail Extension Beyond Stairs
<PARAM_MINIMUM_HEIGHT_ABOVE_STAIRS>	Minimum Height Above Stairs
	Minimum Clear Height

<PARAM_MINIMUM_HEIGHT_CLEARANCE_ABOVE>	Above
<PARAM_MINIMUM_HEIGHT_CLEARANCE_UNDER>	Minimum Clear Height Under
<PARAM_MINIMUM_LANDING_CLEAR_WIDTH>	Minimum Landing Clear Width
<PARAM_MINIMUM_LANDING_LENGTH>	Minimum Intermediate Landing Length
<PARAM_MINIMUM_RISER_HEIGHT>	Minimum Riser Height
<PARAM_MINIMUM_SPACE_BEGINNING>	Minimum Space at the Beginning
<PARAM_MINIMUM_SPACE_END>	Minimum Space at the End
<PARAM_MINIMUM_STAIR_FLIGHT_STEPS>	Minimum Number of Steps in a Flight
<PARAM_MINIMUM_TOTAL_WIDTH>	Minimum Width
<PARAM_MINIMUM_TREAD_AND_RISER_SUM>	Minimum Sum of Tread and Two Risers
<PARAM_MINIMUM_TREAD_LENGTH>	Minimum Tread Length
<PARAM_MINIMUM_WINDER_ANGLE>	Minimum Angle for Winders
<PARAM_SPACE_CLASSIFICATION>	Space Classification
<PARAM_SPACE_CONTAINING_INTERNAL_STAIRS>	Spaces Containing Internal Stairs
<PARAM_STAIR_CLASSIFICATION>	Vertical Access Classification
<PARAM_STAIR_CLASSIFICATION_NAMES>	Stair Classification Names
<PARAM_TREAD_DISTANCE>	Tread Distance
<PARAM_USE_AUTOMATIC_SEVERITIES>	Use Automatic Severities
<PARAM_USE_FILTERS_FOR_VERT_ACCESS_AND_SPACE_COMPONENTS>	Use filters for vertical access and space components
<PARAM_USE_TREAD_DISTANCE>	Use Tread Distance
<PARAM_VERTICAL_ACCESS_FILTER>	Vertical Access Filter

Accessible Window Rule (211)

Template Key	Description
<PARAM_MAX_SILL_HEIGHT>	Maximum Sill Height
<PARAM_NO_WINDOW_AT_THE_END_OF_CORRIDOR>	No Windows at the End of Corridors
<PARAM_SPACES>	Spaces
<PARAM_SPACE_CLASSIFICATION>	Space Classification
<PARAM_USE_FILTERS>	Use Filters
<PARAM_WINDOWS>	Windows
<PARAM_WINDOW_REQUIREMENTS>	Window Requirements

Building Envelope Validation (212)

Template Key	Description
<PARAM_BUILDING_ENVELOPE_ELEMENTS_AROUND_SPACES>	Building Envelope Elements Around Spaces
<PARAM_BUILDING_ENVELOPE_ELEMENTS_AROUND_SPACE_GROUPS>	Building Envelope Elements Around Space Groups
<PARAM_SPACE_COMPONENTS_TO_CHECK>	Space Components to Check
<PARAM_SPACE_GROUPS_COMPONENTS_TO_CHECK>	Space Group Components to Check

Shelf Running Metre Rule (213)

Template Key	Description
<PARAM_BOTTOM_MOST_SHELF_ELEVATION>	Bottom most Shelf Elevation
<PARAM_HORIZONTAL_SPACING>	Horizontal Spacing
<PARAM_SHELF_DEPTH>	Shelf Depth
<PARAM_SPACE_CLASSIFICATION>	Space Classification
<PARAM_SPACE_IN_FRONT_OF_DOORS>	Space in Front of Doors
<PARAM_STORAGE_AND_SHELF_RUNNING_METRES>	Storage Spaces and Shelf Running Metres
<PARAM_TOPMOST_SHELF_ELEVATION>	Topmost Shelf Elevation
<PARAM_VERTICAL_SPACING>	Vertical Spacing

Allowed Profiles Rule (215)

Template Key	Description
<PARAM_ASYMMETRIC_I_PROFILE>	Asymmetric I Profile
<PARAM_C_PROFILE>	C-Shape
<PARAM_CHECK_ALL_COMBINATIONS>	Check All Combinations
<PARAM_CIRCLE_HOLLOW_PROFILE>	Circle Hollow Profile
<PARAM_CIRCLE_PROFILE>	Circle Profile
<PARAM_CRANE_RAIL_A_PROFILE>	Crane Rail A Profile
<PARAM_CRANE_RAIL_F_PROFILE>	Crane Rail F Profile
<PARAM_ELLIPSE_PROFILE>	Ellipse Profile
<PARAM_I_PROFILE>	I-Shape
<PARAM_L_PROFILE>	L Profile
<PARAM_NON_UNIFORM_L_PROFILE>	Non Uniform L Profile
<PARAM_NON_UNIFORM_T_PROFILE>	Non Uniform T Profile
<PARAM_RECTANGLE_PROFILE>	Rectangle Profile
<PARAM_RECTANGLE_HOLLOW_PROFILE>	Rectangle Hollow Profile
<PARAM_ROUNDED_RECTANGLE_PROFILE>	Rounded Rectangle Profile
<PARAM_T_PROFILE>	T Profile
<PARAM_TOLERANCE>	Tolerance

<PARAM_TRAPEZIUM_PROFILE>	Trapezium Profile
<PARAM_U_PROFILE>	U Profile
<PARAM_Z_PROFILE>	Z Profile

Wall Validation (216)

Template Key	Description
<PARAM_ACCEPT_VOIDED_WALLS>	Accept Totally Voided Walls
<PARAM_ALLOWED_WALL_GEOMETRY_TYPES>	Accepted Wall Geometry Types
<PARAM_CHECK_WALL_AREA_CONSISTENCY>	Check Wall Area Consistency
<PARAM_CHECK_WALL_AREA_TOLERANCE>	Area Check Tolerance
<PARAM_COMPONENTS_TO_CHECK>	Components to Check
<PARAM_DIMENSIONING_REQUIREMENTS_OF_WALL>	Dimensioning Requirements of Walls
<PARAM_EXTRUSION_DIRECTION>	Accepted Extrusion Direction
<PARAM_IGNORE_OPENINGS_SMALLER_THAN>	Ignore Openings Smaller Than

Element Hole Validation Rule (218)

Template Key	Description
<PARAM_MINIMUM_DISTANCE_TO_END>	Minimum Distance to End
<PARAM_MINIMUM_DISTANCE_TO_TOP>	Minimum Distance to Top
<PARAM_PROFILE_TYPE>	Profile Type

Floor Distance (220)

Template Key	Description
<PARAM_CHECKED_COMPONENTS>	Checked Components
<PARAM_BOTTOM_TO_BOTTOM_DISTANCE_MAX>	Maximum Distance Bottom To Bottom
<PARAM_BOTTOM_TO_BOTTOM_DISTANCE_MIN>	Minimum Distance Bottom To Bottom
<PARAM_IS_BOTTOM_TO_BOTTOM_CHECKED>	Check Bottom to Bottom Distances
<PARAM_IS_BOTTOM_TO_BOTTOM_DISTANCE_EQUAL>	Equal Distances Bottom To Bottom
<PARAM_IS_TOP_TO_BOTTOM_CHECKED>	Check Top to Bottom Distances
<PARAM_IS_TOP_TO_BOTTOM_DISTANCE_EQUAL>	Equal Distances Top To Bottom
<PARAM_IS_TOP_TO_TOP_CHECKED>	Check Top to Top Distances
<PARAM_IS_TOP_TO_TOP_DISTANCE_EQUAL>	Equal Distances Top to Top
<PARAM_TOP_TO_BOTTOM_DISTANCE_MAX>	Maximum Distance Top To Bottom
<PARAM_TOP_TO_BOTTOM_DISTANCE_MIN>	Minimum Distance Top To Bottom
<PARAM_TOP_TO_TOP_DISTANCE_MAX>	Maximum Distance Top To Top
<PARAM_TOP_TO_TOP_DISTANCE_MIN>	Minimum Distance Top To Top

Wall Distance Rule (221)

Template Key	Description
<PARAM_COMPONENTS_TO_CHECK>	Components to Check
<PARAM_WALL_DISTANCE_MAX>	Maximum Wall Distance
<PARAM_WALL_DISTANCE_MIN>	Minimum Wall Distance

Component Distance Rule (222)

Template Key	Description
<PARAM_ALLOWED_MAXIMUM_DISTANCE>	Allowed Maximum Distance
<PARAM_COMPONENT_SURFACES>	Component Surfaces
<PARAM_DISTANCE>	Distance
<PARAM_DISTANCE_MIN>	Required Minimum Distance
<PARAM_HORIZONTAL_FOOTPRINT_OFFSET>	Horizontal Footprint Offset
<PARAM_MINIMUM_NUMBER>	Minimum Number
<PARAM_OVERLAPPING_PROJECTION>	Overlapping projection
<PARAM_SOURCE_COMPONENT_TO_BE_CHECKED>	Source Components to be Checked
<PARAM_SPACE_GROUP_TYPE_NAMES>	Space Group Type
<PARAM_SPACE_OR_SPACE_GROUP_CONTAINMENT>	Space or space group containment
<PARAM_TARGET_COMPONENT_TO_BE_CHECKED>	Target Components to be Checked
<PARAM_USE_DOOR_SWING_IN_DISTANCE_CALCULATION>	Use Door Swing in Distance Calculation

Structural Components Fit in Architectural Ones (223)

Template Key	Description
<PARAM_ARCHITECTURE_COMPONENTS>	Architectural Components
<PARAM_ARCHITECTURE_MODEL>	Architectural Model
<PARAM_HORIZONTAL_TOLERANCE>	Horizontal Tolerance
<PARAM_STRUCTURE_COMPONENTS>	Structural Components
<PARAM_STRUCTURE_MODEL>	Structural Model
<PARAM_VERTICAL_TOLERANCE>	Vertical Tolerance

Architectural Components Are Filled (224)

Template Key	Description
<PARAM_ARCHITECTURAL_COMPONENTS>	Architectural Components
<PARAM_ARCHITECTURE_MODEL>	Architectural Model
<PARAM_STRUCTURAL_COMPONENTS	Structural Components
<PARAM_STRUCTURE_MODEL>	Structural Model
<PARAM_TOLERANCE>	Tolerance

Number of Components in Space (225)

Template Key	Description
<PARAM_COMPONENT_CLASSIFICATION>	Component Classification
<PARAM_HORIZONTAL_TOLERANCE>	Horizontal Tolerance
<PARAM_REQUIRED_NO_OF_COMPONENTS>	Requirements
<PARAM_SPACE_CLASSIFICATION>	Space Classification
<PARAM_VERTICAL_TOLERANCE>	Vertical Tolerance

Free Area in Front of Components (226)

Template Key	Description
<PARAM_ALLOWED_COMPONENTS_FILTER>	Allowed Components Filter

<PARAM_ALLOW_FLOATING_IN_FRONT>	Check allow floating in front
<PARAM_ALLOW_FLOATING_TO_SIDE>	Check allow floating to side
<PARAM_CHECK_BOTH_SIDES>	Check Both Sides of the Doors and Windows
<PARAM_CHECKED_COMPONENTS_FILTER>	Checked Components Filter
<PARAM_FREE_AREA_DEPTH>	Depth of required free area
<PARAM_FREE_AREA_DEPTH_MAX>	Maximum free area depth
<PARAM_FREE_AREA_DEPTH_MIN>	Minimum free area depth
<PARAM_FREE_AREA_DEPTH_TOLERANCE>	Tolerance when creating the free area depth from component
<PARAM_FREE_AREA_DEPTH_TYPE>	Free area depth Type
<PARAM_FREE_AREA_HEIGHT_MAX>	Maximum free area height
<PARAM_FREE_AREA_HEIGHT_MIN>	Minimum free area height
<PARAM_FREE_AREA_HEIGHT_TOLERANCE>	Tolerance when creating the free area height from component
<PARAM_FREE_AREA_WIDTH_MAX>	Maximum free area width
<PARAM_FREE_AREA_WIDTH_MIN>	Minimum free area width
<PARAM_FREE_AREA_WIDTH_TOLERANCE>	Tolerance when creating the free area width from component
<PARAM_MAXIMUM_FLOATING_DISTANCE_FROM_COMPONENT>	Maximum floating distance from Component

Property Rule Template with Component Filters (230)

Template Key	Description
<PARAM_CATEGORIZATION_OF_RESULTS>	Categorization Of Results
<PARAM_COMPONENTS_TO_CHECK>	Components to Check
<PARAM_REQUIREMENTS>	Requirements

Comparison Between Property Values (231)

Template Key	Description
<PARAM_BOOLEAN_TARGET_VALUE>	Boolean Target Value
<PARAM_CATEGORIZATION>	Categorization
<PARAM_CHECKED_COMPONENT_PROPERTY>	Checked Component Property
<PARAM_COMPARED_COMPONENT_PROPERTY>	Compared Component Property
<PARAM_COMPONENTS_TO_CHECK>	Components to Check
<PARAM_COMPONENTS_TO_COMPARE>	Components to Compare
<PARAM_FACTOR>	Factor
<PARAM_FILTER_FOR_COMP_TO_COMPARE>	Filter for Components to Compare
<PARAM_NUMERIC_TARGET_TYPE>	Numeric Target Value Type
<PARAM_NUMERIC_TARGET_VALUE>	Numeric Target Value
<PARAM_OPERATOR_USED_IN_COMPARISON>	The Operator Used in Comparison
<PARAM_QUANTIFIER_FOR_COMPARED_COMPONENTS>	Quantifier for Compared Components

<PARAM_RELATION_CHAIN>	Relation Chain
<PARAM_RELATION_DIRECTION>	Relation Direction
<PARAM_RELATION_DIRECTION_NAME>	Relation Direction Name
<PARAM_RELATION_TYPE>	Relation Type
<PARAM_TARGET_VALUE>	Target Value
<PARAM_TARGET_VALUE_OPTION>	Target Value Option
<PARAM_TARGET_VALUE_TYPES>	Target Value Types
<PARAM_USER_DEFINED_RELATION_NAME>	User Defined Relation Name

Manual Checking Rule (232)

Template Key	Description
<PARAM_ISSUES_TO_BE_CREATED>	Issues to be Created

Allowed Beam Intersections (233)

Template Key	Description
PARAM_ALLOW_ONLY_COMPONENTS_THROUGH_BEAM>	Allow Only Components Through Beam
PARAM_ALLOWED_AREA>	Allowed Area
PARAM_CHECK_INCLINED_BEAMS>	Check Inclined Beams
PARAM_CHECKED_COMPONENTS>	Checked Components
PARAM_CLEARANCE>	Clearance
PARAM_COMPONENTS_IN_ALLOWED_AREA>	Components in Allowed Area
PARAM_CONNECTING_BEAMS>	Connecting Beams
PARAM_SHOW_ALLOWED_INTERSECTIONS>	Show Allowed Intersections
PARAM_SUPPORTING_COMPONENTS>	Supporting Components

Component Inside Component Rule (234)

Template Key	Description
<PARAM_ADJOINING_OUTER_COMP>	Adjoining Outer Component
<PARAM_CATEGORIZATION_OF_RESULTS>	Categorization of Results
<PARAM_CHECK_PROTRUSION_OF_INNER_COMP>	Check Protrusion of Inner Component
<PARAM_CHECK_PROTRUSION_OF_OUTER_COMP>	Check Protrusion of Outer Component
<PARAM_CHECK_LIMIT_OF_INNER_COMPONENTS>	Check Limit of Inner Components
<PARAM_DIMENSION_REQUIREMENTS>	Dimension Requirements
<PARAM_INNER_COMP>	Inner Component
<PARAM_INNER_COMP_COLOR>	Inner Component Color
<PARAM_MAX_AMOUNT_OF_INNER_COMP>	Maximum Amount of Inner Component
<PARAM_MIN_AMOUNT_OF_INNER_COMP>	Minimum Amount of Inner Component
<PARAM_OUTER_COMP>	Outer Component
<PARAM_OUTER_COMP_COLOR>	Outer Component Color
<PARAM_REPORT_ORPHAN_INNER_COMP>	Report Orphan Inner Component

Relative Number Rule (235)

Template Key	Description

<PARAM_COMPONENTS_IN_SET1>	Components in Set 1
<PARAM_COMPONENTS_IN_SET2>	Components in Set 2
<PARAM_COUNT_OF_COMP_SET1>	Count of Component Set 1
<PARAM_COUNT_OF_COMP_SET2>	Count of Component Set 2
<PARAM_IN_THE_SAME>	In the Same
<PARAM_NAME_FOR_COMP_SET1>	Name for Component Set 1
<PARAM_NAME_FOR_COMP_SET2>	Name for Component Set 2
<PARAM_OPERATOR>	Operator

Horizontal Components Guarded Rule (236)

Template Key	Description
<PARAM_BARRIER_COMP_FOR_CHECK>	Barrier Components for Check
<PARAM_CHECK_MEASURE_BARRIER_FROM_TOP_OF_CURB>	Check Measure Barrier from Top of Curb
<PARAM_CLIMBABLE_OBJECTS_TO_CHECK>	Climbable Objects to Check
<PARAM_DISTANCE_TO_TOP_OF_BARRIER>	Distance to Top of Barrier
<PARAM_HEIGHT_OF_CLIMB>	Height of Climb
<PARAM_LANDING_COMP_TO_CHECK>	Landing Components to Check
<PARAM_MAX_DISTANCE_TO_LANDING>	Maximum Distance to Landing
<PARAM_MAX_FALL>	Maximum Fall
<PARAM_MAX_HOR_OR_VERT_GAP_FRM_PLATFORM_TO_BARRIER>	Maximum Horizontal or Vertical Gap from Platform to Barrier
<PARAM_MAX_HOR_VERT_GAP_BW_BARRIERS>	Maximum Horizontal and Vertical Gap Between Barriers
<PARAM_MIN_BARRIER_TOTAL_HEIGHT>	Minimum Barrier Total Height
<PARAM_MIN_LANDING_WIDTH>	Minimum Landing Width
<PARAM_PLATFORM_COMP_FOR_CHECK>	Platform Components for Check
<PARAM_SIDE_WIDTH>	Side Width

Parking Rule (237)

Template Key	Description
<PARAM_AISLE_COMP_TO_CHECK>	Aisle Components to Check
<PARAM_AT_AN_ANGLE_TO_AISLE>	At an Angle to Aisle
<PARAM_BOTH_ENDS_OBSTRUCTED>	Both Ends Obstructed
<PARAM_BOTH_SIDES_OBSTRUCTED>	Both Sides Obstructed
<PARAM_CHECK_MID_SPACE_OBSTRUCTION_FREE_ZONE>	Check Mid Space Obstruction Free Zone
<PARAM_MAX_HEIGHT>	Maximum Height

<PARAM_MAX_LENGTH>	Maximum Length
<PARAM_MAX_WIDTH>	Maximum Width
<PARAM_MID_SPACE_OBSTRUCTION_FREE_ZONE_LENGTH>	Mid Space Obstruction Free Zone Length
<PARAM_MIN_HEIGHT>	Minimum Height
<PARAM_MIN_LENGTH>	Minimum Length
<PARAM_MIN_WIDTH>	Minimum Width
<PARAM_NEITHER_END_OBSTRUCTED>	Neither End Obstructed
<PARAM_NEITHER_SIDE_OBSTRUCTED>	Neither Side Obstructed
<PARAM_OBSTRUCTION_COMP_TO_CHECK>	Obstruction Components to Check
<PARAM_ONE_END_OBSTRUCTED>	One End Obstructed
<PARAM_ONE_SIDE_OBSTRUCTED>	One Side Obstructed
<PARAM_PARKING_SPACES_TO_CHECK>	Parking Spaces to Check
<PARAM_PARALLEL_TO_AISLE>	Parallel to Aisle
<PARAM_PERPENDICULAR_TO_AISLE>	Perpendicular to Aisle

Accessible Route Rule (238)

Template Key	Description
<PARAM_ACCESSIBLE_ELEVATORS>	Accessible Elevators
<PARAM_ACCESSIBLE_SPACES>	Accessible Spaces
<PARAM_MAX_ALLOWED_GAP>	Maximum Allowed Gap
<PARAM_MAX_ALLOWED_OBSTRUCTION_DEPTH>	Maximum Allowed Obstruction Depth
<PARAM_MIN_ROUTE_WIDTH>	Minimum Route Width
<PARAM_OBSTACLES_TO_CHECK_IN_ROUTE>	Obstacles to Check In Route
<PARAM_ROUTE_COMPONENTS_CHECK>	Route Components to Check
<PARAM_ROUTE_MIN_DOOR_CLEAR_WIDTH>	Minimum Door Clear Width
<PARAM_ROUTE_MIN_RAMP_CLEAR_WIDTH>	Minimum Ramp Clear Width
<PARAM_ROUTE_MIN_STAIR_CLEAR_WIDTH>	Minimum Stair Clear Width

Effective Coverage Area Rule (240)

Template Key	Description
<PARAM_AREA_PROPERTY_VALUE>	Area Property Value
<PARAM_CHECK_EFFECT_PROPAGATE_TO_CONNECTED_SPACES>	Check Effect Propagate to Connected Spaces
<PARAM_EFFECT_SOURCES>	Effect Sources
<PARAM_EFFECT_SOURCE_MULTIPLIER_VALUE>	Effect Source Multiplier Value
<PARAM_EFFECT_SOURCE_PROPERTY_VALUE>	Effect Source Property Value
<PARAM_EFFECTIVE_RADIUS>	Effective Radius
<PARAM_MIN_COVERAGE_OF_SURFACE_AREA>	Minimum Coverage of Surface Area
<PARAM_OCCLUSION_AND_BOUNDS>	Occlusion and Bounds
<PARAM_REQ_MIN_RATIO>	Required Minimum Ratio
<PARAM_SPACES_TO_CHECK>	Spaces to Check

Space Connection Rule (241)

Template Key	Description
<PARAM_DIRECT_ACCESS_TO_SPACE_B>	Direct Access to Space B
<PARAM_DIRECT_EXIT_TO_OUTSIDE_FROM_SPACE_A>	Direct Exit to Outside from Space A
<PARAM_SPACES_A_TO_CHECK>	Spaces A to Check
<PARAM_SPACES_B_TO_CHECK>	Spaces B to Check
<PARAM_TYPE_OF_DIRECT_ACCESS_TO_CONSIDER_SPACE_A>	Type of Direct Access to Consider Space A
<PARAM_TYPE_OF_DIRECT_ACCESS_TO_CONSIDER_SPACE_B>	Type of Direct Access to Consider Space B

Building Envelope Rule (242)

Template Key	Description
<PARAM_AIRWELL_COMPONENTS>	Airwell Components
<PARAM_AIRWELL_REQUIREMENTS>	Airwell Requirements
<PARAM_CHECK_AIRWELL_VALIDITY>	Check Airwell Validity
<PARAM_CHECK_RECESSES_FOR_VALIDITY>	Check Recesses for Validity
<PARAM_COMPONENTS_IN_BUILDING_ENVELOPE>	Components in Building Envelope
<PARAM_REQ_FOR_RECESSES>	Required for Recesses

Exit Access Doorway Arrangement Rule (243)

Template Key	Description
<PARAM_AUTOMATIC_SPRINKLER_PROTECTION>	Automatic Sprinkler Protection
<PARAM_BUILDING_PROPERTY_REFERENCE>	Building Property Reference
<PARAM_DOORS_INSIDE_SPACE>	Doors Inside Space
<PARAM_FLOOR_PROPERTY_REFERENCE>	Floor Property Reference
<PARAM_INCLUDE_DOORWAY_COMPONENTS_TO_CHECK>	Include Doorway Components to Check
<PARAM_INCLUDE_SPACES_TO_CHECK>	Include Spaces to Check
<PARAM_SEPARATION_MEASUREMENT_METHOD>	Separation Measurement Method
<PARAM_SPACE_PROPERTY_REFERENCE>	Space Property Reference

IDS Rule (244)

Template Key	Description
<PARAM_IDS_DEFINITION>	IDS Definition
<PARAM_IDS_UPDATE_TIME>	IDS Update Time