GRAPHISOFT®
A NEMETSCHEK COMPANY

ARCHICAD 29 (UKI) TEMPLATE GUIDE

July 2026

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Introduction

The UKI template has been developed to assist customers in the UK and Ireland by offering an out-of-the-box solution to facilitate working to recognised local standards, protocols, and workflows. Although these can be adapted to your studio's specific requirements, the template aims to produce a standard sets of drawings for various stages of the RIBA plan of works without the necessity for substantial customisation.

The template also seeks to be compatible with international approaches and while remaining compatible with Graphisoft's international (INT) template in certain key areas, to allow objects from any source to be utilised without requiring separate localised content.

This guide provides detailed information on the content of the template, its proposed use, and suggestions for further adaptation to meet specific project requirements.

Standards

The UKI template has been developed in line with recognised UK BIM standards, protocols, and workflows. The following standards and documents have been referenced in part during the development of this template:

- AEC (UK) BIM Technology Protocol For ARCHICAD v2.0
- AEC (UK) Protocol for Layer Naming v4.1
- BS 1192:2007 Collaborative production of architectural, engineering and construction information - code of practice (+A2:2016)
- BS EN 1990 Basis of structural design
- BS EN 1505:1998 Ventilation for buildings - Sheet metal air ducts and fittings with rectangular cross section - Dimensions
- BS EN 1506:2007 Ventilation for buildings - Sheet metal air ducts and fittings with circular cross-section - Dimensions
- ISO 128-1:2003 Technical drawings — General principles of presentation
- ISO 128-23:1999 Technical drawings — General principles of presentation — Part 23: Lines on construction drawings
- ISO 13567-1:2017 Technical product documentation - Organization and naming of layers for CAD
- ISO 19650
- RAL Colour Standard
- Protection from falling, collision and impact: Approved Document K
- Uniclass 2015

See the following sections below for further details on where these documents have been referenced.

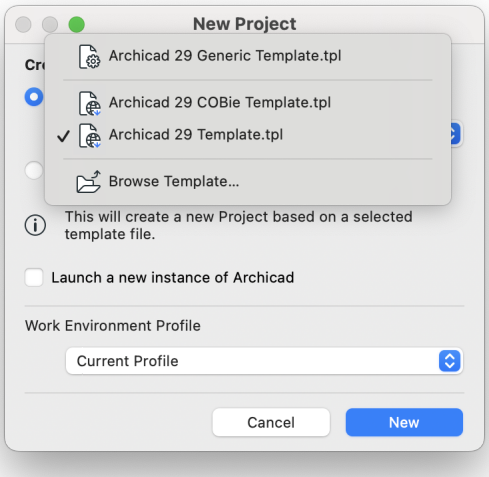
This template and its documentation are provided for guidance only; it is still the responsibility of users of Archicad and the template to ensure that applicable standards and regulations are adhered to.

Online Template Delivery

A template can be selected when creating a project from the New Project dialog.

The *Generic* Archicad template is installed as part of the default installation and corresponds to the standard international (INT) template without any local customisations.

The localised templates are hosted online and automatically downloaded when launching Archicad with an internet connection. You do not need to download or locate the templates manually. The default UKI template (Archicad 29 Template.tpl) will be selected when creating a new project the first time launching Archicad, except in cases where an internet connection has not been available.



Online delivery allows any changes or updates to be made available much more quickly without waiting for new Archicad versions or updates to be released. Archicad checks and downloads any updates to the templates automatically when connected to the internet.

When using an online template for projects containing multiple files, it is recommended to save a project-specific copy of the template for use across each project file. This will help ensure consistency in case the online templates are updated during the delivery of the project.

Project Preferences

The Project Preferences provide a set of standards and working methods specific to the project and its location.

WORKING UNITS

Working Units control the values displayed in dialog boxes and during input (e.g. in the Tracker and the Control Box palette).

Linear dimensions are in millimetres, and areas and volumes in metres with 2 decimal places for typical local standards.

DIMENSIONS

The Dimensions preferences affect the dimensions and their units as displayed in the project and exported drawings and documentation, including values displayed in the dimension tools, zone stamps, fill text, markers, symbol labels (not autotext labels), and fundamental element parameters in schedules.

The UKI Template includes 3 predefined Dimensions preferences:

- Millimetres (with levels and areas given in m and m²)
- Metres
- Imperial

Naming includes a two-digit numeric prefix followed by a description in accordance with recommendations given in *AEC (UK) BIM Technology Protocol For ARCHICAD v2.0*. The non-mandatory "ProjectPref" tag has been omitted to reduce the length of the naming, avoid truncation, and aid quick selection of the preferences.

Dimensions preferences are included as part of Views' settings, so the display of dimensions can be controlled on a drawing-by-drawing basis if required. All predefined Views use "01-Millimeter" by default as per typical local requirements. Also see View Map.

Note: the *thousands* separators (i.e. commas) appearing in large numbers are controlled through the operating system, not within Archicad.

CALCULATION UNITS

Calculation Units control the display of calculated values in schedules and autotext labels and are used in all schedules and annotations where relevant. The Calculation Units are displayed in metres by default and should be customised based on project requirements.

CALCULATION RULES

Use these settings to control certain elements and components calculations in schedules.

The *Special Skins in Elements* settings define which building materials (components of composite elements) should be recognized as "insulation" or "air fill" for listing purposes. The building materials included in the UKI template have been defined accordingly. These settings should be updated to accommodate any changes to the Building Materials during usual project workflows.

The *Ignore element holes…* settings specify which holes are subtracted from elements' areas and volumes based on the holes' dimensions, affecting the *"conditional"* area and volume parameters in schedules. These calculations and conditional values are dependent on the standards being used (NRM, SMM7, CESMM, POMI…). The UKI template therefore makes no assumptions on the requirements for conditional calculations of areas and volumes, and the Calculation Rules should be updated to reflect your project requirements.

ZONES

The Zones preferences define how zones are calculated in zone lists. These settings have not been customised in the UKI template but should be to meet project requirements if the *"calculated area"* fields are scheduled.

REFERENCE LEVELS

The Reference Levels preferences provide two additional reference levels alongside the project zero level and sea level. These are project specific and should be customised where required.

Caution is advised when using negative values for levels, which may not be compatible with some library parts used for level referencing.

STAIR RULES AND STANDARDS

The Stair Rules and Standards preferences control the availability of rules for the stair tool across the project. Any item that is set to be hidden in the preferences will not appear in the *Rules & Standards* panel of stair settings, provided that the rule is not in use.

In alignment with Approved Document K, rules for minimum and maximum riser heights, goings, and "2 riser + 1 going" have been enabled in the UKI Template and are available in the stair settings.

These settings may need to be adjusted depending on the project type and location.

STRUCTURAL ANALYTICAL MODELS

The default settings are compliant with BS EN 1990 Basis of structural design standard.

ROUTE SPECIFICATIONS (MEP)

The Route Specifications preferences define dimensions for duct, pipe, and cable carrier routing in your MEP model. The following are included in the UKI Template:

Ducts

- EN1505/EN1506

Pipes

- Carbon Steel
- Copper EN 1057
- Multilayer Composite
- Sewage Inside
- Sewage Outside
- Stainless Steel

Cable Carrier sizes

Additional standards should be added to the Route Specifications as required for use in the relevant MEP tools.

LOCATION SETTINGS

The default time zone is Greenwich Mean Time and default location is London (Uxbridge). These settings should be updated to the project's location.

North corresponds to 90° (up the screen/page) as per typical drawing conventions. Adjust this to the project's orientation if required.

The Survey Point should be configured to the project's requirements for coordination.

Attributes

Archicad's attributes are groups of defined settings that control the appearance and behaviour of elements in the model. They include settings to control 2D representations (e.g. Line Types, Pens, Fills…), 3D structures and their appearance (e.g. Complex Profiles, Composites, Surfaces…), and the operation of the building (e.g. Zone Categories, Operation Profiles, MEP Systems).

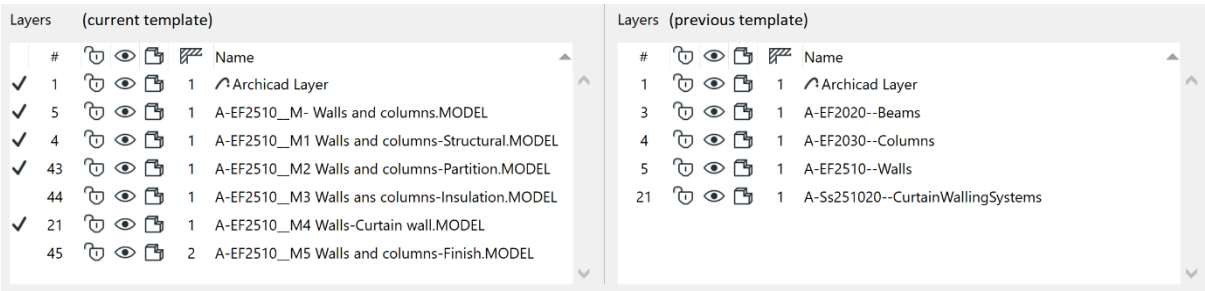
The attributes in a project determine the options available when using Archicad's tools, affecting the display of the resulting model and its drawing output. It is recommended that the attributes are consistent across all files in a project, with consistent attribute IDs.

The UKI template includes a customised set of attributes, as detailed below, but this is expected to be further refined to suit your studio's projects and requirements.

LAYERS

The list of Layers is centred around the preparation of various documentation sets for output and, rather than focussing on specific Archicad tools, it establishes a structure for controlling the visibility of elements depending on the intent and detail level of each drawing.

Earlier versions of the template included numerous layers based on each type of tool, which are now combined to an extent for simplicity. For example, there were previously separate layers for beam, column and wall elements, which have been replaced with the *Walls and columns* layer (including beams that are supporting walls). A generic layer (*A-EF2510__M- Walls and columns*) is provided for early design stages or where the model and output is relatively simple, with further detailed layers specifically designated to structural wall elements, partitions, insulation, and finishes, where modelled separately.



The layers are also extended for documentation tools to group elements intended for different presentations. For example, specific layers enable the display of the appropriate annotations, separated into each set of documentation, including site plan, GA, details, and RCP annotations.

Take care to select the appropriate layer when modelling, drawing or annotating in Archicad, to ensure quick and consistent drawing output. The layers are divided into subfolders creating logical groups to assist with browsing the list, with the layer extension also used for this purpose. Also see Favourites to assist with layer selection.

The set of layers included in the template should be considered a starting point and you are encouraged to simplify the content, customise it further, and introduce additional layers considering the project typology and your studio's requirements.

The layers are named in accordance with *AEC (UK) Protocol for Layer Naming v4.1* in the following format:

> **Role:** one or two characters defining the discipline, in alignment with BS1192:2007+A2:2016 and ISO13567. In this template, the architectural layers are prefixed with A (architects), whilst layers for reference data are prefixed with the discipline code depending on the originator of the data; G

(surveyors/GIS), L (landscape architects), M (mechanical engineers), and S (structural engineers). Where the prefix is a single character, a hyphen represents the second character.

Classification: eight characters identifying the content of the layer corresponding to the Uniclass 2015 system. Underscores are used where the classification requires fewer than 8 characters.

For more information on the classifications, see Uniclass, delivered by NBS (thenbs.com).

Note that the additional underscores within the code have not been used in the UKI template (e.g. Zz_35_40_80 Structural grid is reduced to Zz354080).

Presentation: one character indicating the type of data associated with the layer to comply with BS1192:2007+A2:2016, followed by a single numeric character as required.

Description: a description of the layer, corresponding to the Uniclass 2015 definitions where possible.

View: non-mandatory and omitted from the UKI template.

If your studio has a different naming convention, then this can be incorporated in place of the above.

Note that the Archicad Layer is a special layer that cannot be deleted, hidden or locked. It is not recommended to place elements on the Archicad Layer as the elements' visibility cannot be controlled. The exception is information on the Layouts that should always be visible, e.g. drawings and title blocks.

Also see Layer Combinations.

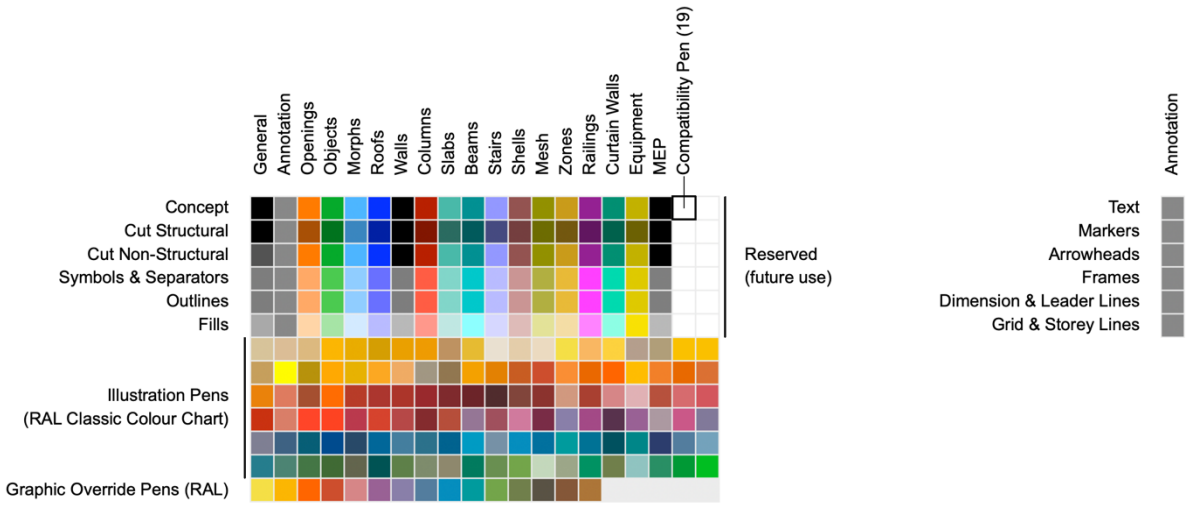
LINES

Line types have been kept consistent with *ISO 128-23:1999 Technical drawings — General principles of presentation — Part 23: Lines on construction drawings*.

PENS AND COLOURS

The first six rows of the pen tables are reserved for Archicad tools providing consistent mapping of pen colours and weights across the project. Each of these rows is mapped to a different function giving full control over pen weights, e.g. bold cut lines around structural elements and very fine pen weights for fill patterns.

Each column of pens in this section of the pen table represents an element type. The *working* penset colour codes elements based on their element type to assist with identification, selection and editing. The pens are displayed as black in *print* pen sets for drawing output, and grey in the MEP pen sets, which show only the MEP elements with black pens.

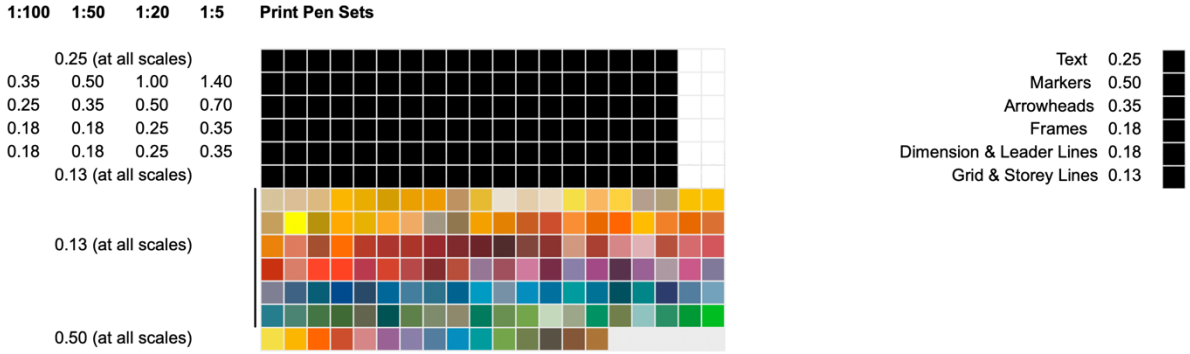


The second column of pens deviates from this structure somewhat and is reserved for all annotations instead of specific element types. Pens are included for text, markers, arrowheads, frames, dimension and leader lines, and grid and storey lines.

Rows 7-12 of the pen table provide a selection of RAL colours for illustration and graphical presentation, and the final row of pens reserved for Graphic Overrides, providing a contrasting selection of RAL colours to visually highlight or colour-code elements for documentation or QA purposes. Also see Graphic Overrides.

For compatibility, pen 19 should be left white as it's been used historically as a background colour in some library parts.

Multiple *print* pen sets are provided for output at different scales, with pen weights adjusted for drawings and documentation at 1:5, 1:20, 1:50 and 1:100 scales.



For the element-based pens in the top 6 rows, the weights are adjusted according to the context and scale. The boldest pens represent cut lines for structural elements (e.g. 0.35mm at 1:100), finer weights for non-structural cut lines (0.25mm at 1:100), and even finer line weights for outlines and symbol lines (0.18mm at 1:100). Fill pens are 0.13mm weight at all scales for consistency.

The *outlines* for MEP elements are bolder in the MEP pen sets, matching the *cut structural* pen weights.

Pen thicknesses comply with ISO 128 for general principles of graphical presentation in technical drawings.

Also see Pen Sets.

FILLS

The Fills have been kept aligned to the international (INT) template to ensure compatibility where they have been used in objects. There has been some renaming to make the type of fill clearer and to align more closely with local terminology. The number of fills has also been consolidated for a more concise set of attributes.

Fills relating to Building Materials' cover fills (e.g. brick and block cover fills) are customised to standard local dimensions.

Fills have been arranged into the same folder structure as Surfaces and Building Materials where possible.

Care should be taken when importing attributes, including from other projects and from the Additional Surface Catalogs, to avoid inconsistencies and unnecessary duplicated attributes. Also avoid deleting fill types that are used in objects' default settings to avoid *MISSING* attributes. Also see Views and Find & Select.

SURFACES

To ensure compatibility the standard international (INT) template, Surfaces have been retained, with new ones added, and some modified to local standards (e.g. Brick appearances to BS EN 771-1:2011). Some surfaces

have been renamed to suit local naming conventions, improve descriptiveness, and without prefixes to reduce naming length.

Surfaces use pen 101 (generic fill) for the display of their associated cover fills, displaying the fills with a finer weight pen than the elements' outlines.

When creating or importing surfaces, including from the Additional Surface Catalogs, ensure their associated textures and cover fills have the correct dimensions, are consistent, and avoid unnecessary duplicated attributes.

BUILDING MATERIALS

The standard Building Materials have been retained from the international (INT) template, with some renaming. This list has been extended to try and cover standard building materials in use.

Building Materials use pen 101 (generic fill) for the display of cut fill foregrounds and pen -1 (background) for cut fill backgrounds.

The intersection priorities have been adjusted to assist with priority-based connections between elements.

COMPOSITES

While the included Composite structures reflect UK requirements, there has been no attempt to create a definitive list and these composites should be seen as examples.

You should consider adding any structure types commonly used across your projects into your own studio's template. Project-specific structures can otherwise be created project by project.

COMPLEX PROFILES

The Complex Profiles in this template should be viewed as examples of what can be achieved and do not represent a definitive list. As with composites, you should update your own template based on your studio's requirements.

ZONE CATEGORIES

An extensive list of Zone Categories has been created, all of which have their Uniclass 2015 reference added. These can be customised as required.

OPERATION PROFILES

The operation profiles are consistent with the international (INT) template and have not been customised.

MEP SYSTEMS

The operation profiles are consistent with the international (INT) template, customised to the pens and surfaces included in the UKI template.

Data Management

Archicad offers a flexible way to classify elements according to national or company standard classification systems. This is fundamental to associate properties to elements and map data for IFC import/export.

CLASSIFICATIONS

The UKI template uses the default current Archicad classification system (*Archicad Classification - v 2.0*) at both the element and component levels. These classifications are utilised to enable the appropriate properties for elements and components, and also to map elements to IFC types.

Additional classification systems can be downloaded from the BIM Content Packages page of the Graphisoft website where needed. (See the Classification Manager dialog.)

Note that the COBie version of the template additionally includes the Uniclass classification system.

PROPERTIES

The UKI template contains basic building industry properties used in the UK and Ireland. They are used to control and display element data through the use of annotations, schedules, and IFC coordination. Properties can be assigned at both the element level and the material (component) level.

The properties implemented in the UKI template include:

- Essential Element Properties: generic element properties including references, IDs, ratings, finishes and types.
- Windows & Doors: additional properties specific to window/doors for inclusion in schedules.
- Materials: names, descriptions and costs for material-specific data.

Any further properties required in your studio's output can be added to your own customised template.

IFC TRANSLATORS

The UKI template includes a concise list of IFC translators for common import and export requirements.

Translators for import:

- General IFC Import: elements are imported as native construction and MEP elements where possible, otherwise imported as Objects. Layers are created with "IFC" extension.
- Revit MEP Import: as above but layers contain "Revit MEP" extension.
- Revit Structure Import: as above but layers contain "Revit Structure" extension.
- Tekla Structures Import: all elements are imported as Morphs, to avoid coordination issues with attributes and library management. Layers are created with "Tekla" extension.

Translators for export:

- IFC2x3 Export: general IFC2x3 export for coordination (reference). All elements are exported with BREP geometry, representing element geometry with intersections, connections and SEO operations.
- IFC4 Export: general IFC4 export for reference. As above, elements are exported with BREP geometry.
- Solibri Export: export for Solibri for model checking, containing extruded/revolved geometry, along with Archicad and IFC data.

The translators do not necessarily provide a "one size fits all" solution to model and data exchange and should be customised based on the requirements of your studio and other project stakeholders.

DWG TRANSLATORS

DWG Translators form part of the standard installation and not Archicad project templates. However, these should still be customised as required according to your studio's required output.

Display Options

The display options control the visibility of elements and subcomponents, their level of detail, and visual effects. They control the display of the model and drawings on-screen, in views and drawing output.

In the UKI template, the naming and numbering of preconfigured display options correlated to the Views they affect. See View Map for more information.

LAYER COMBINATIONS

The UKI template includes an extensive list of layer combinations controlling the visibility of elements, filtering the content being displayed to correspond to drawing output at different design stages and to adapt the output to the type of drawing.

All architectural layers are set to intersection group number 1 to enable element intersections between different layers. The exception is layer *A-EF2510__M5 Walls and columns-Finish* in group number 2, preventing finishes from intersecting with structural elements when modelled separately. Separate intersection groups (3 to 6) are used for each external reference source. The intersection groups are consistent across Layer Combinations.

The Layer Combinations reflect the most commonly used deliverables of project documentation and are in line with *AEC (UK) BIM Technology Protocol For ARCHICAD v2.0*.

The following naming convention is used:

> **Role:** e.g. "A" to denote architectural drawings, and "M" to represent mechanical engineers' drawings.
>
> **Number or classification:** the ID of the corresponding View(s) referring to the layer combination.
>
> **Description:** the name or function of the Layer Combination and View(s).

Each field is separated with a hyphen. However, unlike the guidance in *AEC (UK) BIM Technology Protocol For ARCHICAD v2.0*, CamelCase has not been included for better legibility.

Each Layer Combination's number corresponds to the exact Views referencing it, e.g. the *A-44-RCP* layer combination is used by the *44-RCPs* cloned folder in the View Map.

A further Layer Combination, *00-All layers*, displays all layers with the exception of any "hidden" layers, and is not intended for output. It shows all model and drawing information while working and is used by the *Generic Working* views.

Also see Layers.

PEN SETS

The UKI template includes a *Working* pen set, 4 general *Print* pen sets, and 2 *MEP* pen sets.

The *Working* pen set colour-codes elements dependant on their Archicad element type to assist with identification, selection and editing. The *Print* and *MEP* pen sets display elements with black pens and use weights adjusted according to the corresponding drawing scale. Also see Pens and Colours.

The naming of the Pen Sets conforms with AEC (UK) BIM Technology Protocol For ARCHICAD v2.0:

> **Number:** sequential two-digit numeric prefix. The *Working* pen set is prefixed with 00 (consistent with the other *Generic Working* display options) and following pen sets numbered sequentially from 01.
>
> **Description:** a description of the pen set; either "Working", "Print", or "MEP" followed by the intended scale where applicable.

Each field is separated with a hyphen. The non-mandatory *Role* and *"Penset"* tag fields have not been included to reduce the length of the name and avoid truncation. Unlike the guidance in *AEC (UK) BIM Technology Protocol For ARCHICAD v2.0*, CamelCase has not been used for better legibility.

MODEL VIEW OPTIONS

Model view options (MVOs) affect the display of construction elements and GDL objects throughout the project.

The UKI template includes MVOs to control the output display at different design stages, for different drawing types and for external coordination. The naming follows guidance in *AEC (UK) BIM Technology Protocol For ARCHICAD v2.0*:

> **Number:** two-digit numeric prefix. Unlike the guidance, the prefix is not sequential in the UKI template and instead follows the numbering convention from the View Map.
>
> **Description:** a description of the MVO/corresponding Views.

Each field is separated with a hyphen. However, unlike the guidance in *AEC (UK) BIM Technology Protocol For ARCHICAD v2.0*, CamelCase has not been used for better legibility. The non-mandatory *Role* and *"ModelView"* tag text fields have not been included to reduce the length of the name and avoid truncation.

The prefix number and name either matches a top-level folder in the View Map (e.g. *40-Technical design*) or is customised in more detail for specific views within the folder (e.g. *44-RCP*). The *00-Working* MVO avoids filtering construction elements' detail while working in the project and is not intended for output.

GRAPHIC OVERRIDES

Use Graphic Overrides (GOs) to apply a predefined appearance to model elements to convey information graphically. The Graphic Override Rules define criteria to determine which elements are affected by the override, and the style of the override to be applied, including changes to their pen colours, fills, and surfaces.

Graphic Overrides included in the UKI template serve a number of purposes:

- To hide construction detail in early design stages (e.g. to display cut fills as a solid fill type).
- To control the resulting appearance where multiple elements are overlayed (e.g. where slab cover fills (floor finishes) obscure zone category colours).
- To highlight elements based on their associated data (e.g. fire ratings).
- For QA purposes, to highlight modelling inconsistencies or missing information.

The following naming convention is used for Graphic Overrides:

> **Number:** two-digit numeric prefix, following the numbering convention from the view map. Graphic Overrides for QA purposes are instead prefixed with "QA" followed by a sequential two-digit number and are grouped with the same number where forming part of the same check.
>
> **Description:** a description of the Graphic Overrides/Views.

RENOVATION FILTERS

The Renovation Filters provide visual feedback on the status of each element at a particular stage of a renovation project based on their renovation statuses. Renovation Filters contain a number of display settings for each revision status along with options to apply preset graphic overrides. Note that Graphic Override Combinations take priority over Renovation Filters. Also see Graphic Overrides.

The default renovation status is *"new"* when placing an element. When working with existing buildings, use the renovation palette to choose the relevant status for the next elements placed.

The naming follows guidance in AEC (UK) BIM Technology Protocol For ARCHICAD v2.0:

Number: sequential two-digit numeric prefix. As the Renovation Filters are used during different design stages and across all views, the numbering system does not correlate to the structure of the View Map.

Description: a description of the Renovation Filter/Views.

Each field is separated with a hyphen. However, unlike the guidance in *AEC (UK) BIM Technology Protocol For ARCHICAD v2.0*, CamelCase has not been used for better legibility. The non-mandatory "Renovation" tag text field has not been included to reduce the length of the name and avoid truncation.

Use the "*All override*" renovation filter to show all elements and check the renovation status for each element has been set as expected. Pay particular attention to elements migrated from Archicad 14 or before, projects with hotlinks migrated from versions prior to Archicad 18, and to elements imported from other file formats that do not have translators (e.g. Sketchup, STL, etc.).

DESIGN OPTIONS

Design options are project-specific and should be configured to your project requirements. Also see View Map.

FLOOR PLAN CUT PLANE

The Floor Plan Cut Plane is set to 1100mm. Views can retain different Floor Plan Cut Plane settings as required.

Project Structure

STOREY SETTINGS

The storeys should be customised according to project specific requirements.

Storey numbering and naming complies with ISO 19650 with numbering set to two-digit coding.

PROJECT MAP

The template includes a single section (S-01) and single elevation (E-01) viewpoint, positioned and aligned towards the Archicad zero point. Additional sections and elevations will be numbered sequentially. Update the naming and numbering format as required.

Two independent worksheets have been included in the template for the location plan and site survey drawings. Further worksheets should be created for any other reference data.

Basic schedules and lists have been included to address listing and scheduling of openings, FF&E, zones, walls and finishes. Again, these should be customised and fine-tuned to your own requirements.

The template does not include any default interior elevations, details or 3D documents.

VIEW MAP

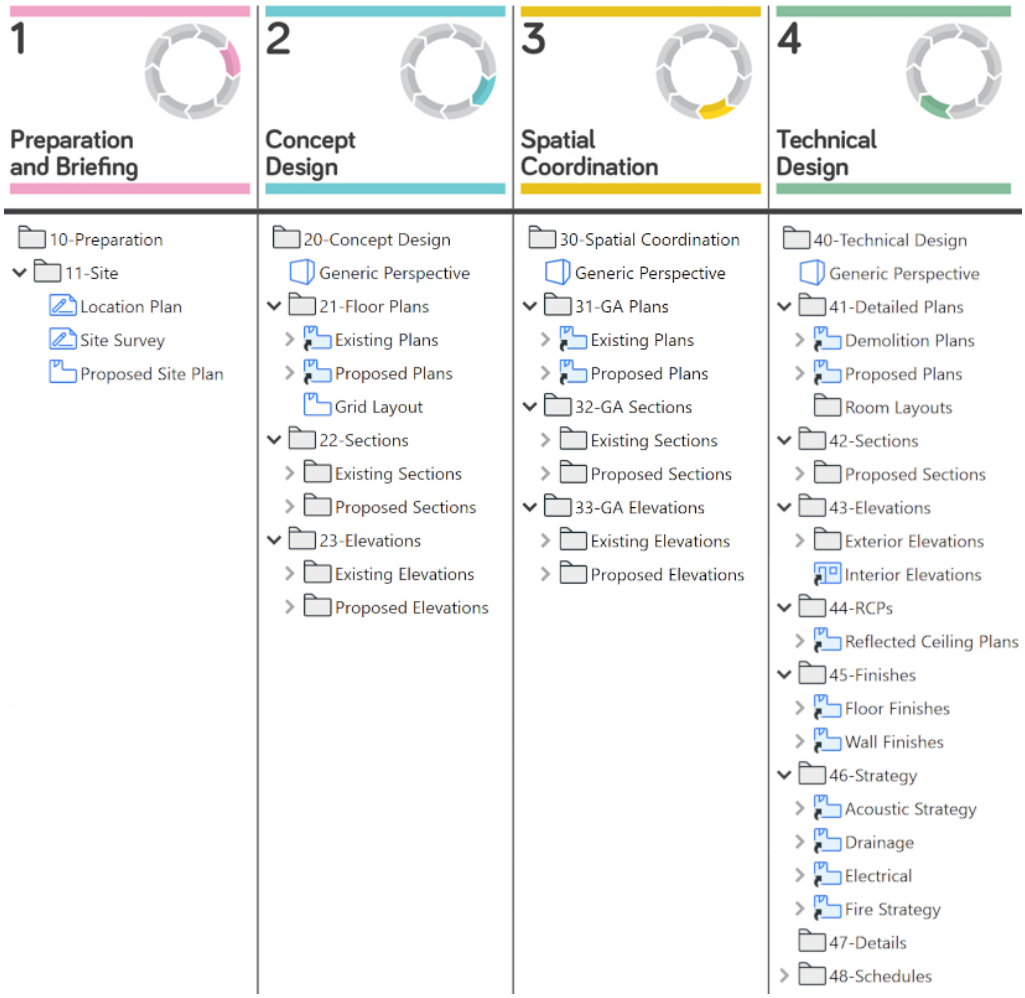
The View Map is structured around drawing production through the RIBA Plan of Works, with additional folders for data exchange and QA processes. It is organised into the following sections:

> Generic Working (00): not intended to be used for output, instead aiding the design and modelling processes by displaying all layers and avoiding elements from being otherwise filtered or overridden. The Views' associated display options all share the 00 prefix.
>
> Drawing Production (10-40): organised around the RIBA Plan of Works with distinct folders for each stage (stages 1-4). Each of these folders contains a set of Views to create a basic set of drawing output appropriate for that RIBA stage.
>
> Coordination and Export (50): Views for export to BIMx and IFC to assist with consistent model export. This folder also contains the Project Indexes.
>
> Visualisation (60): reserved to save any Views for rendering and visualisation purposes.
>
> QA: Views for model checking and data validation purposes intended for internal QA processes, highlighting issues found graphically. The QA Views included in this template assist in checking for consistency in layers and classifications used, missing properties, design options and attributes, and static (non-associative) labels and dimensions. Also see Find & Select.

The *drawing production* Views focus on the actions and deliverables of the given stage, effectively providing three levels of detail and styles of drawing output, as well as the site drawings. Drawing output will likely contain views from multiple folders, e.g. a site plan from the *10-Preparation* folder along with floor plans, sections and elevations from the *30-Spatial Coordination* or *40-Technical Design* folders.

This generic approach referring to the Plan of Works should provide an easy to use and comprehensible structure for the View Map rather than aligning highly variable company-specific folder hierarchies and drawing series. The naming of the folders, views and associated display settings can be customised further to align with your own deliverables.

The naming of the View Map's top-level folders is in the following format:



Number: two-digit numeric ID, with the first digit conforming to the RIBA Plan of Works stage for drawing production Views. The subfolders are then numbered sequentially (e.g. 21, 22…)

Description: a description of the set of Views or name of the design stage.

The View Map includes a combination of individually saved Views and Cloned Folders. Cloned Folders have been used for storeys (floor plans, RCPs) and interior elevations to automatically create a View of each new viewpoint in the model (i.e. Views are automatically added when creating a new storey or Interior Elevation). This methodology promotes consistency between drawings.

Cloned Folders have not been used for other types of viewpoint, such as sections and elevations, which are instead individual views. This gives full control over the inclusion of each View for each design stage and avoids additional unnecessary Views in the list, especially when creating viewpoints for model checking.

The structure of the View Map should be updated depending on your preference of Cloned Folders or individual Views. If your inclination is towards Cloned Folders then a quick method to introduce these is to open a single saved View (and therefore activate its display settings) and immediately create a cloned folder using these same settings. If deleting any Views then remember to relink the Drawings on the Layouts if needed.

The views included in this template use the following scales:

20-Concept Design:
- All Views 1:100

30-Spatial Coordination:
- All Views 1:100

40-Technical Design:

- Floor Finishes, Wall Finishes, Acoustic Strategy, Fire Strategy 1:100
- Interior Elevations 1:20
- All other Views 1:50

It is expected that the scales are changed to reflect the size of the project and layouts used.

The UKI template does not include any predefined Design Options, as these are project-specific and should be created as required during the design process. All default Views are therefore displayed using the *Main Model Only* display setting.

Where your projects have a requirement to produce output from multiple Design Options, copy Views or folders as needed. You can *duplicate* Views through the right-click context menu, or by dragging a copy (holding the Ctrl/Option key). The duplicated Views' settings can then be updated to display relevant Design Options.

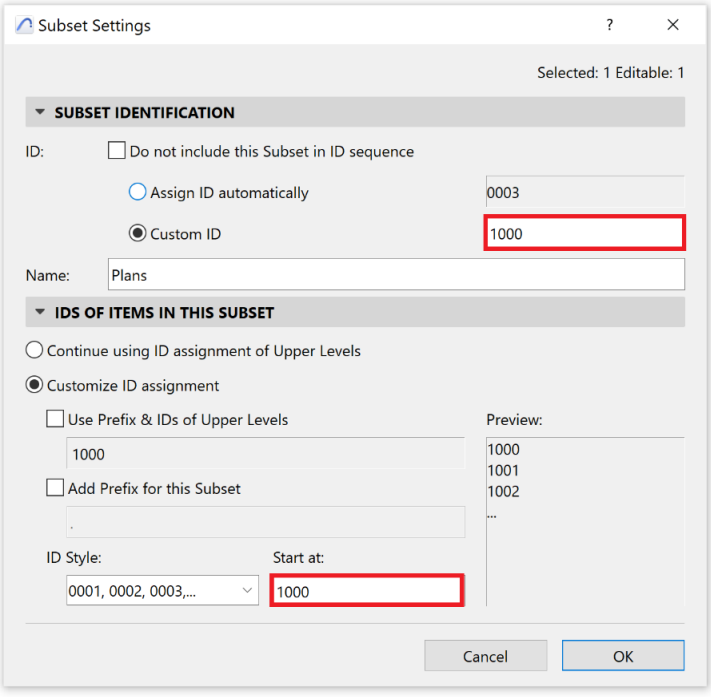
For a full overview of the default structure of the view map, see Appendix 1: View List.

The *View List* in the Project Indexes can assist in checking the display settings of each View, help locate inconsistencies, and update the Views' display settings. Where Cloned Folders are being used it is advisable to update the settings of the entire Cloned Folder in the Navigator. Otherwise, changing the setting of one such View from a Cloned folder, either in the View Map or through the project indexes, will result in overridden display settings for the individual Views, potentially resulting in inconsistent output.

LAYOUT BOOK

Whereas the structure of the View Map is detailed and comprehensive, the default layout book is minimal providing an example folder structure and a few layouts only. The structure of the Layout Book should be developed further according to your studio's workflows and drawing series. The folder hierarchy included in the template aims only to serve as an example due to the highly variable drawing series between different studios.

The Layout Book contains initial sheets for site plans and concept stage output, with drawings linked from the *10-Preparation* and *20-Concept Design* folders in the View Map. It is advised to include the Layouts typically included in the first transmittal in your template, with additional Layouts created as required. This approach,



rather than including a full set of Layouts in the template, assists with use of Archicad's change management tools.

Each subset folder has an example drawing series number with its contained layouts numbered sequentially based on the order of the layouts as seen in the subset. (Avoid reordering the Layouts after publishing!) To update the drawing series number of a subset, open its *Subset Settings* and change both the ID (for the subset folder's ID) and *"start at"* number (for the layouts' IDs).

Drawing numbering complies with ISO 19650 and forms part of the title block and document naming on export. Autotext has been used wherever possible. Also see Title Blocks and Publisher Sets.

PUBLISHER SETS

The Publisher Sets specify sets of documents to be exported, their file formats, the publishing location, and document naming options. This enables automated file and document communication such as PDF, DWG and IFC exchange workflows with consistent use of translators.

The *DWG* and *PDF* Publisher Sets include a shortcut to the entire layout book hierarchy, so all Layouts are therefore automatically included in these Publisher Sets. The "*sets to output"* button in the Navigator can be used to filter the export to include only the current transmittal or current selection.

The template includes two versions of the *PDF* and *DWG* Publisher Sets with different drawing naming conventions. The *"01 PDFs"* and *"02 DWGs"* Publisher Sets use a short naming convention consisting only of the project code, layout ID and revision ID, whereas the *"05 PDFs ISO19650"* and *"06 DWGs ISO19650"* Publisher Sets use naming compliant with ISO 19650, also corresponding to the drawing numbering in the title block. See Title Blocks.

Autotext fields automate the drawing naming without manual input. Use *"rename items"* from the right-click context menu to update the naming convention used, using a combination of static text and autotext fields. Note that the "Insert Autotext" drop-down is not exhaustive, and other autotext fields can be manually entered.

The *IFC* Publisher Set includes the appropriate 3D view and exports with the IFC2x3 Export (BREP) translator. Update as required.

The *BIMx* Publisher Set includes the BIMx 3D View, as well as shortcuts to each layout subset folder, but does not include a shortcut to the entire Layout Book. (The transmittal sheet is therefore excluded.) Any new subsets created in the Layout Book must therefore be added to the BIMx Publisher Set to be included in the exported BIMx files. Use the Organiser palette to either add shortcuts to these subsets or manually drag across layouts/folders without creating shortcuts.

PROJECT INDEXES

Example Project Indexes are included to document Views, Layouts, Changes and Transmittal Sets.

Usability

TOOL DEFAULT SETTINGS

All Archicad tools' default settings have been configured to align with the template's attributes. Each tool maintains its own distinct default settings, including the layer (with the exception of some of the 2D documentation tools, where the *Uniform Settings for Line Tools* option is active).

The default settings of the design tools are set to a simple, concept level of detail, with a basic structure type and *concept* building material. The Archicad Classification and layer is set appropriately depending on the element type (e.g. the slab tool defaults to the *Floors* layer and is classified as a *Slab*). Ensure that the appropriate Layer and Classification is selected when modelling other building elements (e.g. floor finishes or ceilings).

It is essential that elements are placed onto the correct layers for consistent drawing production and classified appropriately for data management and external coordination.

Likewise, care and attention should be taken for the annotation tools (dimensions, labels…) ensuring that they are associated with the appropriate construction elements and drawn onto the appropriate layer. This template includes multiple layers for annotations to filter content depending on design stage and type of drawing.

Annotation tools default to the *GA* Layers (e.g. the dimension tool defaults to the *Dimensions-GAs* Layer). Change the tools' Layer setting to annotate different drawing sets (e.g. use Dimensions-Details for inclusion in detailed drawings in the technical design stage).

The option to *hide with associated element* is enabled by default for annotation tools.

Also see Layers and Layer Combinations.

FAVOURITES

The UKI template includes multiple favourites to assist in getting started with Archicad. The design tools generally have a concept Favourite for early design stages (and to reset the tool and return to the default the settings) and an example of a more detailed structure (i.e. Composite). Favourites are organised in a folder tree structure reflecting commonly used workflows.

To assist with more detailed design elements, such as stairs and railings, the template includes multiple examples to demonstrate different usages of these tools, which can be customised further as required.

For documentation, the template includes Favourites for the dimension, text, and label tools, with separate versions of the favourites mapped to the appropriate layers.

It is expected that each studio will create and update their own set of Favourites according to typical project requirements. Use the favourites palette to import/export Favourites between projects or to import back into your studio's template.

ELEMENT TRANSFER SETTINGS

The *element transfer settings* control which optional parameters are applied from a chosen Favourite or when injecting parameters. Take care to ensure that the parameters are transferred as expected. Incorrect element transfer settings can result in inconsistencies in the model and output (e.g. elements placed on incorrect layers). The default element transfer settings exclude the transfer of IDs and home storey related data.

FIND & SELECT

The UKI template includes Find & Select criteria sets to assist with QA processes in addition to the QA Views provided. (See View Map.)

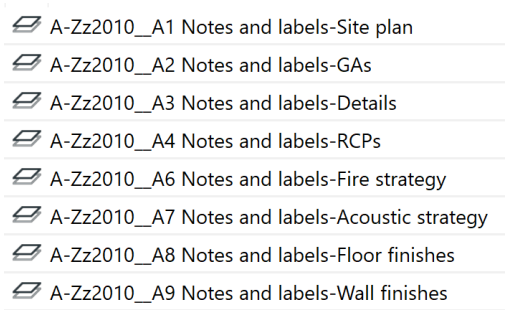
The QA criteria sets aim to assist you in checking the model and documentation for consistency, in identifying missing classifications, properties, attributes and design options. Customise as required.

Annotations

TEXT

The default text style is consistently set to 2.5mm Arial throughout tools' default settings, with the exception of the Drawing Markers. The template also includes text Favourites at 2.5mm and 3.5mm print size. Text Favourites can also be activated through the text settings of other tools (dimensions, zones, labels…) where relevant to maintain consistency.

To ensure that the correct text is displayed in drawing output, the template includes multiple Layers to filter the content for each View. Various versions of Favourites defaulting to different layers have therefore been included in the template. See Favourites.



LABELS

The label tool shares the same set of Layers (*Notes and labels)* as the text tool and is also set to 2.5mm Arial.

The template includes multiple label Favourites for quick placement, including:

- Simple text labels
- Finish tags
- Element ID labels/tags
- Step index number (stair treads)
- MEP labels

These labels include autotext fields to populate the IDs, surface data, etc.

Try using the *annotate selected elements* command to quickly apply the selected Favourite to multiple elements simultaneously.

DRAWING MARKERS

Section and elevation Favourites have been provided for both *GAs* and *Details,* defaulting to the appropriate Layers and updating the display of the drawing markers. The *GAs* Favourite displays the reference ID in 3.5mm



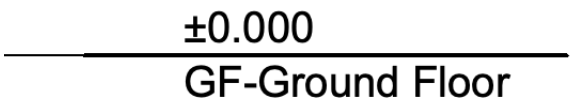
Arial text and the *Details* Favourite displays both the drawing ID and layout ID in 2.5mm Arial. The section and elevation tools' default settings correspond to the *GAs* output style.

The interior elevation markers are set to a *GA* output with the reference ID in 3.5m Arial text, with 2.5mm custom text for the individual drawing numbers. The *Details* favourite instead displays the layout ID in place of the reference ID. Also see Favourites.

STOREY LEVELS

The Storey levels are defined as *display only* in the section and elevation tools. Change to *display and output* if the markers should be included in drawing output.

The markers are formatted to display the storey's elevation from the *Project Zero* reference level prefixed with the +/- symbol, with the storey name on the second row.



Additional storey marker objects are available in the UKI Essential Library with further options to configure the style of the marker symbols.

WINDOW AND DOOR MARKERS

The door and window tools' dimension markers are not enabled in the default settings or in the predefined Favourites. If you activate the markers in the windows and doors then they will be displayed in the *00-Working*, *40-Technical design* and *46-Strategy* model view options, but hidden by default in other Views.

Labels can also be associated to window and door elements to display data. See Labels.

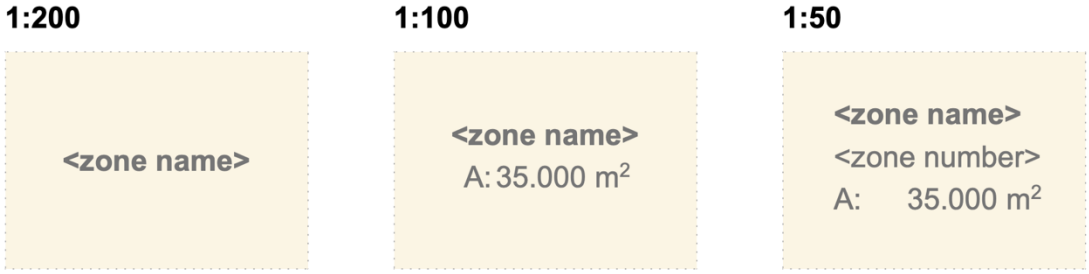
ZONE STAMPS

The display of zone stamps is controlled through multiple settings dialogs:

- Zone Category – zone stamp library part
- Model View Options – visibility of zone stamp
- Zone Default/Selection Settings – configuration of zone stamp appearance and data

All zone categories use the *Zone Stamp 02* zone stamp by default. The zone stamp is configured to a scale-dependent display, with the following default information:

- 1:200: zone name
- 1:100: zone name, measured area
- 1:50: zone name, zone number, measured area



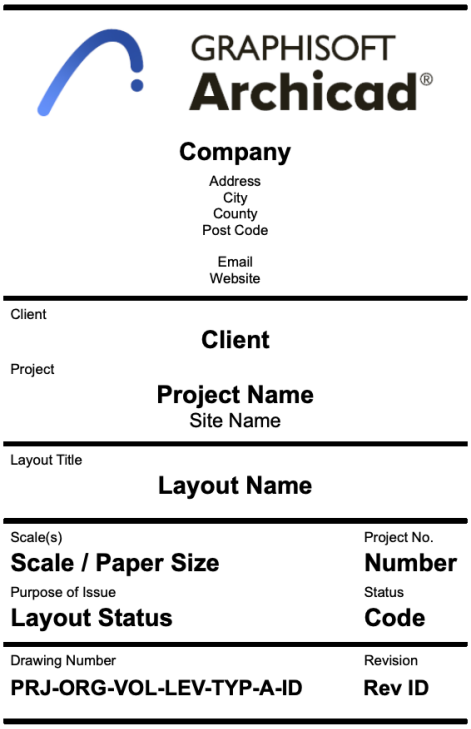
Update the zone categories, model view options and zone settings as required.

Zones additionally include an associated label on placement, which by default is a text/autotext label with no text content. Either turn off the *place label* setting in the info box if not required, or select the preferred label Favourite to be used from the drop-down. This selection will be remembered. If using labels in place of zone stamps, the zone stamps should be hidden by unchecking *show zone stamps* in all Model View Options.

Although zone stamps are not displayed in section or elevation, labels can instead be used while remaining associated to the zone elements.. See Labels.

TITLE BLOCKS

Example title blocks are provided for different Layout sizes and presentations, using autotext as appropriate.



The title blocks include full drawing numbering as detailed below, in compliance with *BS EN ISO 19650-2:2018 & Revised NA*:

Project: unique code for the project (Project Info > Project Code).

Originator: unique code to identify your studio (Project Info > Originator).

Functional Breakdown: two characters identifying the part of the model, using the Layout Volume field in the Layout settings (or otherwise "XX").

Spatial Breakdown: code identifying the space i.e. building, zone, level (Layout Info Scheme > Spatial Breakdown).

Form: code identifying the type of information (Layout Info Scheme > Layout Form).

Discipline: code identifying the discipline of the originator (Project Info > Contact ID).

Number: number of the drawing, sequential to avoid any duplicated drawing names (Layout ID).

Revision: the current revision of the document (Revision ID).

The text fields are separated with hyphens, with the exception of the revision ID, which is positioned to the right-hand side of the title block.

The non-mandatory field for suitability has not been included in the title block but an autotext field is available for this if required (Layout Info Scheme > Layout Status Code).

The revision history object displays detailed information on the Layout's revisions, displaying the revision ID, transmittal ID (issue), transmittal name (description), issued by and checked by fields, and the transmittal date.

Revision	Issue	Description	Issued by	Checked by	Date

It is anticipated that the title block, layout naming and numbering, and change management/revision tools will be customised based on your own studio's workflows and documentation.

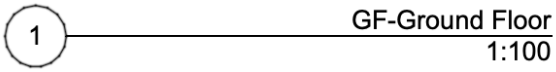
All elements included in the title block (lines, text, revision object…) are placed on the *Archicad Layer* to prevent them from being hidden during export.

DRAWINGS AND DRAWING TITLES

All included drawings are placed on the Archicad Layer and are displayed without a drawing title.

The template includes two drawing tool Favourites for use when placing drawings onto the layouts; *layout drawing with title* and *layout drawing without title*.

The Favourite with the title includes the *linear drawing title* with a circular marker containing the drawing number and right-aligned text for the name and scale. The *linear drawing title* library part has been configured to display in this format when activated, based on the default settings of the UKI template.



Although the drawings are set to automatic update, you might prefer to use manual update to give more control over the drawing review and change management processes.

LEGENDS

Keynote legend objects are not placed onto the Layouts/Master Layouts by default. However, the template does include an example legend Favourite for quick placement onto Layout sheets, which can be accessed through the Object tool, or through the Keynotes palette.

The Keynote Favourite shows the visible keynotes appearing on the layout, grouped by folder, and displaying the key and title, with the description on the following line.

Folder

KN-01 **Keynote Title 1**
Keynote Description 1
KN-02 **Keynote Title 2**
Keynote Description 2

Update the Favourite to suit your studio's requirements, and update the Layouts/Masters if the legend should be placed by default.

The template also includes examples of drawing legends, created as Schedules, which can be further customised, including:

- a fire strategy legend displaying symbols and fire rating data of walls containing a fire rating value and zones with fire compartmentation set to true,
- an acoustic strategy legend displaying symbols and acoustic rating data of walls containing an acoustic rating value, and
- a floor finish legend displaying symbols and surface data of elements classified as *flooring*.

Where the legends should be colour-coded, use saved views with the appropriate graphic overrides.

Libraries

GLOBAL LIBRARY

The Global Library (introduced in Archicad 28) replaces the separate localised versions of the libraries. It is designed for use across all localisations of Archicad, and for use in current and future versions of Archicad.

The library is divided by subcategory, into multiple library packages (LibPacks). 46 of the LibPacks are linked to the UKI Template, based on typical Archicad usage and local requirements. Additional LibPacks can be added through the Library Manager as required. If you are using the Library Part Maker (LPM) add-on to create additional project-specific library content, then the *Library Part Maker* LibPack is also required.

Although you can choose which LibPacks are use in your projects, note there are some dependencies between them. You will be notified of any such dependencies when adding LibPacks to the Library Manager.

See Appendix 2: Global Library Packages for the full list of packages, and those linked into the UKI template.

The default parameter values for the library parts are defined through a JSON file, controlling the default settings of each library part when selected by a user. A UKI localisation of the JSON file ensures that the library is configured to local requirements, and is loaded into the UKI template, ensuring the parameter values are mapped to the localised Attributes from the UKI template.

Updates to the Global Library are released periodically through downloadable Library Updates and at the release of each new version of Archicad. As the UKI Template can be used with different updates of the Global Library, the default parameters are mapped based on the contents of the library when the Archicad version is shipped. The mapping in the Archicad 29 UKI template is therefore consistent with the libraries installed without Archicad 29.

The language of the Global Library is set to *UKI - English (International)* in the Library Localization Preferences.

UKI ESSENTIAL LIBRARY

The UKI Essential Library can be downloaded from the BIM Content downloads section of the Graphisoft website (Forward/Subscription customers only). See BIM Content and Add-ons from Archicad's Help > Online Resources menu.

EMBEDDED LIBRARY

The Embedded Library is empty by default. Only small project specific objects and images should be stored in the Embedded Library and it is not recommended to be used for any contents of your template.

Appendices

APPENDIX 1: VIEW LIST

Folder	View(s)	Layers	Scale	Structure	Pen Set	MVOs	Graphic Overrides	Renovation	Design Options	Dimensions
10-Preparation										
11-Site	Location Plan	A-11-Site plan	1:500	Entire Model	01-Print 1:100	10-Preparation	10-Preparation	05-Proposed	Main Model Only	01-Millimeter
11-Site	Proposed Site Plan	A-11-Site plan	1:200	Entire Model	01-Print 1:100	10-Preparation	10-Preparation	05-Proposed	Main Model Only	01-Millimeter
11-Site	Site Survey	A-11-Site survey	1:200	Entire Model	01-Print 1:100	10-Preparation	10-Preparation	01-Existing	Main Model Only	01-Millimeter
20-Concept Design										
21-Floor Plans	Existing Plans	A-21-Concept plan	1:100	Entire Model	01-Print 1:100	20-Concept	20-Concept	01-Existing	Main Model Only	01-Millimeter
21-Floor Plans	GF-Ground Floor	A-21-Concept plan	1:100	Entire Model	01-Print 1:100	20-Concept	20-Concept	05-Proposed	Main Model Only	01-Millimeter
21-Floor Plans	Grid Layout	A-21-Grid	1:100	Entire Model	01-Print 1:100	20-Concept	20-Concept	05-Proposed	Main Model Only	01-Millimeter
22-Sections	Existing Sections	A-22-Concept section	1:100	Entire Model	01-Print 1:100	20-Concept	20-Concept	01-Existing	Main Model Only	01-Millimeter
22-Sections	Proposed Sections	A-22-Concept section	1:100	Entire Model	01-Print 1:100	20-Concept	20-Concept	05-Proposed	Main Model Only	01-Millimeter
23-Elevations	Existing Elevations	A-23-Concept elevation	1:100	Entire Model	01-Print 1:100	20-Concept	20-Concept	01-Existing	Main Model Only	01-Millimeter
23-Elevations	Proposed Elevations	A-23-Concept elevation	1:100	Entire Model	01-Print 1:100	20-Concept	20-Concept	05-Proposed	Main Model Only	01-Millimeter
30-Spatial Coordination										
31-GA Plans	Existing Plans	A-31-GA plan	1:100	Entire Model	01-Print 1:100	30-Spatial coordination	30-Spatial coordination	01-Existing	Main Model Only	01-Millimeter
31-GA Plans	Proposed Plans	A-31-GA plan	1:100	Entire Model	01-Print 1:100	30-Spatial coordination	30-Spatial coordination	05-Proposed	Main Model Only	01-Millimeter
32-GA Sections	Existing Sections	A-32-GA section	1:100	Entire Model	01-Print 1:100	30-Spatial coordination	30-Spatial coordination	01-Existing	Main Model Only	01-Millimeter
32-GA Sections	Proposed Sections	A-32-GA section	1:100	Entire Model	01-Print 1:100	30-Spatial coordination	30-Spatial coordination	05-Proposed	Main Model Only	01-Millimeter
33-GA Elevations	Existing Elevations	A-33-GA elevation	1:100	Entire Model	01-Print 1:100	30-Spatial coordination	30-Spatial coordination	01-Existing	Main Model Only	01-Millimeter
33-GA Elevations	Proposed Elevations	A-33-GA elevation	1:100	Entire Model	01-Print 1:100	30-Spatial coordination	30-Spatial coordination	05-Proposed	Main Model Only	01-Millimeter
40-Technical Design										
41-Detailed Plans	Demolition Plans	A-41-Detail plan	1:50	Entire Model	02-Print 1:50	40-Technical design	40-Technical design	02-Demolition	Main Model Only	01-Millimeter
41-Detailed Plans	Proposed Plans	A-41-Detail plan	1:50	Entire Model	02-Print 1:50	40-Technical design	40-Technical design	05-Proposed	Main Model Only	01-Millimeter
41-Detailed Plans	Room Layouts	A-41-Detail plan	1:20	Entire Model	03-Print 1:20	40-Technical design	40-Technical design	05-Proposed	Main Model Only	01-Millimeter
42-Sections	Proposed Sections	A-42-Detail section	1:50	Entire Model	02-Print 1:50	40-Technical design	40-Technical design	05-Proposed	Main Model Only	01-Millimeter
43-Elevations	Exterior Elevations	A-43-Detail elevation	1:50	Entire Model	02-Print 1:50	40-Technical design	40-Technical design	05-Proposed	Main Model Only	01-Millimeter
43-Elevations	Interior Elevations	A-43-Interior elevation	1:20	Entire Model	03-Print 1:20	40-Technical design	40-Technical design	05-Proposed	Main Model Only	01-Millimeter
44-RCPs	Reflected Ceiling Plans	A-44-RCP	1:50	Entire Model	02-Print 1:50	44-RCP	44-RCP	05-Proposed	Main Model Only	01-Millimeter
45-Finishes	Floor Finishes	A-45-Floor Finishes	1:100	Entire Model	01-Print 1:100	45-Finishes	45-Floor types	05-Proposed	Main Model Only	01-Millimeter
45-Finishes	Wall Finishes	A-45-Wall Finishes	1:100	Entire Model	01-Print 1:100	45-Finishes	40-Technical design	05-Proposed	Main Model Only	01-Millimeter
46-Strategy	Acoustic Strategy	A-46-Strategy acoustic	1:100	Entire Model	01-Print 1:100	46-Strategy	46-Acoustic strategy	05-Proposed	Main Model Only	01-Millimeter
46-Strategy	Drainage	A-46-Strategy drainage	1:50	Entire Model	02-Print 1:50	46-Strategy	40-Technical design	05-Proposed	Main Model Only	01-Millimeter
46-Strategy	Fire Strategy	A-46-Strategy fire	1:100	Entire Model	01-Print 1:100	46-Strategy	46-Fire strategy	05-Proposed	Main Model Only	01-Millimeter
47-Details	Details (plan)	A-41-Detail plan	1:5	Entire Model	04-Print 1:5	40-Technical design	No Overrides	05-Proposed	Main Model Only	01-Millimeter
47-Details	Details (section)	A-42-Detail section	1:5	Entire Model	04-Print 1:5	40-Technical design	No Overrides	05-Proposed	Main Model Only	01-Millimeter
49-MEP	Electrical	M-49-MEP electrical	1:50	Entire Model	06-MEP 1:50	49-MEP	49-MEP	05-Proposed	Main Model Only	01-Millimeter
49-MEP	HVAC	M-49-MEP HVAC	1:50	Entire Model	06-MEP 1:50	49-MEP	49-MEP	05-Proposed	Main Model Only	01-Millimeter
49-MEP	Plumbing	M-49-MEP plumbing	1:50	Entire Model	06-MEP 1:50	49-MEP	49-MEP	05-Proposed	Main Model Only	01-Millimeter

APPENDIX 2: GLOBAL LIBRARY PACKAGES

Library Package	Used
2D Elements CZE	X
2D Symbols SWE	X
Annotation CHI	X
Annotation CZE	X
Annotation DACH	X
Annotation Elements	✓
Annotation JPN	X
Annotation KOR	X
Annotation NOR	X
Annotation RUS	X
Annotation SWE	X
Annotation USA	X
Appliances	✓
Basic Shapes and Special Constructions	✓
Beds	✓
Cabinets and Shelves	✓
Chairs	✓
Chimneys and Fireplaces	✓
Classical Architectural Elements	✓
Concrete Structures	✓
Connectors	X
Couches and Sofas	✓
Curtain Wall	✓
Decoration	✓
DIN 2D Symbols	X
Doors and Windows	✓
Doors and Windows DACH	X
Doors and Windows JPN	X
Doors and Windows SWE	X
Doors and Windows USA	X
DW Macros	✓
Electric Symbols SWE	X
Electric Symbols	✓
Electrical Equipments JPN	X
Escape and Rescue Symbols, Safety Notes	X
Essential Library	✓
Fire Protection	✓
Furniture Layouts JPN	X

Library Package	Used
Furniture Layouts	✓
Furniture Macros	✓
Furniture SWE	X
GHS Hazard Pictograms	X
Graphic Symbols	✓
Heating and Air-Conditioning	✓
Japanese Architecture	X
Kitchen	✓
Library Part Maker	X
Light Sources	✓
Medical Equipment	✓
MEP Library	✓
NS 3925 Escape Plans	X
NS-ISO 6309 Warning Signs	X
NS-ISO 6790 Symbols	X
Object Macros	✓
Office and School Equipment	✓
On-Site Renewable Systems	✓
Opening Symbols	✓
People	✓
Plants and Outdoor Accessories	✓
Plumbing Fixtures and Bathroom	✓
Road Signs JPN	X
Roof Constructions	✓
Skylights	✓
Sport and wellness	✓
Stair and Railing	✓
Steel Constructions	✓
Sun Protection	✓
Surface Catalog	✓
Tables	✓
Transportation and Parking	✓
Turning Curves CHE	X
Turning Curves	✓
Vertical Transportation Structures	✓
Wall Ends and Wall Structures	✓
Wall Extras	✓
Wood Trusses	✓

APPENDIX 3: ARCHICAD 28 TEMPLATE CHANGES

Data Management	Classifications	Uniclass 2015 classifications updated *(Archicad 28 COBie Template only)*
Display Options	Model View Options	MVOs reconfigured based on new Global Library MVO settings.
Usability	Tool Default Settings	Parameters updated to correspond to new default UKI parameter mapping.
		Updated "single" interior elevation marker type for consistency with other drawing markers.
	Favourites	Parameters updated to correspond to new default UKI parameter mapping.
		New Keynote Legend and Keynote Annotation favourites.
		Additional Slab favourites for floor and ceiling finishes.
		Additional Roof favourites with dependant floor plan projection settings.
		Railing favourites updated to classify sub-elements.
		Additional Zone Label favourites.
	Element Transfer Settings	Default settings updated to exclude the transfer of IDs and home storey related data.
		Updated to ensure consistency in Element Transfer Settings options.
		Element Transfer Settings for stairs imported from the international (INT) template.
Libraries	Global Libraries	Replaced the legacy monolith libraries with Global Library packages.
		Defined library language as UKI - English (International)
		New default parameter mapping.

APPENDIX 4: ARCHICAD 29 TEMPLATE CHANGES

Project Preferences	Route Specifications	Updated Duct and Pipe specifications added from the International (INT) template.
Attributes	Layers	Additional *Notes and labels* layers for *Electrical, Mechanical,* and *Plumbing* elements.
		Additional *MEP mechanical* and *MEP plumbing* layer combinations displaying the corresponding element types and annotations, with the building structure.
		MEP electrical layer combination updated to reflect changes to MEP layers.
	Pen Sets	Additional column of pens introduced for MEP elements (pens 18, 38, 58, 78, 98, 118).
		Additional MEP pen sets added for 1:100 and 1:50 MEP drawings, with bold MEP outlines.
	MEP Systems	Updated to include Archicad 29's new MEP Systems, adjusted to UKI pen sets and surfaces.
Data Management	Classifications	Uniclass 2015 classifications updated *(Archicad 29 COBie Template only)*
	Project Info	Contact Role updated to "Ro_50_10_03 Architect" (for COBie) and Contact ID to "A" (for ISO19650 naming).
Display Options	Model View Options	Default MVO settings updated for JPN, DACH and USA doors and windows, for consistency with INT.
		Object level of detail reduced to *Simplified* for Spatial Coordination drawings.
		MEP elements displayed with *Projected* representation.
	Graphic Overrides	Additional *49-MEP* graphic override combination displaying all cut fills as white and zones as transparent.
Project Structure	Project Map	Storey Index removed from storey level markers in section and elevation viewpoints.
		View Index (project index) updated to include new *Placed on Layout* and *Included in Publisher Set* fields.
		"TOTAL" custom text added to schedule's total fields.
	View Map	Additional *Mechanical* and *Plumbing* cloned folders mapped to the new corresponding layer combinations, graphic overrides, and MVOs.
		Electrical cloned folder repositioned to the *49-MEP* folder.

Usability	Tool Default Settings	Sanitaryware objects classified as "Sanitary Terminal".
		MEP Route tools' floor plan display settings "by MVO".
	Favourites	Keynote Legend favourite updated to use new line break option, displaying the description on a separate line.
Usability	Favourites	Updated folder structure to accommodate increased number of annotation favourites.
		Favourites added for MEP routing tools to return to default tool settings.
		Additional text and label favourites to annotate MEP elements, placed to the corresponding MEP layers.
	Element Transfer Settings	Updated Flexible Pipe Segments settings for consistency.
Annotations	Zone Stamps	Default zone stamp content updated to show: • the zone name and area at 1:100, • the zone name, number and area at 1:50.
Libraries	Global Libraries	Default parameters for bed objects updated to include standard UK bed sizes.
		Default parameters for radiator objects updated with values and connections at the base.
		Parameter value mapping for *built-in* library parts (stair, railing & CW subcomponents, drawing markers, and keynote legend).
		Deprecated parameter mapping values removed.
Drawings and Documentation	Layouts	Simplified custom layout scheme field naming, removing the "Layout" text prefix (except for Layout Status, Layout Status Code, and Layout Comment to avoid confusion).
		Renamed custom layout scheme fields for consistency with *BS EN ISO 19650-2:2018 & Revised NA* drawing naming conventions: • Functional Breakdown (Volume) • Spatial Breakdown (Level) • Form (Type)
	Master Layouts	• Drawing Number text in title blocks updated to include Contact ID autotext (updated from Contact Role.)
	Publisher Sets	Rename items in *05 PDFs ISO19650* and *06 DWGs ISO19650* publisher sets updated to include Contact ID autotext (updated from Contact Role.)

APPENDIX 5: ARCHICAD 29 TEMPLATE CHANGES – JULY 2026 UPDATE

Attributes	Surfaces	*Render - Generic* surface moved to Finish – Exterior folder.
Data Management	Classifications	Uniclass 2015 classifications updated *(Archicad 29 COBie Template only)*
	Project Preview	Replaced with updated Archicad logo.
Project Structure	Project Indexes	*11 Layout List-Title block data input* headers updated to correspond to layout scheme fields: • Functional Breakdown (Volume) • Spatial Breakdown (Level) • Form (Type)
		31 Drawing Transmittal Schedule and 32 *Transmittal Record* sorting by Layout ID.
		31 Drawing Transmittal Schedule and 32 *Transmittal Record* updated to include new transmittal scheme fields for transmittal distribution.
Libraries	Global Libraries	Updated default parameter mapping for consistency with Archicad 29 library updates.
Drawings and Documentation	Transmittals	Additional transmittal scheme fields created for *Purpose of Issue* and recipients to be included in data exported with the *Export Drawing Transmittal* add-on.
	Master Layouts	Title block images replaced with updated Archicad logo.