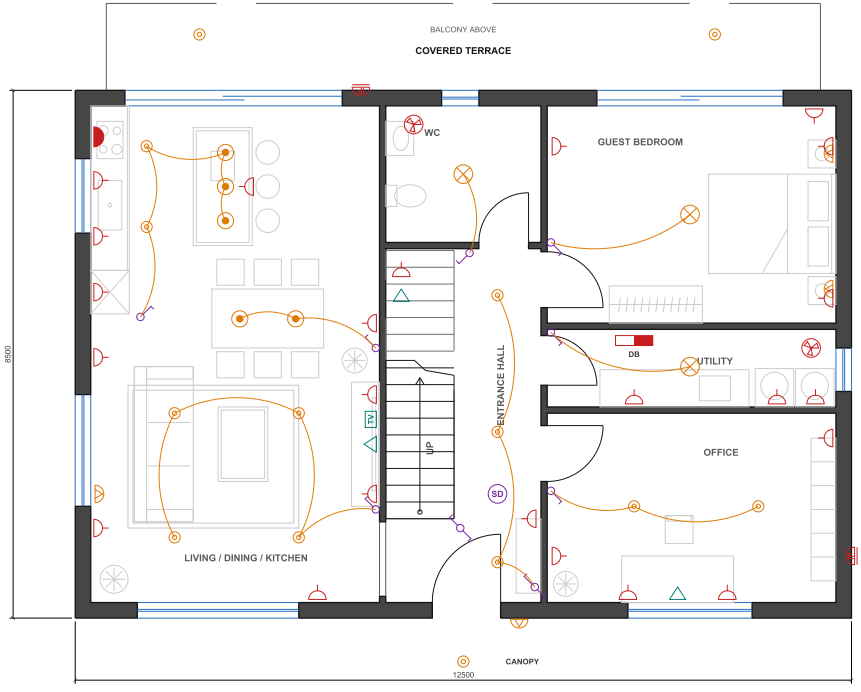


N

ELECTRICAL LEGEND

- Double socket outlet 16 A, h=300
- Dedicated outlet 32 A (hob / oven)
- IP — Weatherproof outdoor socket IP55
- One-way switch, h=1100
- Two-way switch, h=1100
- Ceiling light point
- LED recessed downlight
- Pendant light
- Wall light / bedside reading light
- Data outlet RJ45 Cat 6
- TV — TV / SAT outlet
- Distribution board (DB)
- Extract fan (MVHR / VMC)
- SD — Smoke detector, interlinked

BUILDPIXEL STUDIO

2D DRAFTING · 3D VISUALIZATION · BIM

PROJECT
VILLA HORIZON — MEP LAYOUT

DRAWING
ELECTRICAL LAYOUT — GROUND FLOOR

SCALE	DATE	SHEET	REV
1:50 @ A3	31/10/2026	E101	A

SAMPLE / CONCEPT PROJECT

Indicative layout — to be validated by MEP engineer

Drawn with ezdxf / AutoCAD-compatible DWG · dimensions in mm



N

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BUILDPIXEL STUDIO

2D DRAFTING · 3D VISUALIZATION · BIM

PROJECT
VILLA HORIZON — MEP LAYOUT

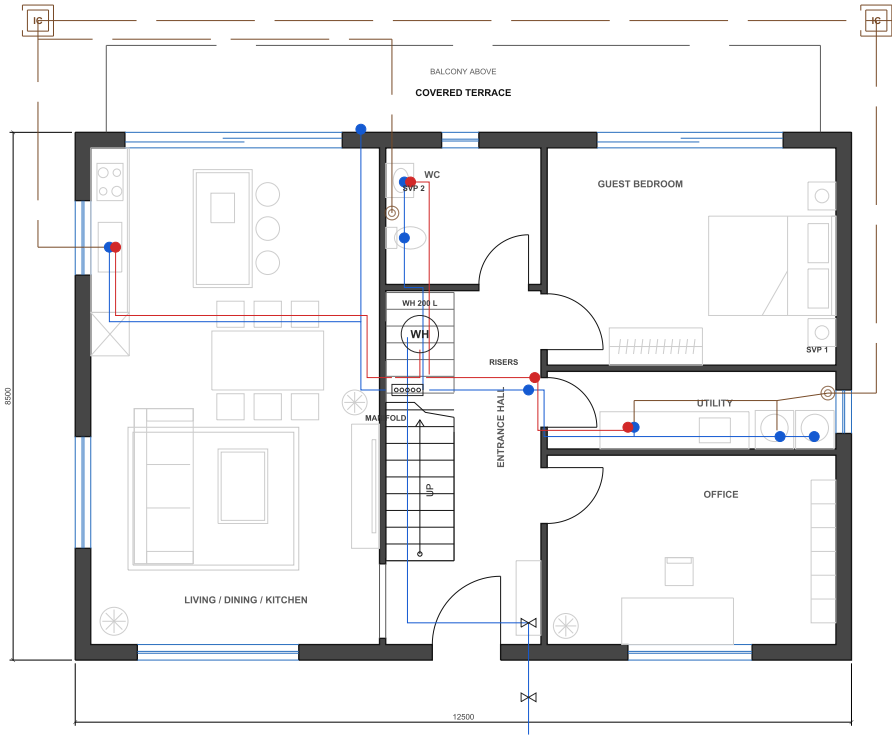
DRAWING
ELECTRICAL LAYOUT — FIRST FLOOR

SCALE	DATE	SHEET	REV
1:50 @ A3	31/10/2026	E102	A

SAMPLE / CONCEPT PROJECT

Indicative layout — to be validated by MEP engineer

Drawn with ezdxf / AutoCAD-compatible DWG · dimensions in mm



N

PLUMBING LEGEND

- IC — Cold water supply (PEX Ø16–20)
- TO SE — Hot water supply (PEX Ø16, insulated)
- Waste / soil pipe (PVC Ø40–110)
- Cold water connection point
- Hot water connection point
- Soil & vent stack Ø110 (SVP)
- Floor / shower drain
- Stop valve
- WH — Heat-pump water heater 200 L
- CW / HW distribution manifold
- IC — Inspection chamber (external)

- Stacks SVP 1 / SVP 2 continuous GF→roof
- Waste falls min. 1 %
- All pipe runs schematic

BUILDPIXEL STUDIO

2D DRAFTING · 3D VISUALIZATION · BIM

PROJECT
VILLA HORIZON — MEP LAYOUT

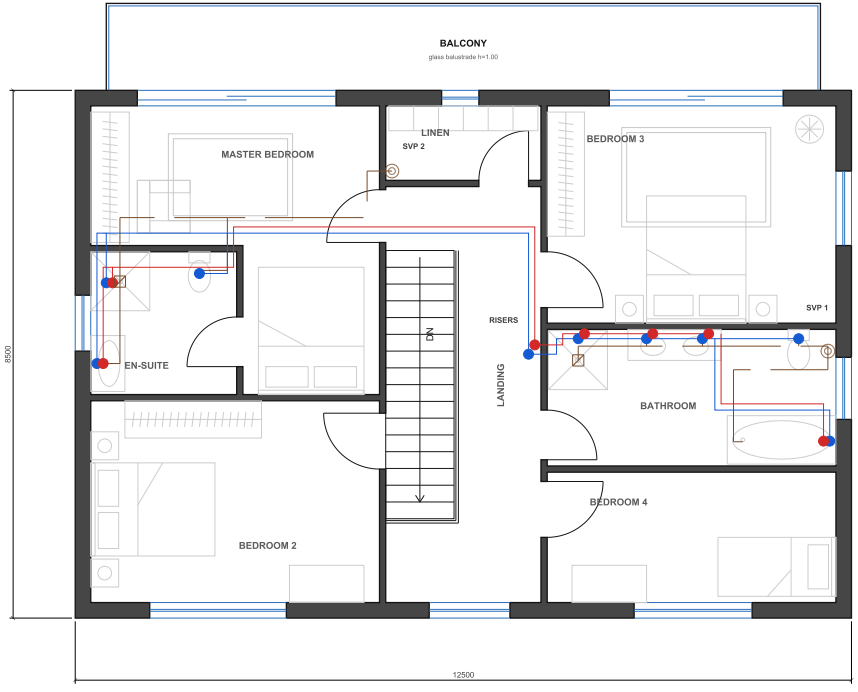
DRAWING
PLUMBING LAYOUT — GROUND FLOOR

SCALE	DATE	SHEET	REV
1:50 @ A3	31/10/2026	P101	A

SAMPLE / CONCEPT PROJECT

Indicative layout — to be validated by MEP engineer

Drawn with ezdxf / AutoCAD-compatible DWG · dimensions in mm



N

PLUMBING LEGEND

- Cold water supply (PEX ⌀16–20)
- Hot water supply (PEX ⌀16, insulated)
- Waste / soil pipe (PVC ⌀40–110)
- Cold water connection point
- Hot water connection point
- Soil & vent stack ⌀110 (SVP)
- Floor / shower drain
- Stop valve
- WH — Heat-pump water heater 200 L
- CW / HW distribution manifold
- IC — Inspection chamber (external)

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BUILDPIXEL STUDIO
2D DRAFTING · 3D VISUALIZATION · BIM

PROJECT
VILLA HORIZON — MEP LAYOUT

DRAWING
PLUMBING LAYOUT — FIRST FLOOR

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SAMPLE / CONCEPT PROJECT
Indicative layout — to be validated by MEP engineer

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