

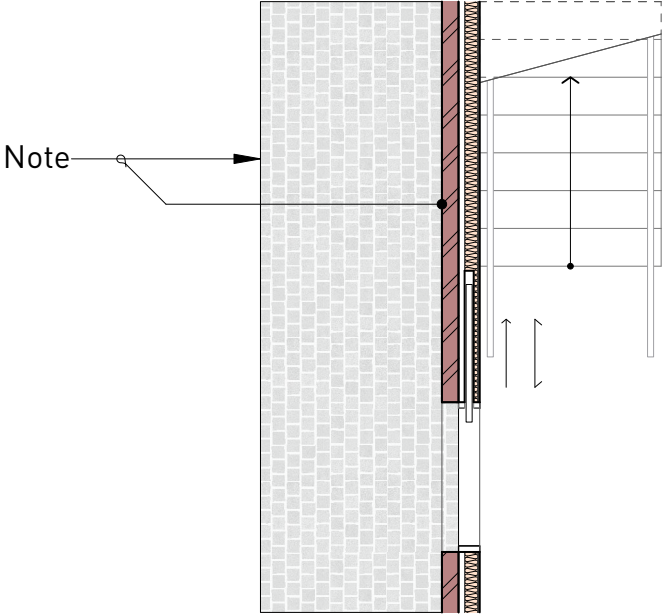
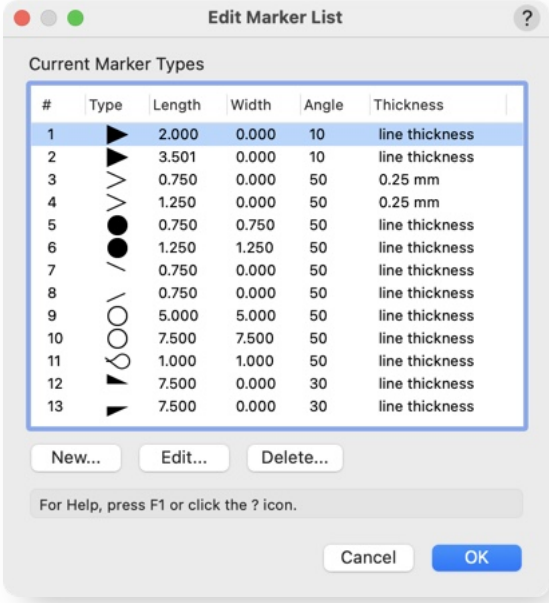
VECTORWORKS 2026: PRODUCTIVITY BOOST

Troy Diamond | Vectorworks Australia Technical Support Specialist
Architect | NSW Registration No. 11330 | RAIA

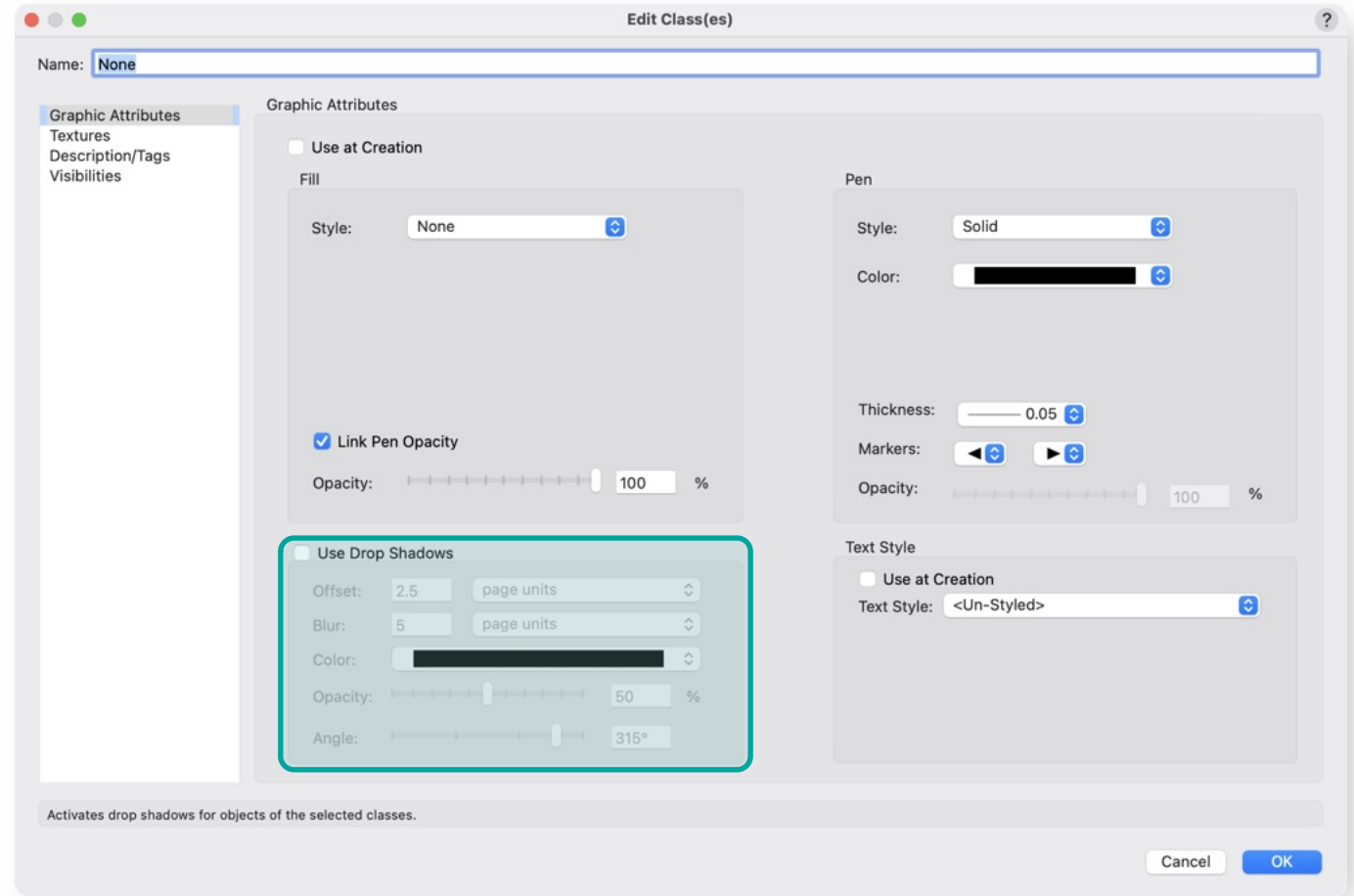


MULTIVIEW + SAVED VIEWS



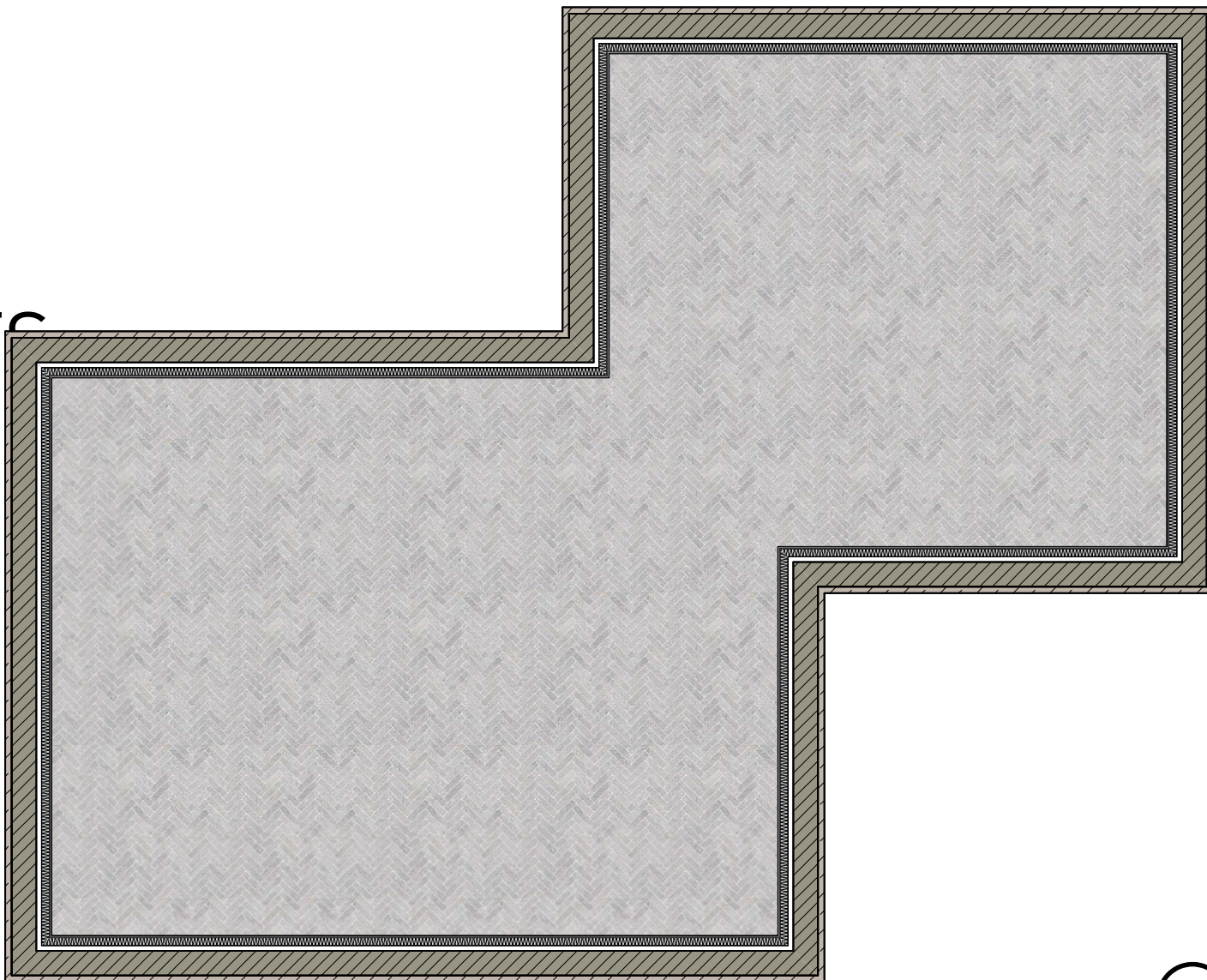


ATTRIBUTES: DROP SHADOWS

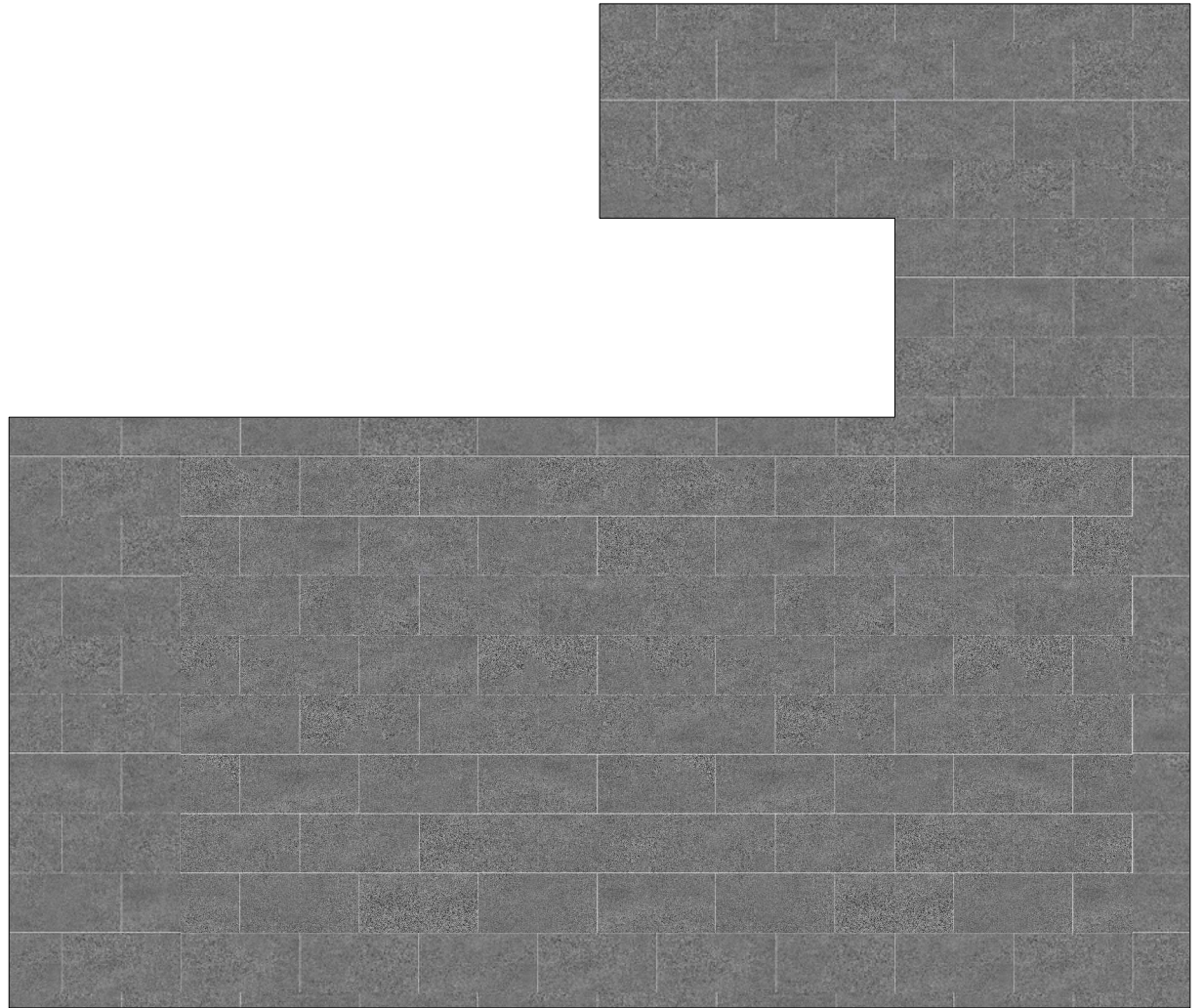




CREATE OBJECTS
FROM SHAPES...



CREATE OBJECTS FROM SHAPES...





LEVEL OF DETAIL

- 'Level of Detail' refers to the graphical (geometric) detail displayed in design drawings and models. This is typically a visual metric.
- Graphical detail can be hidden or displayed based on project phase.
- A well developed CGI model for presentation rendering typically has a very different purpose than a documentation model.



LEVEL OF DEVELOPMENT

- 'Level of Development' – often described as 'LOD 100, 200, 300 400 & 500' – typically refers to the level of verified data associated with geometry, but can relate to geometric detail also.
- Presentation drawings and models typically contain detailed graphical object representations that concept and documentation drawings do not.
- During documentation phase, why model something if it can be properly described in a schedule?

Document Preferences

General

☒ Auto display detail levels for design layers:

Low <= 1: 50 < Medium <= 1: 10 < High

☒ Save viewport cache

☒ Save VDM graphics cache

☐ Display out-of-date border

☒ Save site model cache

☐ Black and white only

☐ Use layer colors

☒ Ignore layers with different scale

☐ Show only layers belonging to stories

☐ Center view on activated layer

☐ Mesh smoothing with crease angle: 50

☒ Use automatic drawing coordination

☒ Adjust flipped text

☒ Drop shadows

☒ Limit Shaded render mode to 8 lights

☒ Limit Shaded render mode to 8 shadows

☐ Enable Shaded Use Emitters

2D Detail Levels:

	Low	Medium	High
2D Part	x	x	x
A-Frame Cut Plane	x	x	x
Frame Above			
A-Frame	Basic	Standard	Standard
Arch	Basic	Standard	Standard
1st	Basic	Standard	Standard
Ceiling and Louvers	Basic	Basic	Standard
Lighting	None		
Threshold	x		
Louvers			
Transom	x		
Truss	x		
Unit	x		
Windows	x	x	
Kick Plates			
Continuous Marker			
Materials and Classes			
Energies			
Data			

3D Detail Levels:

	Low	Medium	High
3D Part			
Leaf	Basic	Standard	Standard
Monitors			
Truss	x		
Hinges	x		
Bar Door Hinges	x		
Kick Plates	x		

3D Preview

View: Front

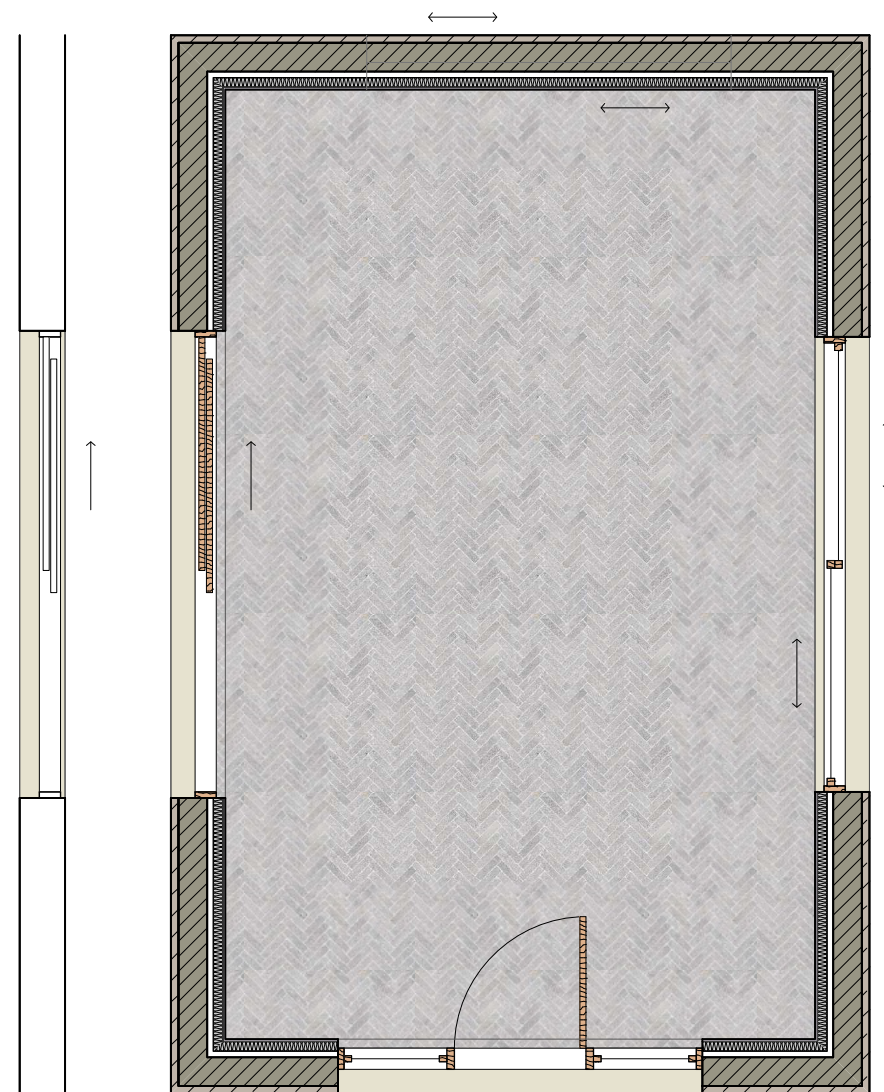
Render: Hidden Line

Detail: Medium

Top/Bottom/Left/Right/Isometric

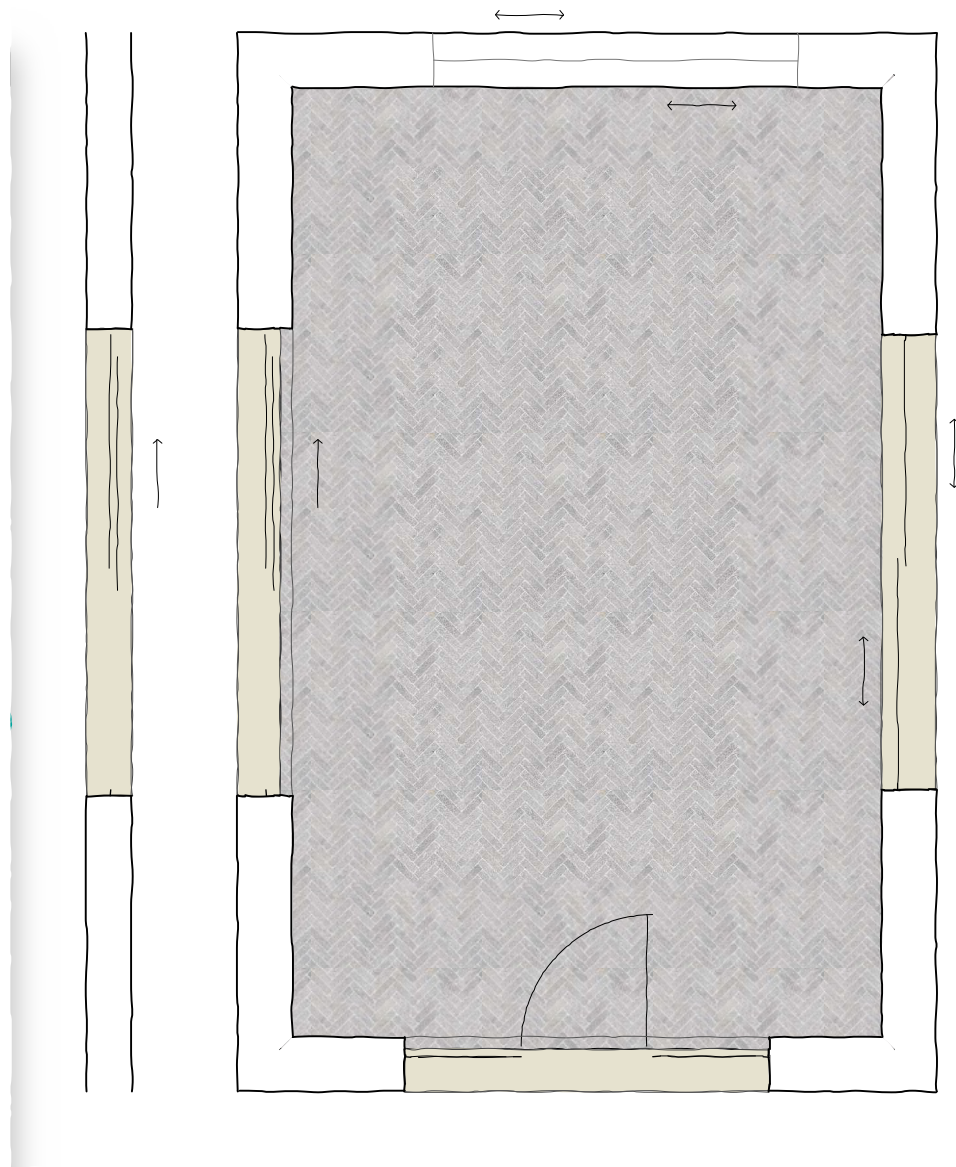
Top/Bottom/Left/Right/Isometric

Cancel OK

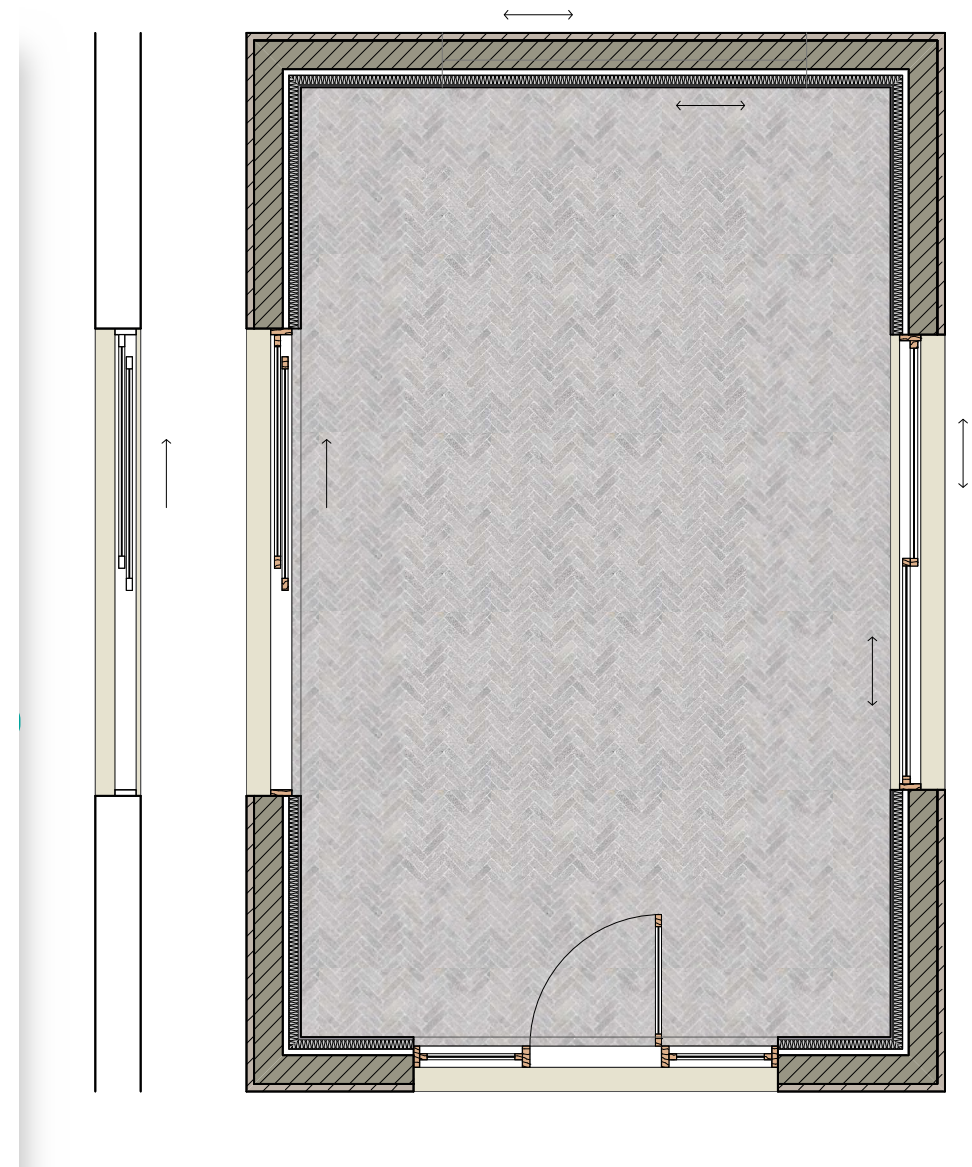


VIEWPORT DETAIL LEVEL EXAMPLES





01 Viewport: Low Detail Level
Scale: 1:50



02 Viewport: High Detail Level
Scale: 1:50



VECTORWORKS AUSTRALIA
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E: support@vectorworks.net.au
P: PO Box 726, Rosebery NSW 1445, Australia

0MM
PROJECT NOTES
50mm
100mm

REV DATE DESCRIPTION

CLIENT
Vectorworks Australia: CPD Webinars

PROJECT PROJECT ADDRESS

Vw 2026: Productivity Boost

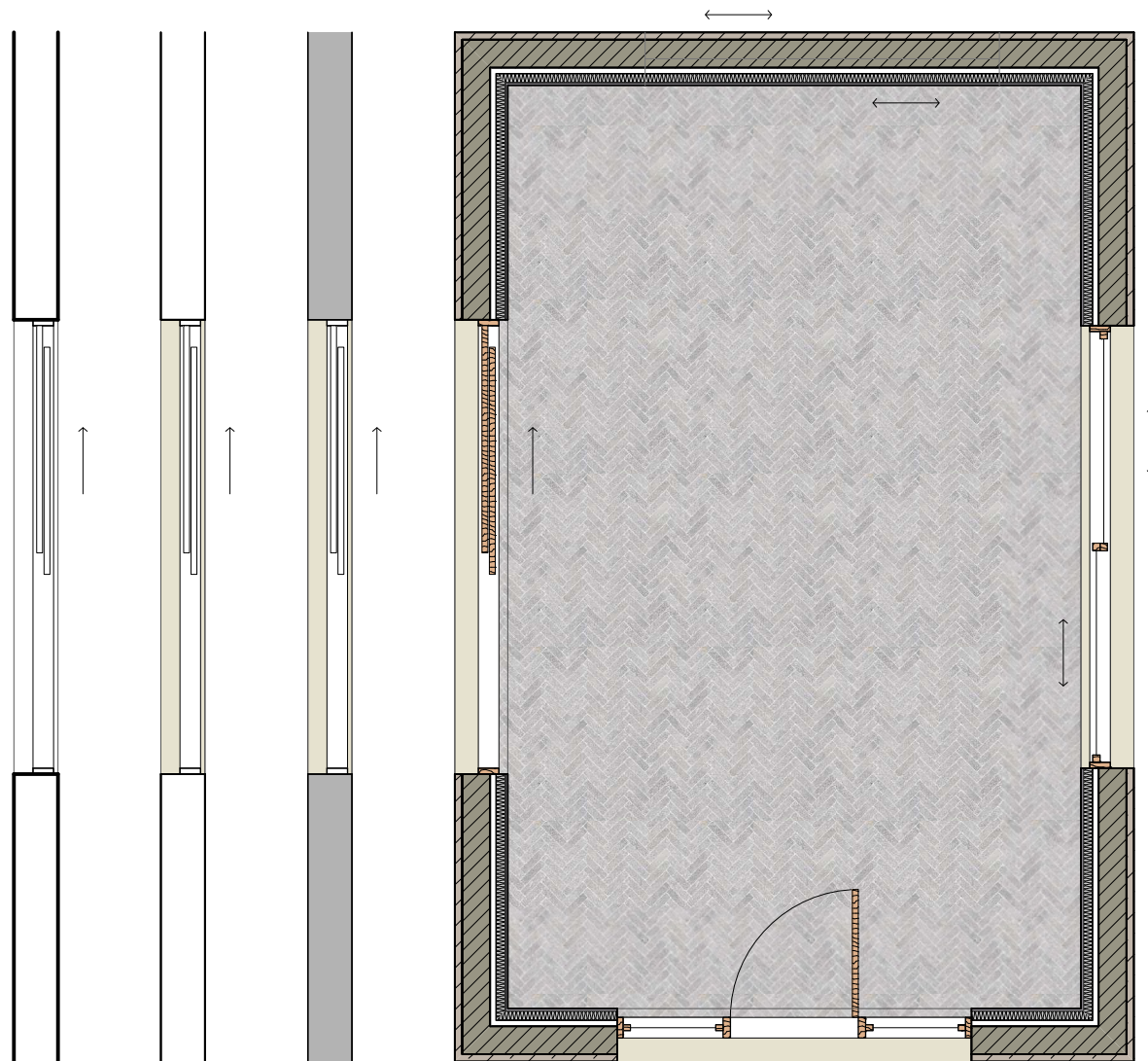
TITLE
Viewport Detail Levels

DWG NO.	PROJECT NO.	SCALE	DRAWN	CHECKED	DATE	REV.
A10	0501	1:50	TD	TD	E	



2026 WALL MODERNISATION

- Walls are made up of components (similar to real-world walls)
- Walls must have at least one component (as of Vw 2026)
- New class: 'Wall-Below Cut Plane'





HOME WORK: ANZ DOOR + WINDOW STYLES

Simplified Styles, Auto-Numbering, Automated Scheduling



COLOUR PALETTES



The Australian Standards AS2700 “Colour Standards for General Purposes” consists of 206 standard colours for Specifiers to select reference paint colours for pipeline identification, line marketing, safety demarcation and other industrial purposes.

Dulux Protective Coatings Colour Accuracy Statement

Whilst every effort has been made to accurately match the colours depicted on our website to actual product colours, Dulux Protective Coatings advises that there may be colour variation between these due to a combination of factors including computer monitor, screen settings & lighting. It is therefore recommended that you order a colour sample to confirm your colour choice.

For more information about colour, please read our Tech Note on Colour Accuracy.

Dulux® Protective Coatings Guide to Australian Standards **AS2700 Colours**

B11	Rich Blue	B12	Royal Blue	B13	Navy Blue	B14	Sapphire
B15	Mid Blue	B21	Ultramarine	B22	Homebush Blue	B23	Bright Blue
B24	Harbour Blue	B25	Aqua	B32	Powder Blue	B33	Mist Blue
B34	Paradise Blue	B35	Pale Blue	B41	Bluebell	B42	Purple Blue
B43	Grey Blue	B44	Light Grey Blue	B45	Sky Blue	B51	Periwinkle
B53	Dark Grey Blue	B55	Storm Blue	B61	Coral Sea	B62	Midnight Blue
B64	Charcoal	G11	Bottle Green	G12	Holly	G13	Emerald
G14	Moss Green	G15	Rainforest Green	G16	Traffic Green	G17	Mint Green

Olive	G26	Apple Green
Avocado	G35	Lime Green
Surf Green	G44	Palm Green
Eucalyptus	G53	Banksia
Rivergum	G63	Deep Bronze Green
Pearl Grey	N12	Pastel Grey
Silver Grey	N25	Birch Grey
Storm Grey	N43	Pipeline Grey
Basalt	N55	Lead Grey
Magenta	P12	Purple
Gold	X14	Mandarin
	X15	Orange
	X21	Pale Ochre

Standards **AS2700 Colours**

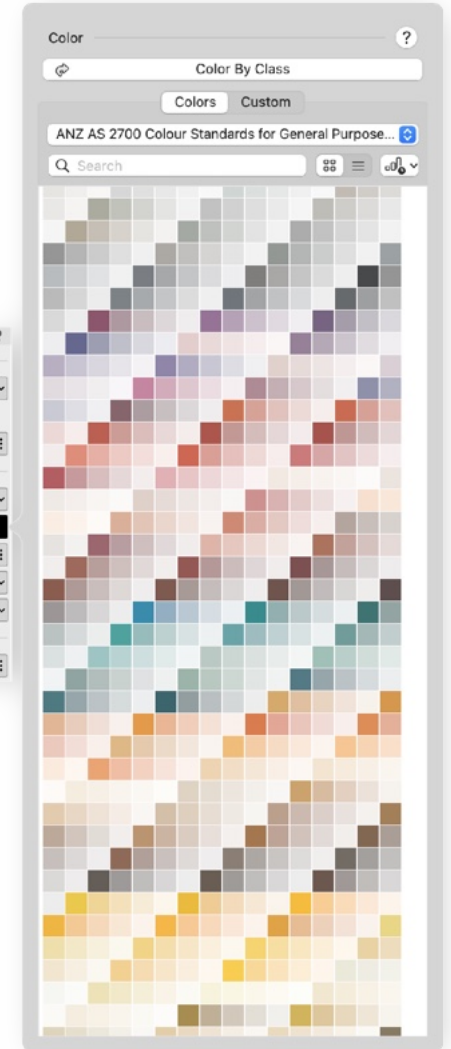
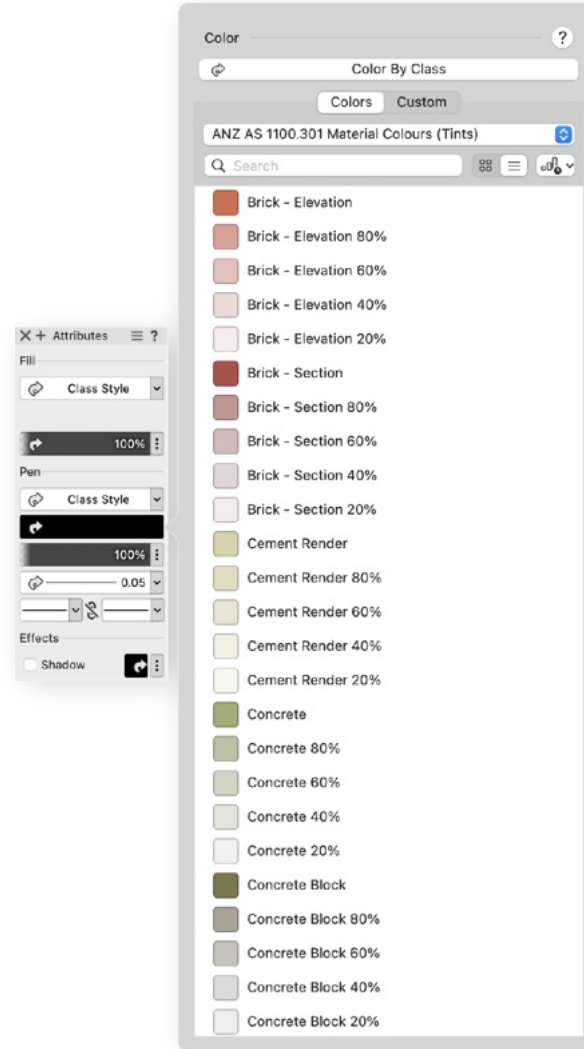
Lilac	P24	Jacaranda
Wisteria	P52	Plum
Crimson	R21	Tangerine
Apple Blossom	R33	Ghost Gum
Red Dust	R44	Possum
Raspberry	R55	Claret
Tropical Blue	T12	Diamantina
Huon Green	T33	Smoke Blue
Peacock Blue	T63	Teal
Gold	X14	Mandarin
	X15	Orange
	X21	Pale Ochre

Magnolia	X33	Warm White
Cinnamon	X51	Tan
Wombat	X62	Dark Earth
Wattle	Y13	Vivid Yellow
Custard	Y23	Buttercup
Flummary	Y33	Pale Primrose
Parchment	Y44	Sand
Oatmeal	Y55	Deep Stone
Mushroom	Y66	Mudstone



COLOUR PALETTES

- Attributes Palette
 - > Fill
 - > Manage Palettes...
 - > ANZ...
 - > Select Activate...



ANZ OBJECT STYLES

- ANZ Walls
- ANZ Doors + Windows
- ANZ Slabs + Roofs
- ANZ Materials
- ANZ Hatches + Tiles
- Object styles adopt 80% tints

Brick Elevation	80%	60%	40%	20%
Brick Section				
Cement Render				
Concrete				
Concrete Block				
Cut Stone and Masonry				
Earth				
Fibrous Cement Sheets				
Fill				
Glass				
Hardcore				
Insulation				
Metal - Downpipes and the Like				
Plaster - Acoustic or Fibrous				
Plaster - Board or Hard				
Rock				
Sanitary Fixtures				
Steel - Structural				
Terazzo				
Tile - Wall and Floor				
Timber - Boards				
Timber - Dressed				
Timber - Particle Board				
Timber - Sawn				
Timber - Stud				





NEW LIBRARY FROM ARTISAN EXTERIOR

Vectorworks 2026 Update 2



ARTISAN EXTERIOR: IMAGE FILLS

- Resource Manager
 - > Vectorworks Libraries
 - > Attributes
 - > Image Fills
 - > 'ANZ IF Artisan Exterior...'



ARTISAN EXTERIOR: TILE FILLS

- Dimensionally correct
- Resource Manager
 - > Vectorworks Libraries
 - > Attributes
 - > Tile Fills
 - > 'ANZ TF Artisan Exterior...'



ARTISAN EXTERIOR: RENDERWORKS TEXTURES

- Dimensionally correct
- Can be applied to BIM objects and 3D geometry
- Resource Manager
 - > Vectorworks Libraries
 - > Visualization
 - > Renderwork Textures
 - > 'ANZ RT Artisan Exterior...'

Wall Vertical Linea
(Preikestolen) RT



Wall Organic (Satula) RT



Crazy Paving (Kuro) RT



Wall Vertical Linea (Calcario)
RT



Cobbles Split (Porphyry
100x100 stack) RT



Natural Stone Granite
(Highland Grey 600x400
stretcher) RT



Cobbles Uniform (Kahvi
200x50 herringbone) RT



Mosaic Hisbalit (Lagoon 23)
RT



Crazy Paving (Ranta) RT



ARTISAN EXTERIOR: MATERIALS

- Dimensionally correct
- Can be applied to BIM objects, 3D geometry, and 2D geometry
- Resource Manager
 - > Vectorworks Libraries
 - > Visualization
 - > Materials
 - > 'ANZ MT Artisan Exterior...'



WHAT IS A MATERIAL?

- Catalogue of fill and surface representations
- Specification database
- Detailed material take-offs
- Physical characteristics including embodied carbon data

This screenshot shows the 'Edit Material' dialog box with the 'Fill' tab selected. The 'Material Name' is 'Crazy Paving (Kuro) MT'. The 'Fill' section has two sub-sections: 'Hatch' and 'Surface'. The 'Hatch' section shows a 'Style' of 'Hatch' and a 'Hatch' preview with a diagonal line pattern. The 'Surface' section shows a 'Style' of 'Texture' and a 'Texture' preview with a stone pattern. The 'Attributes' tab is also visible at the top.

This screenshot shows the 'Edit Material' dialog box with the 'Physical' tab selected. The 'Material Name' is 'Crazy Paving (Kuro) MT'. The 'Physical' section includes fields for 'Report As' (Volume), 'Category' (Stone-Finish), 'Material Classification' (Unless EP Pr. 35_90_96_85 Stone slabs), 'Product Data' (Manufacturer: Artisan Exterior, Product Model #: Crazy Paving Split, Product Name: Crazy Paving (Kuro), Product Description:), 'Product URL' (https://artisanexterior.com.au/), 'Product Source' (Artisan Exterior), 'Product Finish' (Natural Stone), and 'Product Cost' (0). The 'Attributes' tab is also visible at the top.

This screenshot shows the 'Edit Material' dialog box with the 'Physical' tab selected. The 'Material Name' is 'Crazy Paving (Kuro) MT'. The 'Physical' section includes fields for 'Specific Gravity', 'Modulus of Elasticity', 'Yield Strength', 'Tensile Strength', 'Specific Heat', 'Emissivity', 'Albedo', 'Thermal Exp. Coeff', 'Lambda', 'Embodied Carbon' (0.542 kg CO2e/kg), 'Sound Velocity (V)', 'Density (D)', 'Acoustic Impedance (Z)', and 'Slip Resistance'. The 'Attributes' tab is also visible at the top.

This screenshot shows the 'Edit Material' dialog box with the 'Custom Fields' tab selected. The 'Material Name' is 'Crazy Paving (Kuro) MT'. The 'Custom Fields' section includes a table with 'Field Name' and 'Field Value' columns. The 'Attributes' tab is also visible at the top.

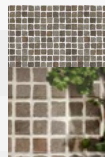




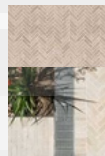
MATERIALS + GRAPHIC LEGENDS

Material Schedule: Artisan Exterior [Page 1 of X]

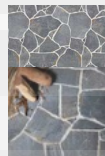
CODE
PRODUCT NAME **Cobbles Split (Porphyry 100x100 stack)**
MANUFACTURER Artisan Exterior
MODEL No. Split Cobblestones
FINISH Natural Stone
COLOUR Cobbles Split (Porphyry 100x100 stack) MT
DESCRIPTION Material Description-Note TEST
CLIENT CONFIRM. False



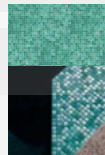
CODE
PRODUCT NAME **Cobbles Uniform (Kahvi 200x50 herringbone)**
MANUFACTURER Artisan Exterior
MODEL No. Uniform Cobblestones
FINISH Natural Stone
COLOUR Cobbles Uniform (Kahvi 200x50 herringbone) MT
DESCRIPTION Material Description-Note TEST
CLIENT CONFIRM. False



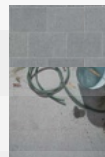
CODE **PAV-01**
PRODUCT NAME **Crazy Paving (Kuro)**
MANUFACTURER Artisan Exterior
MODEL No. Crazy Paving Split
FINISH Natural Stone
COLOUR Crazy Paving (Kuro) MT
DESCRIPTION Material Description-Note TEST
CLIENT CONFIRM. False



CODE
PRODUCT NAME **Mosaic Hisbalit (Lagoon 23)**
MANUFACTURER Artisan Exterior
MODEL No. Hisbalit
FINISH Glass
COLOUR Mosaic Hisbalit (Lagoon 23) MT
DESCRIPTION Material Description-Note TEST
CLIENT CONFIRM. False



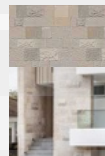
CODE **PAV-02**
PRODUCT NAME **Natural Stone Granite (Highland Grey 600x400 stretcher)**
MANUFACTURER Artisan Exterior
MODEL No. Natural Stone
FINISH Natural Stone
COLOUR Natural Stone Granite (Highland Grey 600x400 stretcher) MT
DESCRIPTION Material Description-Note TEST
CLIENT CONFIRM. False



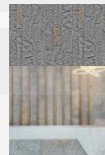
CODE
PRODUCT NAME **Wall Organic (Satula) MT**
MANUFACTURER Artisan Exterior
MODEL No. Organic
FINISH Natural Stone
COLOUR Wall Organic (Satula) MT
DESCRIPTION
CLIENT CONFIRM. False



CODE
PRODUCT NAME **Wall Vertical Linea (Calcario)**
MANUFACTURER Artisan Exterior
MODEL No. Vertical and Linear
FINISH Natural Stone
COLOUR Wall Vertical Linea (Calcario) MT
DESCRIPTION
CLIENT CONFIRM. False



CODE
PRODUCT NAME **Wall Vertical Linea (Preikestolen)**
MANUFACTURER Artisan Exterior
MODEL No. Vertical and Linear
FINISH Natural Stone
COLOUR Wall Vertical Linea (Preikestolen) MT
DESCRIPTION
CLIENT CONFIRM. False



DEMO:
MATERIALS + GRAPHIC LEGENDS



Material Schedule: Artisan Exterior [Page 1 of X]

CODE	
PRODUCT NAME	Cobbles Split (Porphyry 100x100 stack)
MANUFACTURER	Artisan Exterior
MODEL No.	Split Cobblestones
FINISH	Natural Stone
COLOUR	Cobbles Split (Porphyry 100x100 stack) MT
DESCRIPTION	Material Description-Note TEST
CLIENT CONFIRM.	Multiple values



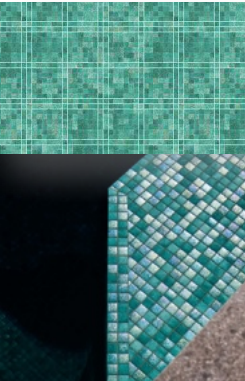
CODE	
PRODUCT NAME	Cobbles Uniform (Kahvi 200x50 herringbone)
MANUFACTURER	Artisan Exterior
MODEL No.	Uniform Cobblestones
FINISH	Natural Stone
COLOUR	Cobbles Uniform (Kahvi 200x50 herringbone) MT
DESCRIPTION	Material Description-Note TEST
CLIENT CONFIRM.	False



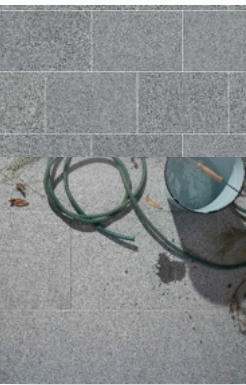
CODE	PAV-01
PRODUCT NAME	Crazy Paving (Kuro)
MANUFACTURER	Artisan Exterior
MODEL No.	Crazy Paving Split
FINISH	Natural Stone
COLOUR	Crazy Paving (Kuro) MT
DESCRIPTION	Material Description-Note TEST
CLIENT CONFIRM.	False



CODE	
PRODUCT NAME	Mosaic Hisbalit (Lagoon 23)
MANUFACTURER	Artisan Exterior
MODEL No.	Hisbalit
FINISH	Glass
COLOUR	Mosaic Hisbalit (Lagoon 23) MT
DESCRIPTION	Material Description-Note TEST
CLIENT CONFIRM.	False



CODE	PAV-02
PRODUCT NAME	Natural Stone Granite (Highland Grey 600x400 stretcher)
MANUFACTURER	Artisan Exterior
MODEL No.	Natural Stone
FINISH	Natural Stone
COLOUR	Natural Stone Granite (Highland Grey 600x400 stretcher) MT
DESCRIPTION	Material Description-Note TEST
CLIENT CONFIRM.	Multiple values



CODE	
PRODUCT NAME	Wall Organic (Satula) MT
MANUFACTURER	Artisan Exterior
MODEL No.	Organic
FINISH	Natural Stone
COLOUR	Wall Organic (Satula) MT
DESCRIPTION	
CLIENT CONFIRM.	False



CODE	
PRODUCT NAME	Wall Vertical Linea (Calcario)
MANUFACTURER	Artisan Exterior
MODEL No.	Vertical and Linear
FINISH	Natural Stone
COLOUR	Wall Vertical Linea (Calcario) MT
DESCRIPTION	
CLIENT CONFIRM.	Multiple values



CODE	
PRODUCT NAME	Wall Vertical Linea (Preikestolen)
MANUFACTURER	Artisan Exterior
MODEL No.	Vertical and Linear
FINISH	Natural Stone
COLOUR	Wall Vertical Linea (Preikestolen) MT
DESCRIPTION	The large format, split face granite pieces taken from varying blocks, form an interlocking modular pattern, with each complete set equating to coverage of over 6m2. The sheer scale of each set, along with the natural variation within the stone, removes the possibility of visual repetition through even the largest of walls.
CLIENT CONFIRM.	Multiple values



TITLE

Material Schedule: Artisan Exterior

DWG NO.

A03

PROJECT NO.

0501

SCALE

1:100

DRAWN

TD

CHECKED

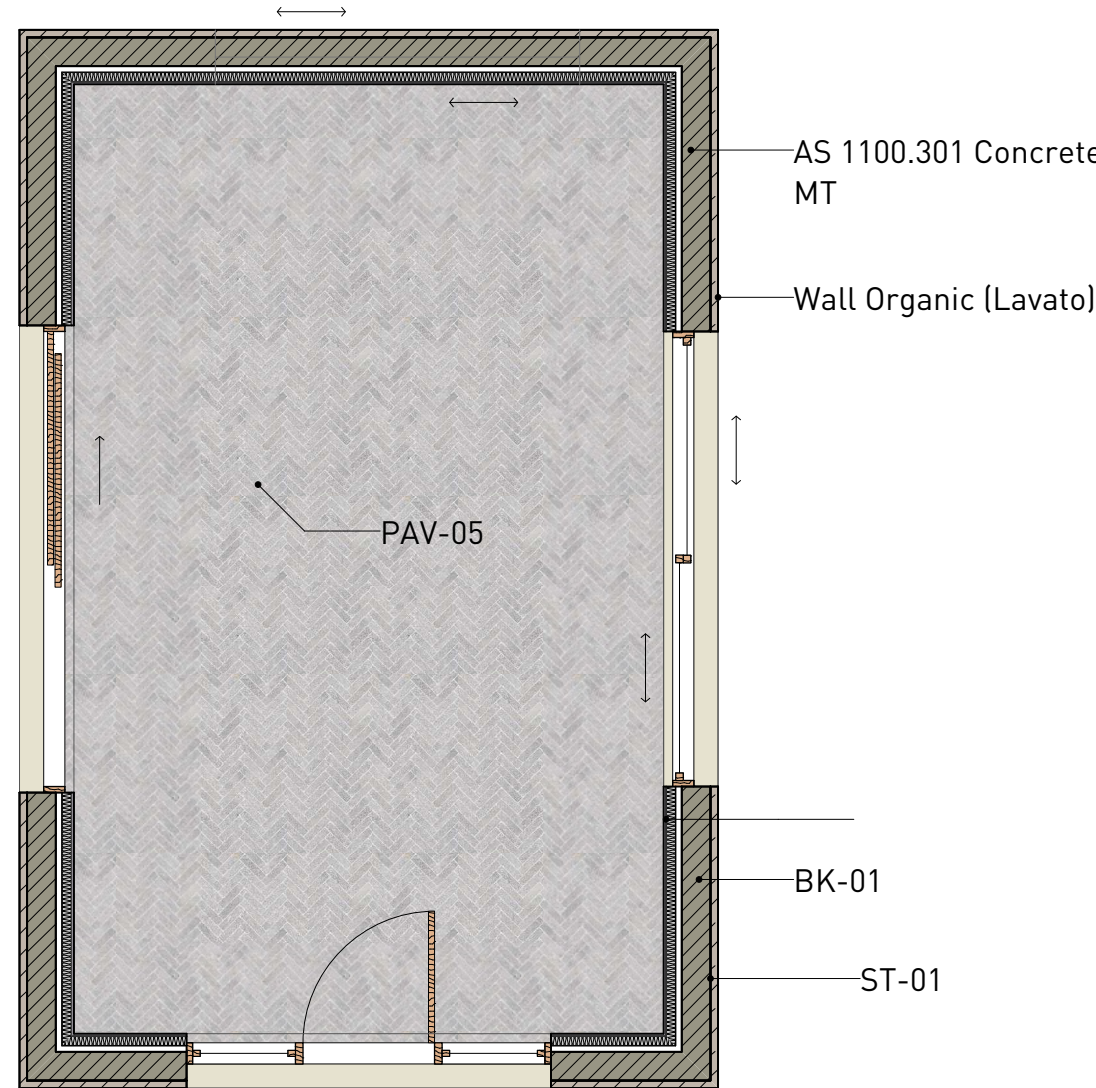
TD

DAT E

REV.

(DATA) TAGGING MATERIALS

- Component Selection (Subpart Mode)
- Material
- Wall Style



WORKSHEET NEW FEATURES

- New User Interface
- Worksheet Slicing

Material Take-off

Material Name	Category	Description
AS 1100.301 Earth MT		Material Description-Note TEST v10
AS 1100.301 Fill MT		Material Description-Note TEST v10
Concrete Exposed (Buller Flakes) MT	Concrete-Finish	Exposed aggregate concrete. Pedestrian. General cement 32MPs (confirm). 100mm wearing layer, 100mm compacted fill, natural subgrade. Aggregate mix to manufacturer's specification.
Natural Stone Granite (Highland Grey 600x400 stretcher) MT	Stone-Finish	Material Description-Note TEST
Crushed Stone (compacted) MT		This material is used in Vectorworks standard styles as a form of construction aggregate, typically used for road construction, hardscape pavements, and other projects that require pedestrian and vehicular traffic.
Crazy Paving (Kuro) MT	Stone-Finish	Material Description-Note TEST
AS 1100.301 Concrete Block MT	Masonry	Material Description-Note TEST v10
AS 1100.301 Steel Framing (ins.) MT	Metal	Material Description-Note TEST v10
Plasterboard Gyprock (Dulux® Natural White) MT	Sheathing	Gyprock Plus is a premium, lightweight 10mm thick plasterboard with a thicker face paper that produces a crisper score and snap experience with cleaner cuts and squarer edges. Optimised Core technology also provides greater breaking strength in a substantially lighter board that continues to exceed the performance requirements of Australian Standard AS/NZS 2588. Used as a wall lining option in residential applications but can also be used on ceilings.
AS1100.301 Timber Dressed MT		Material Description-Note TEST v10
AS1100.301 Steel Structural MT		Material Description-Note TEST v10
AS1100.301 Steel Framing MT		Material Description-Note TEST v10
AS1100.301 Glass MT		Material Description-Note TEST v10
AS 1100.301 Timber Framing (ins.) MT	Wood	Material Description-Note TEST v10



DEMO: MATERIAL DATA ENTRY





HOME WORK: CREATING, MANAGING + CUSTOMISING DOCUMENT TRANSMITTALS





DWG IMPORT WORKFLOW

- Shuttle File method
- DXF/DWG Import Options
 - > Advanced
 - > Conversion
 - > Convert Objects to:
 - > All 2D or All 3D

