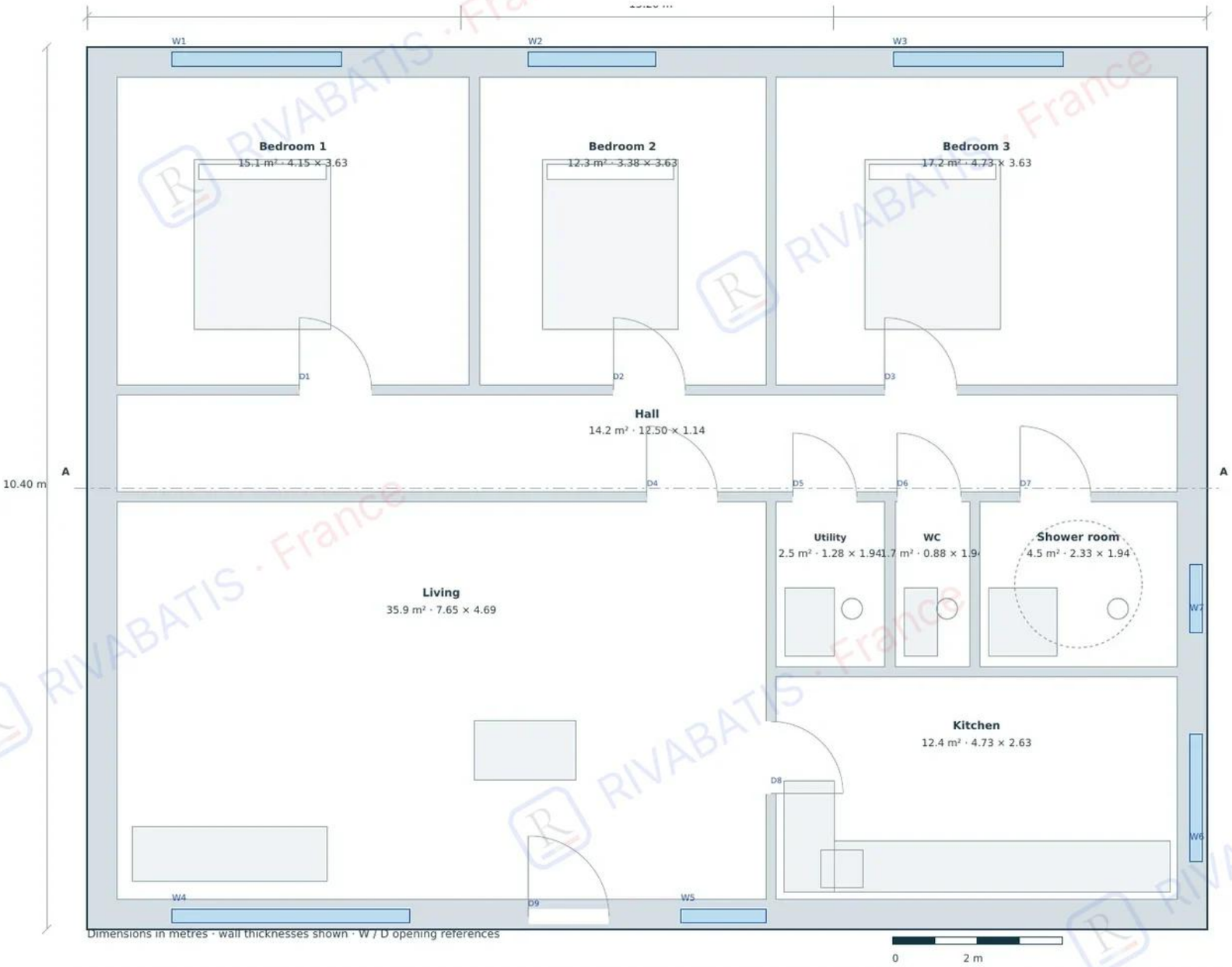
Ground floor plan



SPECIFICATION / MATERIALS

E1	Legrand Dooxie / Céliane · earthed sockets
E2	Nexans H07V-U / U-1000 R2V
E3	Schneider Resi9 / Acti9 · protection
E4	30 mA RCD · types A/F · continuous PE
E5	Philips CoreLine LED · DCL / IP44 / IP65
L	Brown live · black return · 1.5/2.5/6 mm²
N	Blue neutral · same cross-section as L
PE	Green-yellow · earth / bonding
P1	Comap MultiSkin · Ø16×2 / Ø20×2 / Ø26×3
P2	Nicoll PVC · waste Ø40/50 · soil Ø100
P3	Jacob Delafon Odéon Up / Porcher
P4	Grohe Eurosmart / Hansgrohe Talis
H1	Atlantic Alféa / Daikin Altherma
H2	Thermor Aéromax · ECS / DHW
V1	Aldes EasyHOME Hygro / InspirAIR
S1	Porotherm GF R20 Th+ · 500×200×299
S2	Ytong Compact 20 · 625×200×250
S3	Fabemi B40 / Alkern BC20 · 500×200×200
I1	Isover GR32 / Knauf · Placo BA13
W1	K-Line KL-BC / Technal SOLEAL
W2	DV 4/16 Ar/4 FE · warm-edge · Ug 1.1
F1	Marazzi / Porcelanosa / Atlas Concorde
F2	Webercol flex comfort C2S1 · Weberjoint
F3	Tollens Idrotop / Seigneurie Evolutex
R1	Terreal / Edilians · ou SOPREMA toiture

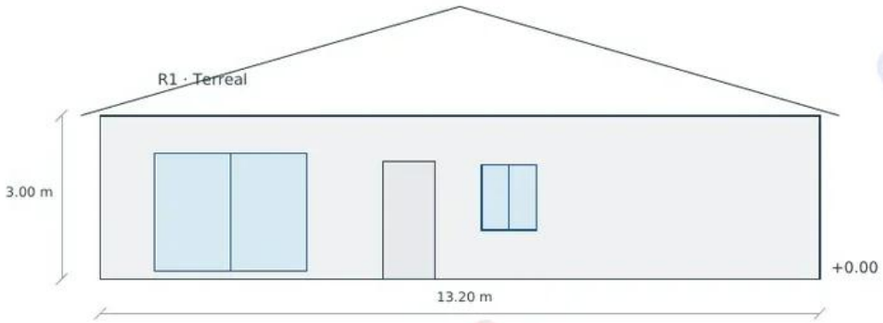
DESIGN REFERENCES

NF C 15-100 (2024) · NF DTU 60.1/60.11 · DTU 20.1 · 61.1 · RE2020 · Eurocodes

Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Front elevation and section A–A

SOUTH ELEVATION · W1/W2



SECTION A–A · WALL S1 / I1 / I2



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R1	Terreal / Edilians · ou SOPREMA toiture

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Window and door schedule

NOMINAL OPENING DIMENSIONS · W1/W2

ID	Width × height (m)	Construction	Reference
W1	2.00 × 1.20	Aluminium, low-e argon DG	W1/W2
W2	1.50 × 1.20	Aluminium, low-e argon DG	W1/W2
W3	2.00 × 1.20	Aluminium, low-e argon DG	W1/W2
W4	2.80 × 2.15	Aluminium, low-e argon DG	W1/W2
W5	1.00 × 1.20	Aluminium, low-e argon DG	W1/W2
W6	1.50 × 1.20	Aluminium, low-e argon DG	W1/W2
W7	0.80 × 1.20	Aluminium, low-e argon DG	W1/W2
D1	0.85 × 2.15	Door set / stated passage	F3
D2	0.85 × 2.15	Door set / stated passage	F3
D3	0.85 × 2.15	Door set / stated passage	F3
D4	0.83 × 2.15	Door set / stated passage	F3
D5	0.75 × 2.15	Door set / stated passage	F3
D6	0.75 × 2.15	Door set / stated passage	F3
D7	0.83 × 2.15	Door set / stated passage	F3
D8	0.85 × 2.15	Door set / stated passage	F3
D9	0.95 × 2.15	Door set / stated passage	F3

Glazing: 4/16 argon/4 low-e, Ug 1.1 W/m².K. Safety locations use laminated 44.2, including pools and low-level glazing. Windows incorporate coordinated ventilation inlets and solar shading.

SPECIFICATION / MATERIALS

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I1	Isover GR32 / Knauf · Placo BA13
W1	K-Line KL-BC / Technal SOLEAL
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F1	Marazzi / Porcelanosa / Atlas Concorde
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DESIGN REFERENCES

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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Masonry, glazing, finishes and quantities

MASONRY / BLOCKS · MANUFACTURER DATA

Tag / product	L × t × H (mm)	R (m².K/W)
S1 Porotherm GF R20 Th+	500 × 200 × 299	1.48–1.50
S2 Xella Ytong Compact 20	625 × 200 × 250	1.82
S3 Fabemi creux B40	500 × 200 × 200	0.23
S3b Alkern BC20 B40	500 × 200 × 200	Product declaration

R values for masonry alone. S1: 29 January 2025 sheet, plant-specific value. I1 GR32 120 mm: R = 3.75. Selected wall build-up: render 15 + block 200 + insulation 120 + plasterboard 13 = 348 mm.

TILES / STONE / GLAZING

ID	Space	Brand / range	Format / build-up
F1	Living / circulation	Marazzi Mystone	60×60 / 80×80
F1-P	Villa / prestige	Porcelanosa / Atlas Concorde	120×120 / 120×240
F1-B	Wet rooms	Marazzi / Porcelanosa	60×60; douche 5×5
F1-E	Terrace / pool	Atlas Concorde OUT / pierre	60×60×20 / 40×60
F2	Adhesive / grout	Webercol flex comfort C2S1	Weberjoint / étanchéité
W1/W2	Windows / glazing	K-Line / Technal SOLEAL	DV 4/16 Ar/4 FE · Ug 1.1
W2-S	Pool-side glazing	Saint-Gobain Stadip Protect	44.2/16 Ar/44.2 FE
F3	Walls / ceilings	Tollens / Seigneurie	velours / mat A+

GEOMETRIC TAKE-OFF · BOQ BASIS

Item	Quantity / formula
Gross area / floor	137.28 m²
External perimeter	47.20 m
Gross facade · 3 m / floor	141.6 m²
200 mm slab concrete / floor	27.46 m³
Internal finishes · drawn clear rooms	115.8 m²
S1 bricks · 6.6/m² of net masonry	Quantity = net wall area × 6.6

SPECIFICATION / MATERIALS

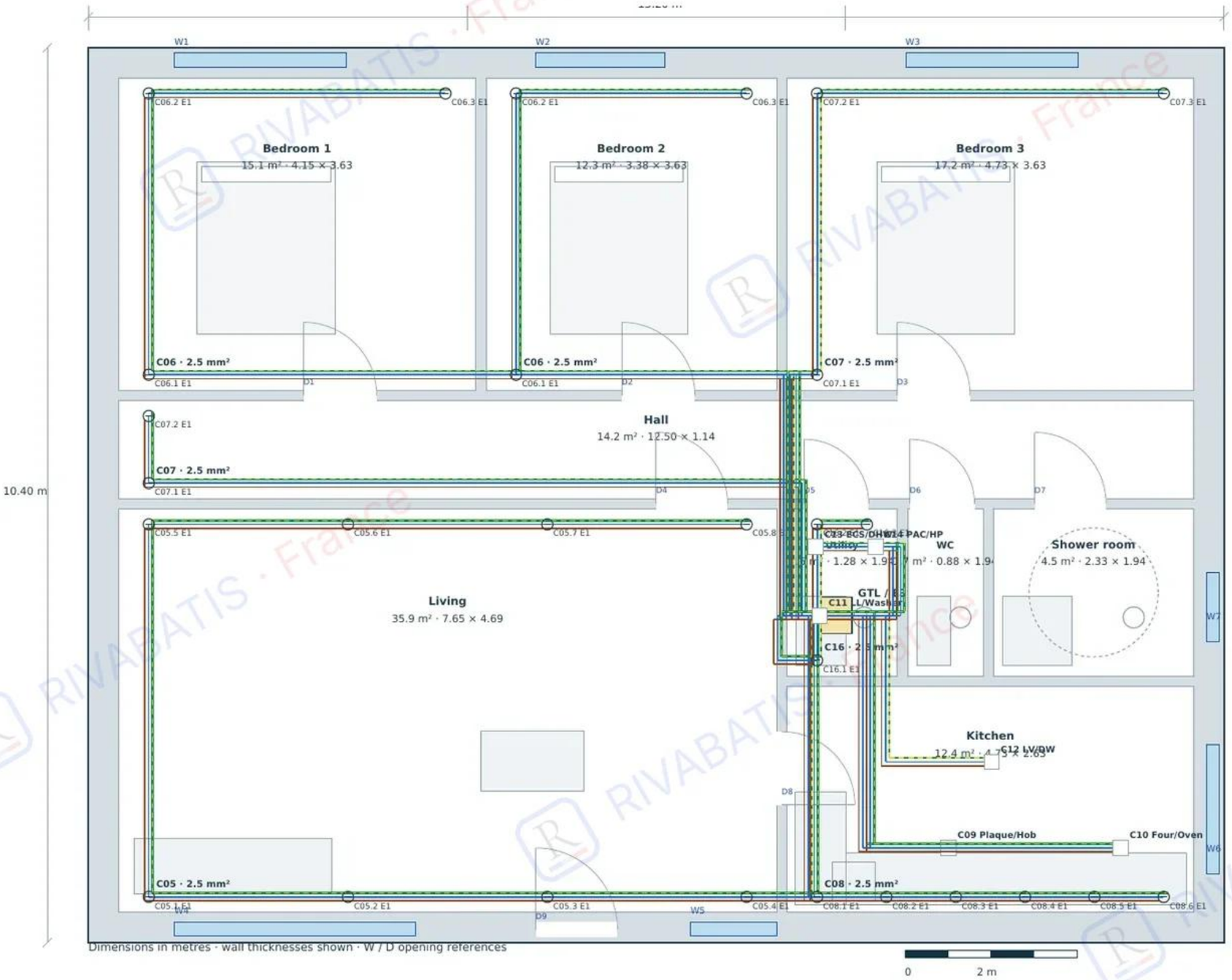
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F3 Tollens Idrotop / Seigneurie Evolutex
R1 Terreal / Edilians · ou SOPREMA toiture

DESIGN REFERENCES

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Electrical plan: sockets and wiring



Dimensions in metres · wall thicknesses shown · W / D opening references

SPECIFICATION / MATERIALS

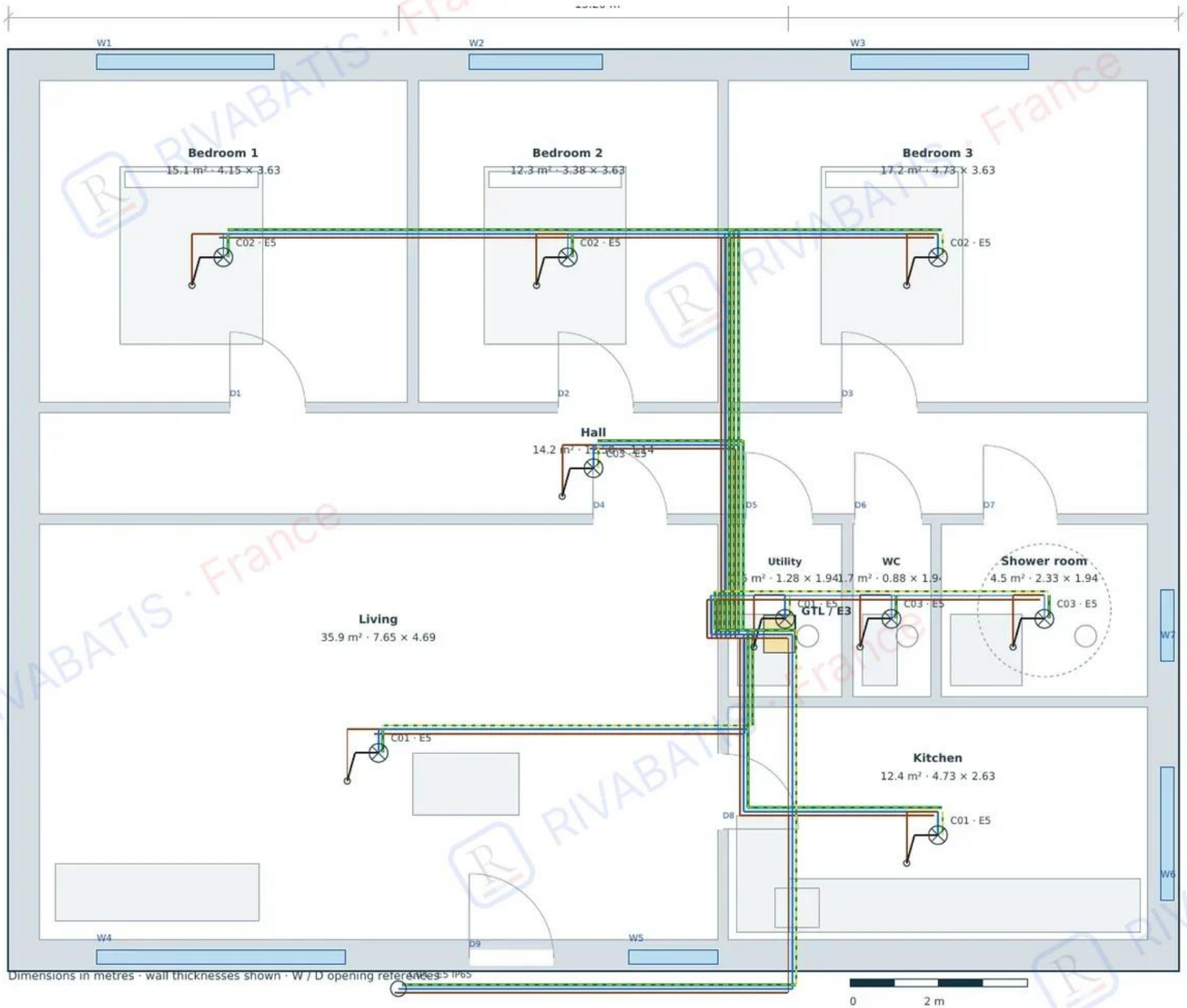
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DESIGN REFERENCES

NF C 15-100 (2024) · NF DTU 60.1/60.11 · DTU 20.1 · 61.1 · RE2020 · Eurocodes

Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Electrical plan: lighting and switching



SPECIFICATION / MATERIALS

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DESIGN REFERENCES

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Consumer unit: diagram and circuits



ID	Destination	mm²	MCB	RCD
C01	Living/kitchen lights	1.5	10 A	A1
C02	Bedroom lights	1.5	10 A	A2
C03	Wet rooms / hall lights	1.5	10 A	A1
C04	External lights	1.5	10 A	A2
C05	Living sockets ×8	2.5	20 A	A2
C06	Bed 1+2 sockets ×6	2.5	20 A	A1
C07	Bed 3 / hall sockets ×5	2.5	20 A	A2
C08	Kitchen sockets ×6	2.5	20 A	A1
C09	Hob / cooker	6	32 A	A1
C10	Oven	2.5	20 A	A2
C11	Washing machine	2.5	20 A	A1
C12	Dishwasher	2.5	20 A	A2
C13	DHW cylinder	2.5	20 A	F3
C14	Heat pump	2.5	20 A	F3
C15	VMC	1.5	2 A	F3
C16	Utility sockets ×3	2.5	20 A	A2

Brown L · blue N · green-yellow PE; PE bypasses RCDs/MCBs · NF C 15-100 2024 series

SPECIFICATION / MATERIALS

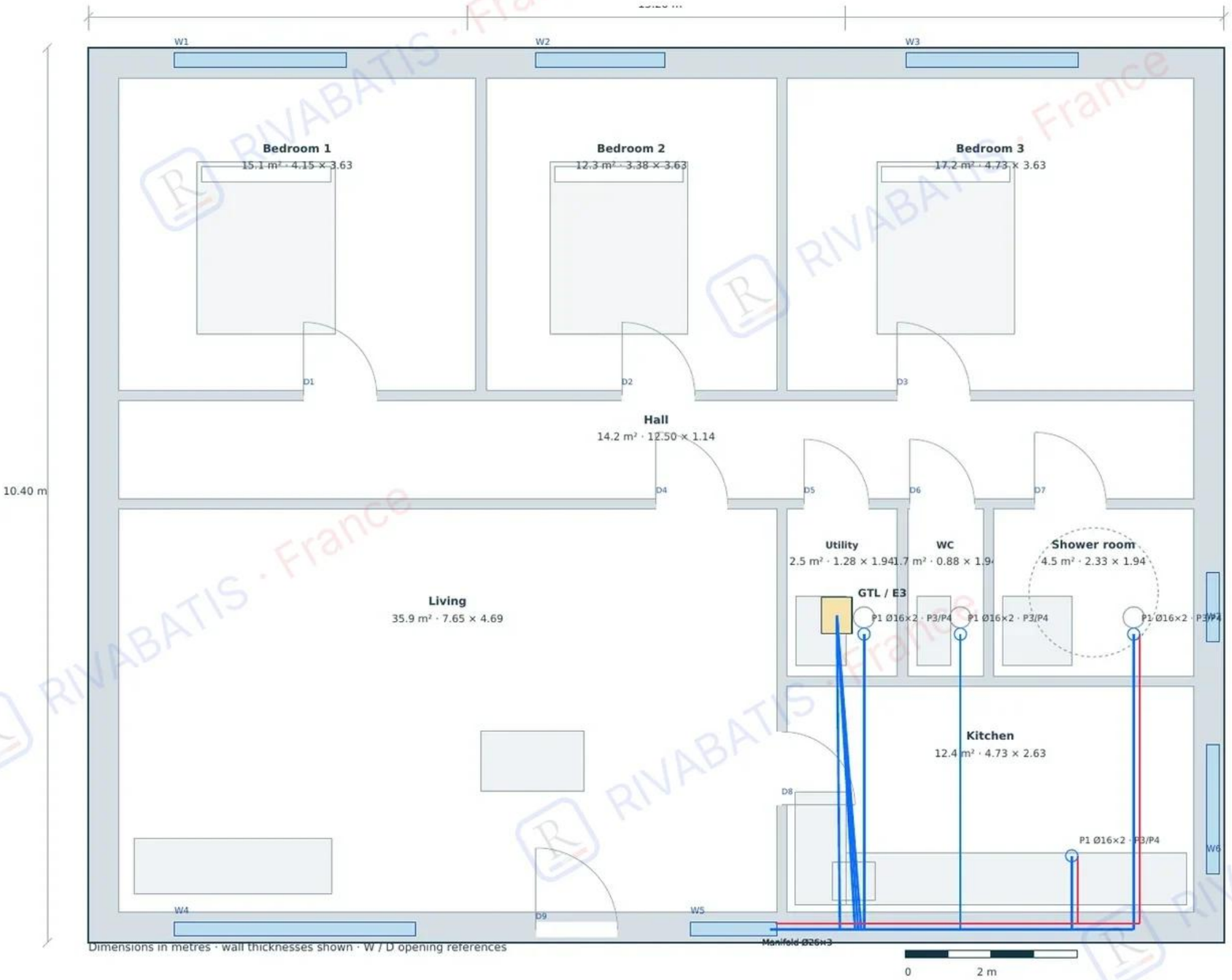
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DESIGN REFERENCES

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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Plumbing plan: cold and hot water



SPECIFICATION / MATERIALS

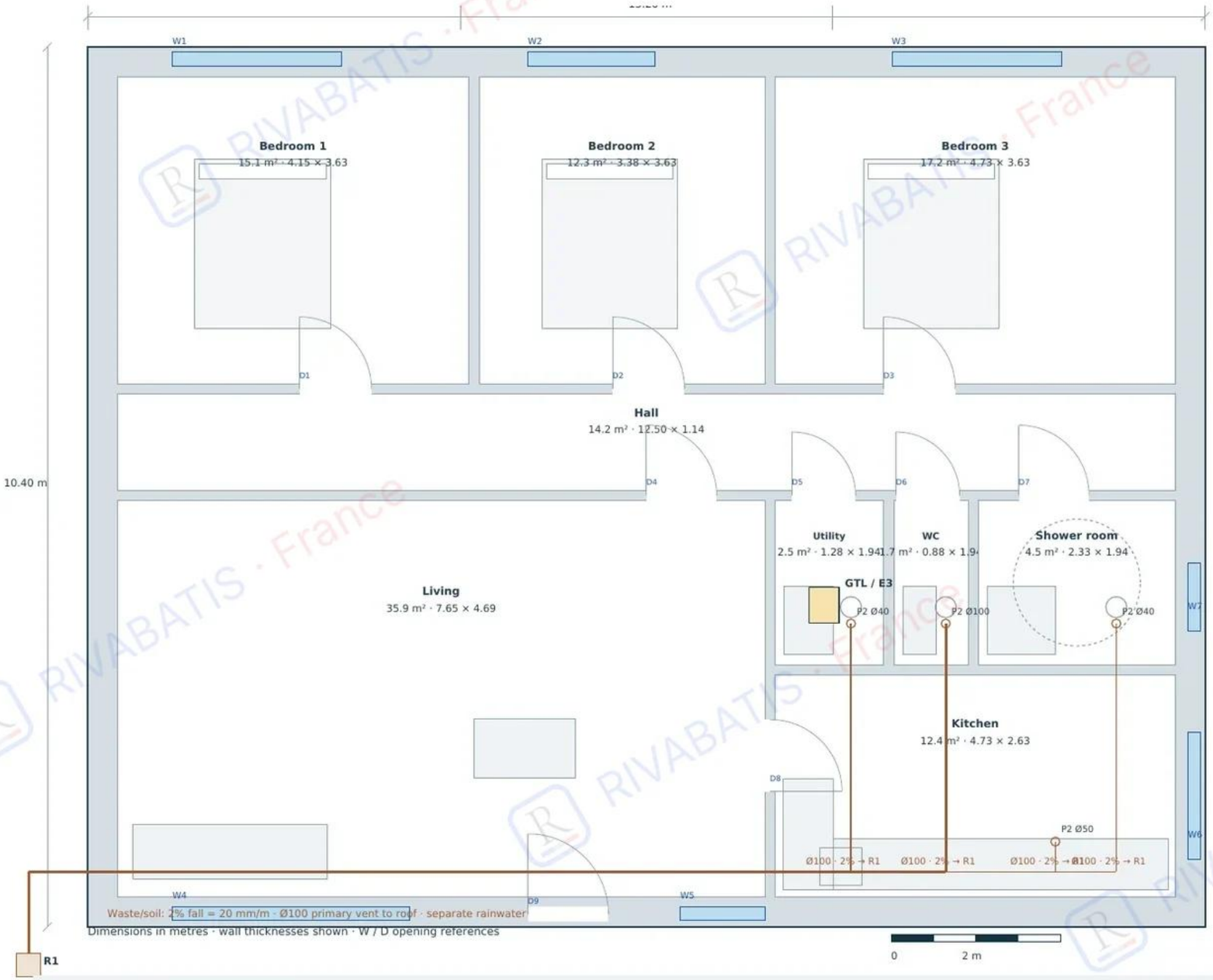
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Drainage plan: waste and soil



SPECIFICATION / MATERIALS

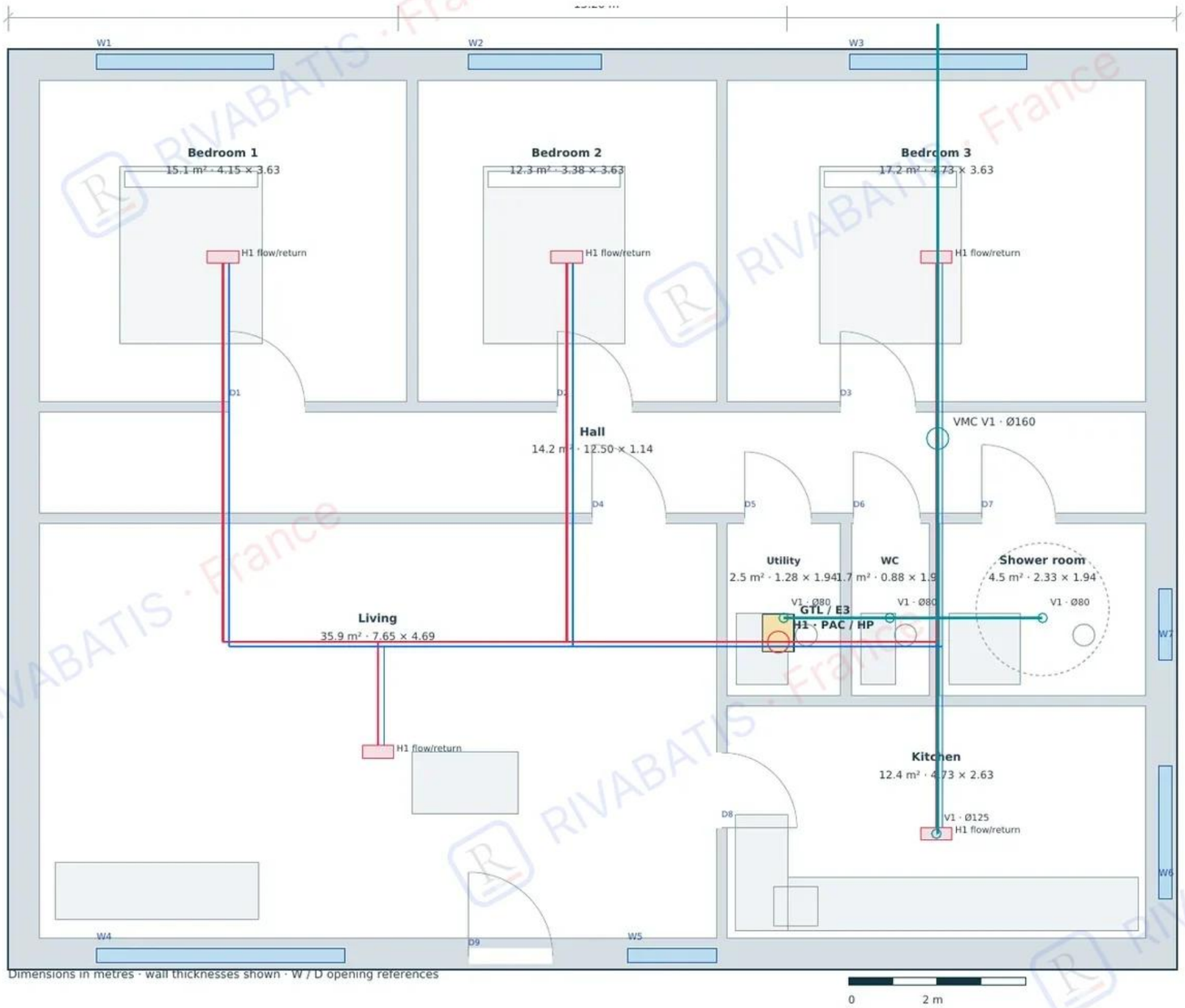
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Heating, cooling and ventilation plan



SPECIFICATION / MATERIALS

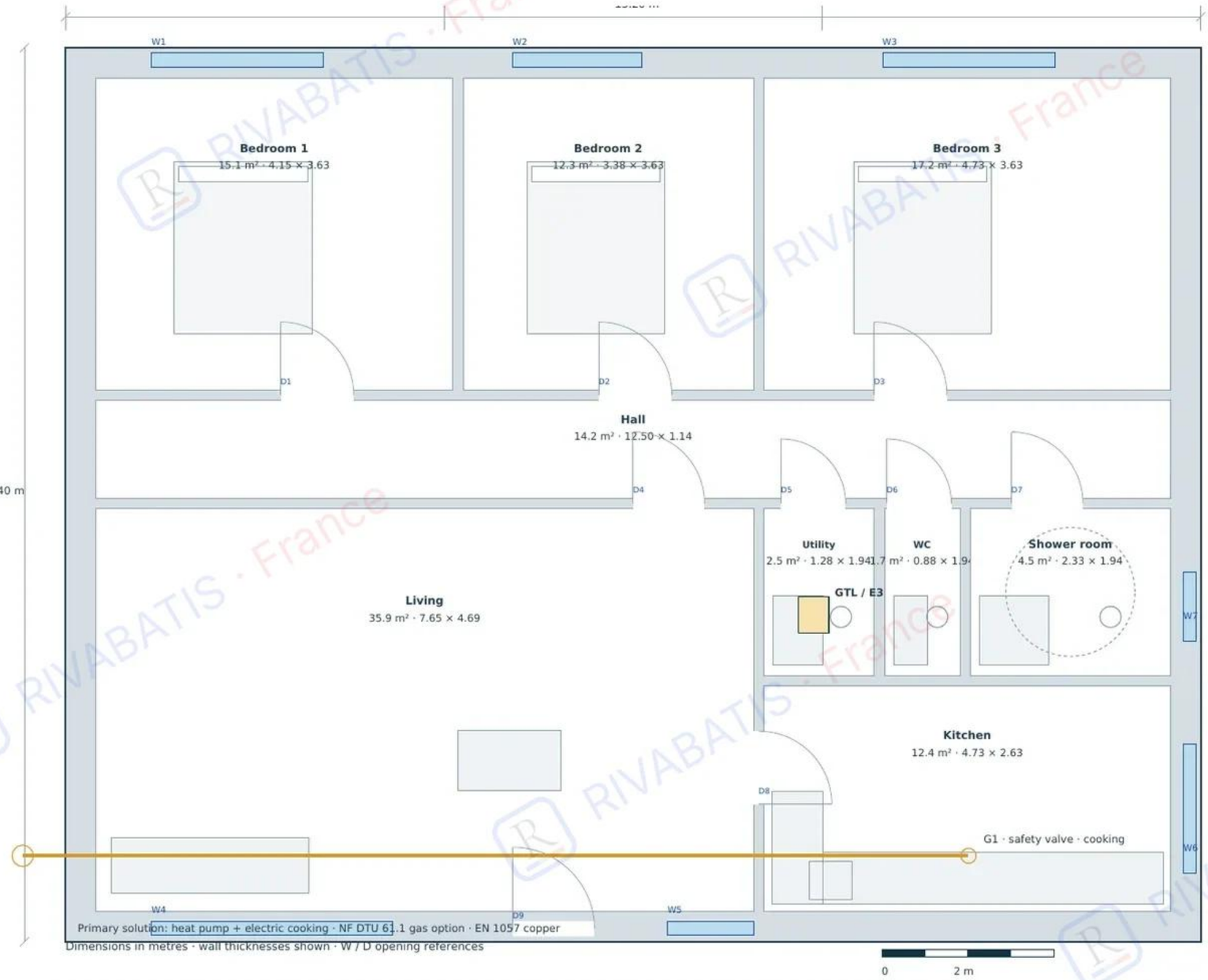
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Gas option: cooking



SPECIFICATION / MATERIALS

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F2	Webercol flex comfort C2S1 · Weberjoint
F3	Tollens Idrotop / Seigneurie Evolutex
R1	Terreal / Edilians · ou SOPREMA toiture

DESIGN REFERENCES

NF C 15-100 (2024) · NF DTU 60.1/60.11 · DTU 20.1 · 61.1 · RE2020 · Eurocodes

Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Technology, quality and finish ranges

A SERVICE FOR EVERY PROJECT AND EVERY BUDGET

Accessible and Essential packages for working households and families; Premium for homeowners, businesses and investors; Prestige for exceptional villas and bespoke projects. The same coordination, transparency and quality principles support every tier.

BIM / Revit	Coordinated 2D plans, schedules, clash reviews, quantities and version control. PDF/IFC deliverables.
Laser / drone	Site survey, point cloud and orthophoto; setting out and earthworks progress comparison.
Préfabrication	Precast slabs, stairs and preassembled panels to streamline interfaces and programme.
RE2020	Regulatory Bbio/Cep/DH and carbon modelling; comparison of heat pumps, glazing and solar shading.
Smart home	Legrand Céliane with Netatmo; villa: SpaceLogic KNX scenes, submetering and local controls.
PAC / solaire	Atlantic / Daikin low-temperature systems and PV with Fronius inverter; energy monitoring.
Suivi numérique	Daily log, geotagged photos, QA inspections, client approvals and payment milestones in the portal.

HANDOVER VERIFICATION

Water pressure tests and flushing; drainage testing; PE continuity, insulation and RCD tests; ventilation balancing; heat-pump commissioning; as-built dossier and maintenance instructions.

SPECIFICATION / MATERIALS

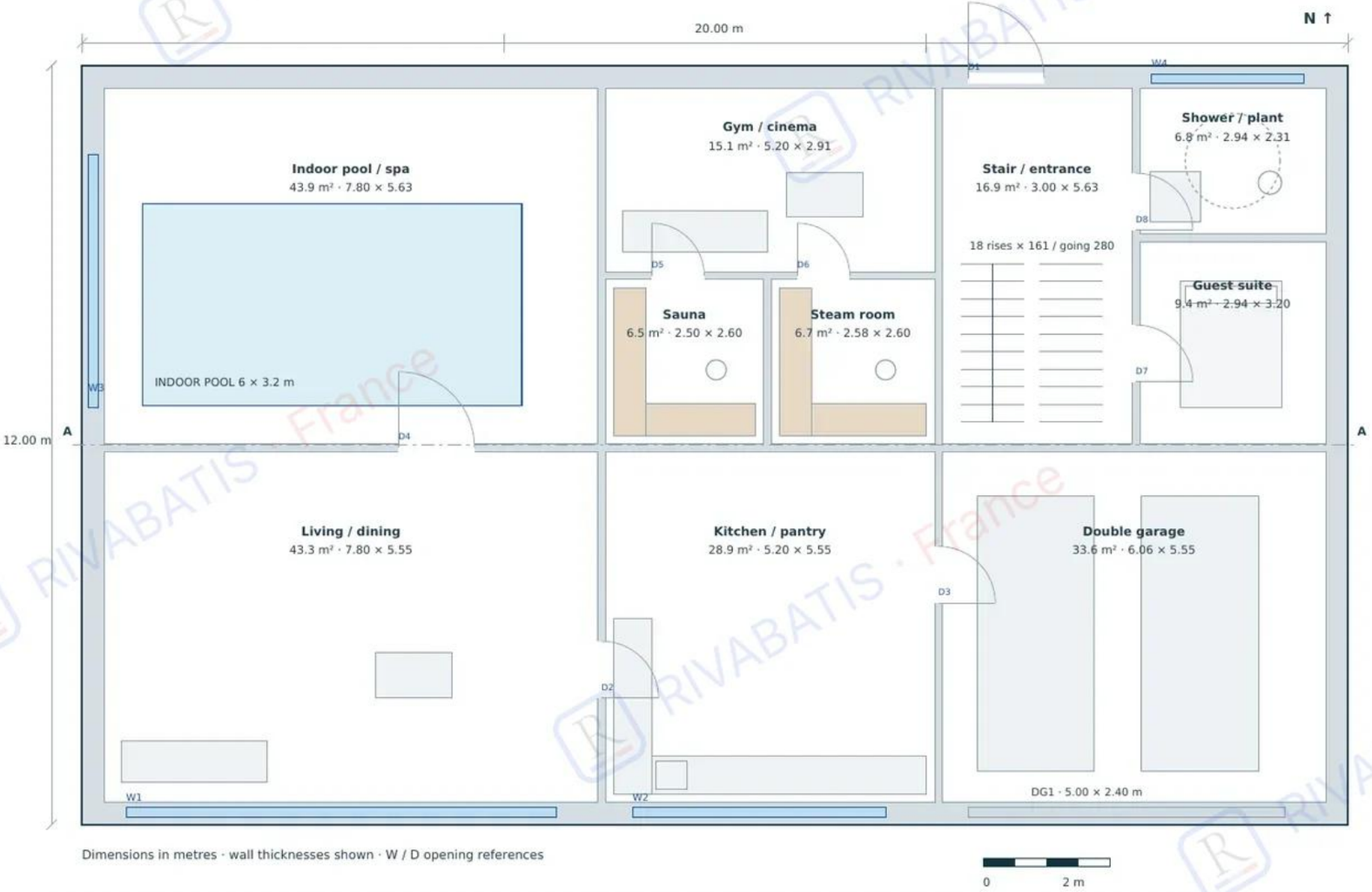
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E2	Nexans H07V-U / U-1000 R2V
E3	Schneider Resi9 / Acti9 · protection
E4	30 mA RCD · types A/F · continuous PE
E5	Philips CoreLine LED · DCL / IP44 / IP65
L	Brown live · black return · 1.5/2.5/6 mm²
N	Blue neutral · same cross-section as L
PE	Green-yellow · earth / bonding
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P4	Grohe Eurosmart / Hansgrohe Talis
H1	Atlantic Alféa / Daikin Altherma
H2	Thermor Aéromax · ECS / DHW
V1	Aldes EasyHOME Hygro / InspirAIR
S1	Porotherm GF R20 Th+ · 500×200×299
S2	Ytong Compact 20 · 625×200×250
S3	Fabemi B40 / Alkern BC20 · 500×200×200
I1	Isover GR32 / Knauf · Placo BA13
W1	K-Line KL-BC / Technal SOLEAL
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DESIGN REFERENCES

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Ground floor plan



Dimensions in metres · wall thicknesses shown · W / D opening references

SPECIFICATION / MATERIALS

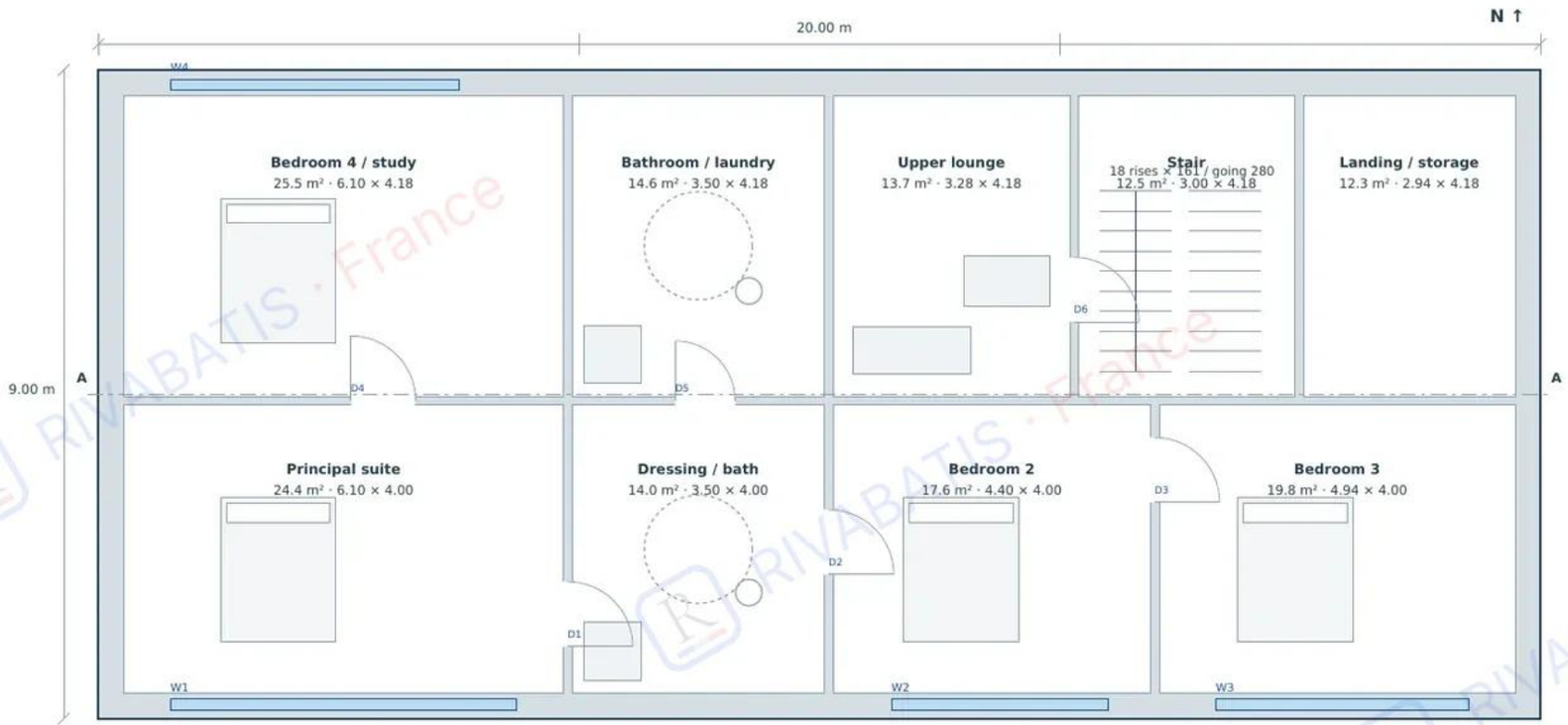
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SP1	Harvia Vega BC80 / Klafs · sauna
SP2	Harvia HGX · hammam / steam
SEC	Somfy Ixengo / Axis / Netatmo
SA-E	Harvia sauna light · silicone H07G-K

DESIGN REFERENCES

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Upper floor plans



Dimensions in metres · wall thicknesses shown · W / D opening references

0 2 m

SPECIFICATION / MATERIALS

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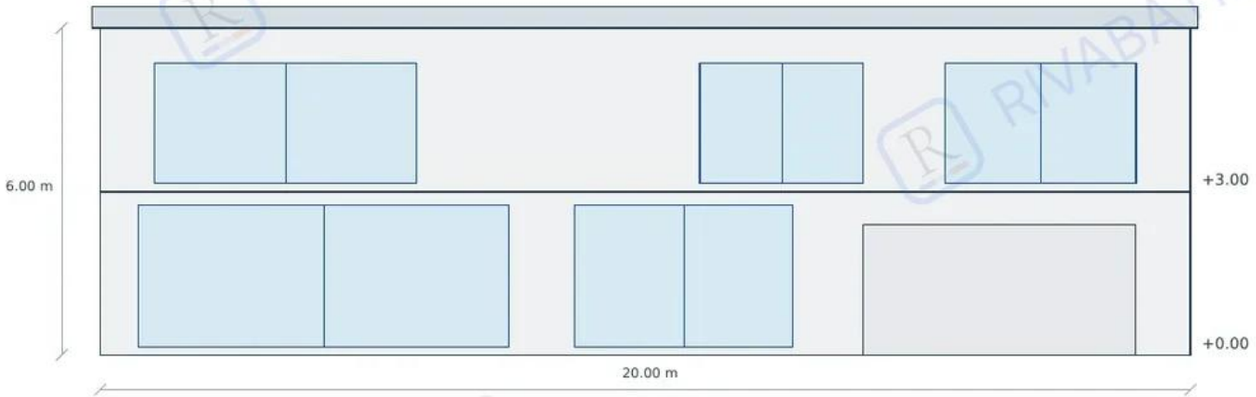
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Front elevation and section A–A

SOUTH ELEVATION · W1/W2



SECTION A–A · WALL S1 / I1 / I2



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DESIGN REFERENCES

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Window and door schedule

NOMINAL OPENING DIMENSIONS · W1/W2

ID	Width × height (m)	Construction	Reference
R0-W1	6.80 × 2.60	Aluminium, low-e argon DG	W1/W2
R0-W2	4.00 × 2.60	Aluminium, low-e argon DG	W1/W2
R0-W3	4.00 × 2.60	Aluminium, low-e argon DG	W1/W2
R0-W4	2.40 × 2.60	Aluminium, low-e argon DG	W1/W2
R1-W1	4.80 × 2.60	Aluminium, low-e argon DG	W1/W2
R1-W2	3.00 × 2.60	Aluminium, low-e argon DG	W1/W2
R1-W3	3.50 × 2.60	Aluminium, low-e argon DG	W1/W2
R1-W4	4.00 × 2.60	Aluminium, low-e argon DG	W1/W2
R0-D1	1.20 × 2.15	Door set / stated passage	F3
R0-D2	0.90 × 2.15	Door set / stated passage	F3
R0-D3	0.90 × 2.15	Door set / stated passage	F3
R0-D4	1.20 × 2.15	Door set / stated passage	F3
R0-D5	0.83 × 2.15	Door set / stated passage	F3
R0-D6	0.83 × 2.15	Door set / stated passage	F3
R0-D7	0.90 × 2.15	Door set / stated passage	F3
R0-D8	0.90 × 2.15	Door set / stated passage	F3
R1-D1	0.90 × 2.15	Door set / stated passage	F3
R1-D2	0.90 × 2.15	Door set / stated passage	F3
R1-D3	0.90 × 2.15	Door set / stated passage	F3
R1-D4	0.90 × 2.15	Door set / stated passage	F3
R1-D5	0.83 × 2.15	Door set / stated passage	F3
R1-D6	0.90 × 2.15	Door set / stated passage	F3

Glazing: 4/16 argon/4 low-e, Ug 1.1 W/m².K. Safety locations use laminated 44.2, including pools and low-level glazing. Windows incorporate coordinated ventilation inlets and solar shading.

SPECIFICATION / MATERIALS

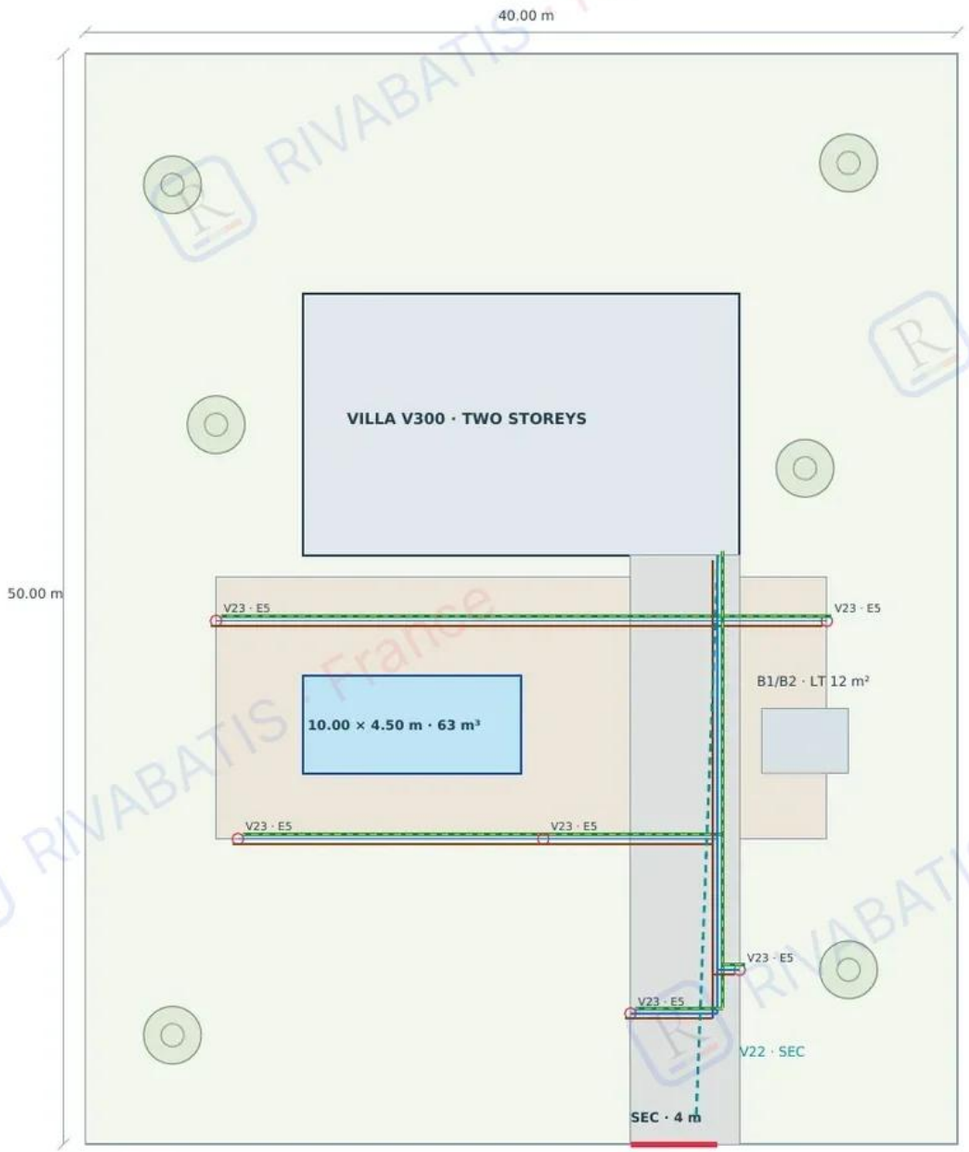
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E4 30 mA RCD · types A/F · continuous PE
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L Brown live · black return · 1.5/2.5/6 mm²
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V1 Aldes EasyHOME Hygro / InspirAIR
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R1 Terreal / Edilians · ou SOPREMA toiture
V2 KNX Schneider SpaceLogic / Legrand Netatmo
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B2 AquaRite Flo Advanced / Zodiac Z400iQ
SP1 Harvia Vega BC80 / Klafs · sauna
SP2 Harvia HGX · hammam / steam
SEC Somfy Ixengo / Axis / Netatmo
SA-E Harvia sauna light · silicone H07G-K

DESIGN REFERENCES

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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Site plan: outdoor pool and landscaping



Plot: 2,000 m². Outdoor pool 10 × 4.5 × 1.4 m, automatic safety cover, natural-stone terrace, outdoor shower and 12 m² plant room.

SEC: Somfy Ixengo gate, Legrand Classe 300EOS video entry, Axis/Netatmo cameras and perimeter detection.

Landscape: separate garage drive, IP65 path lights, Rain Bird irrigation and rainwater attenuation/infiltration.

Pool: NF P90-308 certified cover, 12 V SELV lights, supplementary bonding and equipment coordinated with NF C 15-100 section 702 zones.

SPECIFICATION / MATERIALS

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DESIGN REFERENCES

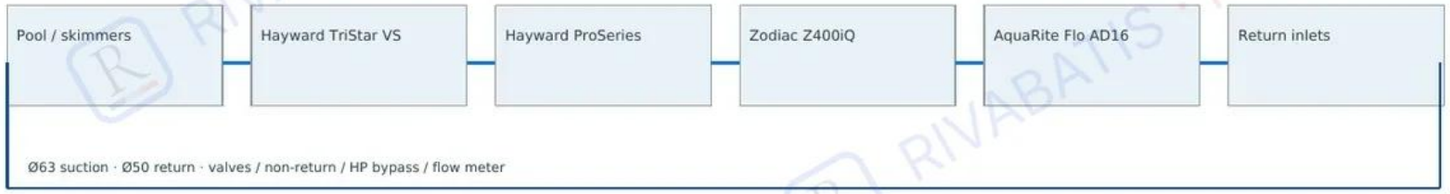
NF C 15-100 (2024) · NF DTU 60.1/60.11 · DTU 20.1 · 61.1 · RE2020 · Eurocodes

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Pools and spa: hydraulics and plant room

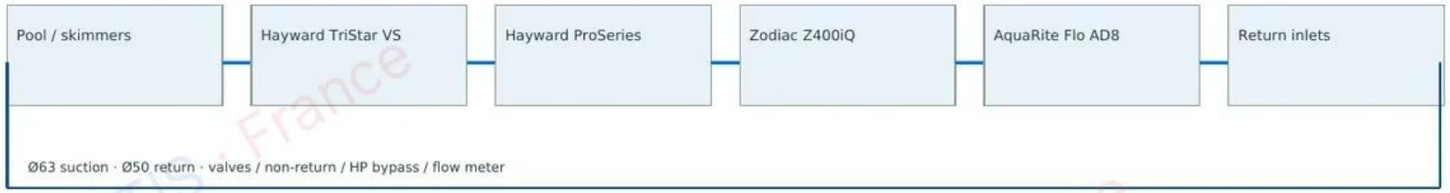
TWO INDEPENDENT CIRCUITS · PN16 PRESSURE PVC-U

OUTDOOR 63 m³ · Q = 16 m³/h · 3.94 h



Filtration: S310T outdoor / S210T indoor. Automatic pH control, chlorinator downstream of heater, flow interlock. Backwash to the approved discharge route.

INDOOR 25.9 m³ · Q = 8 m³/h · 3.24 h



Filtration: S310T outdoor / S210T indoor. Automatic pH control, chlorinator downstream of heater, flow interlock. Backwash to the approved discharge route.

SPA / SAUNA / STEAM ROOM

Indoor pool: Dantherm CDP dehumidifier, dedicated fresh air, continuous vapour barrier and air supply across glazing. Sauna: 2 × 2 × 2.1 m cabin (8.4 m³), Harvia Vega BC80 8 kW, 400 V 3N~, 5G2.5 mm² / 16 A 4P. Steam room: Harvia HGX90, dedicated steam and floor drain.

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Pool, spa and outdoor consumer unit

400/230 V DISTRIBUTION · THREE-PHASE · 100 A

5G25 copper incoming feeder to main board; balanced L1/L2/L3 allocation. Three dedicated 30 mA RCD groups: P1 filtration/heat pump, P2 sauna/steam/air, EXT access/lighting/automation.

ID	Use	mm²	MCB	DDR/RCD
V17	Pool pump	2.5	16 A	P1
V18	Pool heat pump	2.5	20 A	P1
V19	Sauna 8 kW 3N~	5×2.5	16 4P A	P2
V20	Steam generator	5×2.5	16 4P A	P2
V21	Spa dehumidifier	2.5	20 A	P2
V22	Gate / security	2.5	16 A	EXT
V23	Garden lighting	1.5	10 A	EXT
V24	KNX / LAN / CCTV	1.5	10 A	EXT

PROTECTIVE BONDING / EXTRA-LOW VOLTAGE

Continuous green-yellow PE, supplementary 6 mm² copper bonding to conductive pool elements. Pool lighting: 230/12 V SELV transformer outside pool zones, 2×2.5 mm² feeders to suitable luminaires. IP65 enclosures, marked buried ducts and accessible isolators.

SPECIFICATION / MATERIALS

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SA-E	Harvia sauna light · silicone H07G-K

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Home automation, security and solar

WIRED KNX · SCHNEIDER SPACELOGIC



KNX bus: certified 2×2×0.8 mm cable, SELV supply separated from 230/400 V circuits. Céliane with Netatmo is a separate connected-control solution; selected gateways provide the interfaces.

ENERGY / COMFORT / SECURITY

System	Equipment / function
Daikin Altherma / VRV	Low-temperature floor heating + zoned cooling
PV 9 kWc / Fronius	Self-consumption, metering and controlled load shedding
Somfy / Axis / Legrand	Gate, PoE cameras, video entry and access log
KNX scenes	Arrival, night, away, pool and solar shading

SPECIFICATION / MATERIALS

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H2	Thermor Aéromax · ECS / DHW
V1	Aldes EasyHOME Hygro / InspirAIR
S1	Porotherm GF R20 Th+ · 500×200×299
S2	Ytong Compact 20 · 625×200×250
S3	Fabemi B40 / Alkern BC20 · 500×200×200
I1	Isover GR32 / Knauf · Placo BA13
W1	K-Line KL-BC / Technal SOLEAL
W2	DV 4/16 Ar/4 FE · warm-edge · Ug 1.1
F1	Marazzi / Porcelanosa / Atlas Concorde
F2	Webercol flex comfort C2S1 · Weberjoint
F3	Tollens Idrotop / Seigneurie Evolutex
R1	Terreal / Edilians · ou SOPREMA toiture
V2	KNX Schneider SpaceLogic / Legrand Netatmo
B1	Hayward TriStar VS / ProSeries
B2	AquaRite Flo Advanced / Zodiac Z400iQ
SP1	Harvia Vega BC80 / Klafs · sauna
SP2	Harvia HGX · hammam / steam
SEC	Somfy Ixengo / Axis / Netatmo
SA-E	Harvia sauna light · silicone H07G-K

DESIGN REFERENCES

NF C 15-100 (2024) · NF DTU 60.1/60.11 · DTU 20.1 · 61.1 · RE2020 · Eurocodes

Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Masonry, glazing, finishes and quantities

MASONRY / BLOCKS · MANUFACTURER DATA

Tag / product	L × t × H (mm)	R (m².K/W)
S1 Porotherm GF R20 Th+	500 × 200 × 299	1.48–1.50
S2 Xella Ytong Compact 20	625 × 200 × 250	1.82
S3 Fabemi creux B40	500 × 200 × 200	0.23
S3b Alkern BC20 B40	500 × 200 × 200	Product declaration

R values for masonry alone. S1: 29 January 2025 sheet, plant-specific value. I1 GR32 120 mm: R = 3.75. Selected wall build-up: render 15 + block 200 + insulation 120 + plasterboard 13 = 348 mm.

TILES / STONE / GLAZING

ID	Space	Brand / range	Format / build-up
F1	Living / circulation	Marazzi Mystone	60×60 / 80×80
F1-P	Villa / prestige	Porcelanosa / Atlas Concorde	120×120 / 120×240
F1-B	Wet rooms	Marazzi / Porcelanosa	60×60; douche 5×5
F1-E	Terrace / pool	Atlas Concorde OUT / pierre	60×60×20 / 40×60
F2	Adhesive / grout	Webercol flex comfort C2S1	Weberjoint / étanchéité
W1/W2	Windows / glazing	K-Line / Technal SOLEAL	DV 4/16 Ar/4 FE · Ug 1.1
W2-S	Pool-side glazing	Saint-Gobain Stadip Protect	44.2/16 Ar/44.2 FE
F3	Walls / ceilings	Tollens / Seigneurie	velours / mat A+

GEOMETRIC TAKE-OFF · BOQ BASIS

Item	Quantity / formula
Gross ground / first / total	240 / 180 / 420 m²
External perimeter	64.00 m
Gross facade · 3 m / floor	366.0 m²
200 mm slab concrete / floor	48.00 m³
Internal finishes · drawn clear rooms	211.1 m²
S1 bricks · 6.6/m² of net masonry	Quantity = net wall area × 6.6

SPECIFICATION / MATERIALS

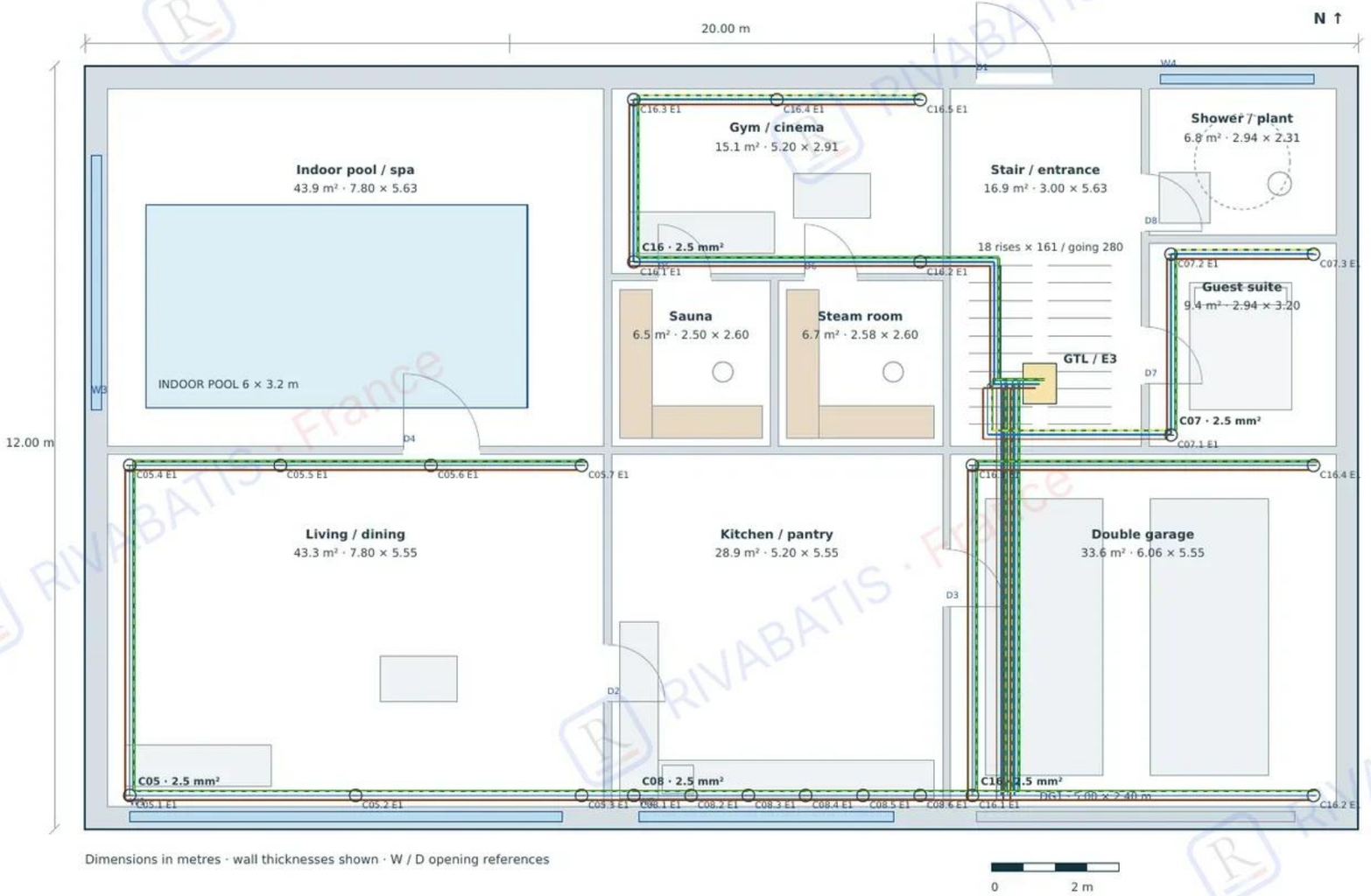
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E2 Nexans H07V-U / U-1000 R2V
E3 Schneider Resi9 / Acti9 · protection
E4 30 mA RCD · types A/F · continuous PE
E5 Philips CoreLine LED · DCL / IP44 / IP65
L Brown live · black return · 1.5/2.5/6 mm²
N Blue neutral · same cross-section as L
PE Green-yellow · earth / bonding
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P3 Jacob Delafon Odéon Up / Porcher
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H1 Atlantic Alféa / Daikin Altherma
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F2 Webercol flex comfort C2S1 · Weberjoint
F3 Tollens Idrotop / Seigneurie Evolutex
R1 Terreal / Edilians · ou SOPREMA toiture
V2 KNX Schneider SpaceLogic / Legrand Netatmo
B1 Hayward TriStar VS / ProSeries
B2 AquaRite Flo Advanced / Zodiac Z400iQ
SP1 Harvia Vega BC80 / Klafs · sauna
SP2 Harvia HGX · hammam / steam
SEC Somfy Ixengo / Axis / Netatmo
SA-E Harvia sauna light · silicone H07G-K

DESIGN REFERENCES

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Electrical plan: sockets and wiring



Dimensions in metres · wall thicknesses shown · W / D opening references

SPECIFICATION / MATERIALS

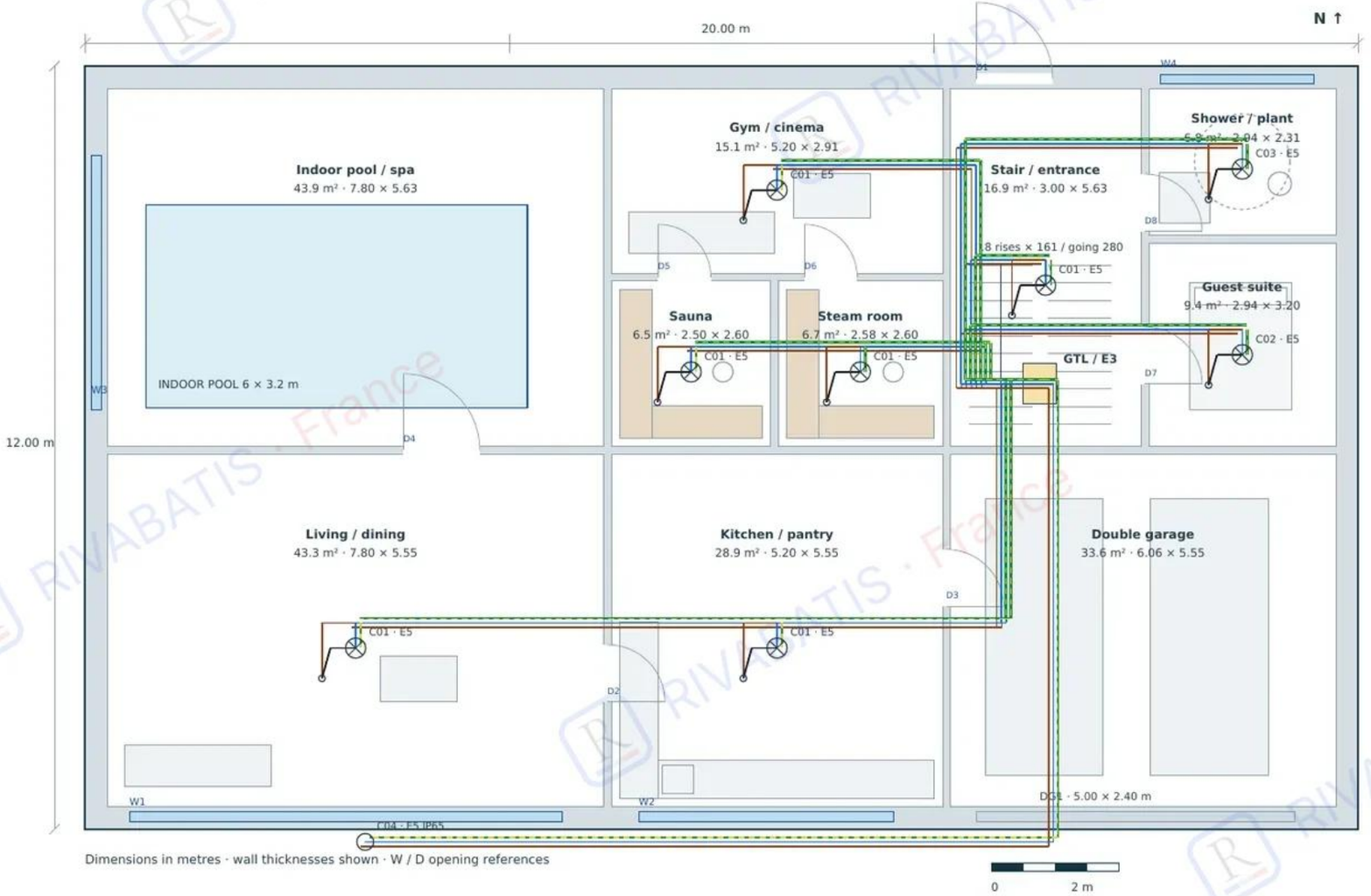
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DESIGN REFERENCES

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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Electrical plan: lighting and switching



Dimensions in metres · wall thicknesses shown · W / D opening references

SPECIFICATION / MATERIALS

E1	Legrand Dooxie / Céliane · earthed sockets
E2	Nexans H07V-U / U-1000 R2V
E3	Schneider Resi9 / Acti9 · protection
E4	30 mA RCD · types A/F · continuous PE
E5	Philips CoreLine LED · DCL / IP44 / IP65
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SEC	Somfy Ixengo / Axis / Netatmo
SA-E	Harvia sauna light · silicone H07G-K

DESIGN REFERENCES

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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Consumer unit: diagram and circuits



ID	Destination	mm²	MCB	RCD
C01	Living/kitchen lights	1.5	10 A	A1
C02	Bedroom lights	1.5	10 A	A2
C03	Wet rooms / hall lights	1.5	10 A	A1
C04	External lights	1.5	10 A	A2
C05	Living sockets	2.5	20 A	A2
C06	Upper bedroom sockets	2.5	20 A	A1
C07	Guest suite / upper lounge	2.5	20 A	A2
C08	Kitchen sockets ×6	2.5	20 A	A1
C09	Hob / cooker	6	32 A	A1
C10	Oven	2.5	20 A	A2
C11	Washing machine	2.5	20 A	A1
C12	Dishwasher	2.5	20 A	A2
C13	DHW cylinder	2.5	20 A	F3
C14	Heat pump	5×2.5	16 4P A	F3
C15	VMC	1.5	2 A	F3
C16	Gym / garage sockets	2.5	20 A	A2

Brown L · blue N · green-yellow PE; PE bypasses RCDs/MCBs · NF C 15-100 2024 series

SPECIFICATION / MATERIALS

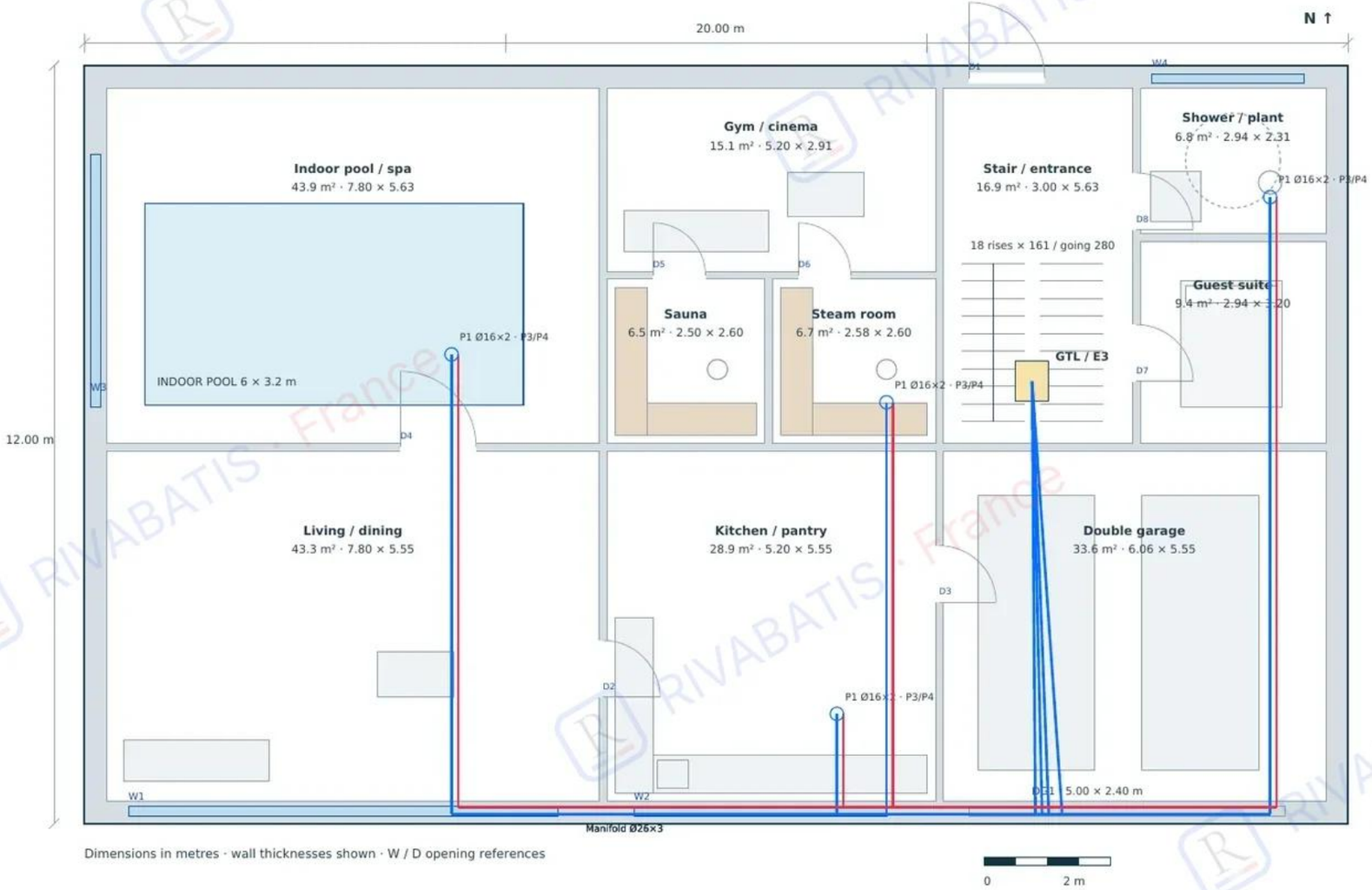
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SA-E	Harvia sauna light · silicone H07G-K

DESIGN REFERENCES

NF C 15-100 (2024) · NF DTU 60.1/60.11 · DTU 20.1 · 61.1 · RE2020 · Eurocodes

Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Plumbing plan: cold and hot water



Dimensions in metres · wall thicknesses shown · W / D opening references

SPECIFICATION / MATERIALS

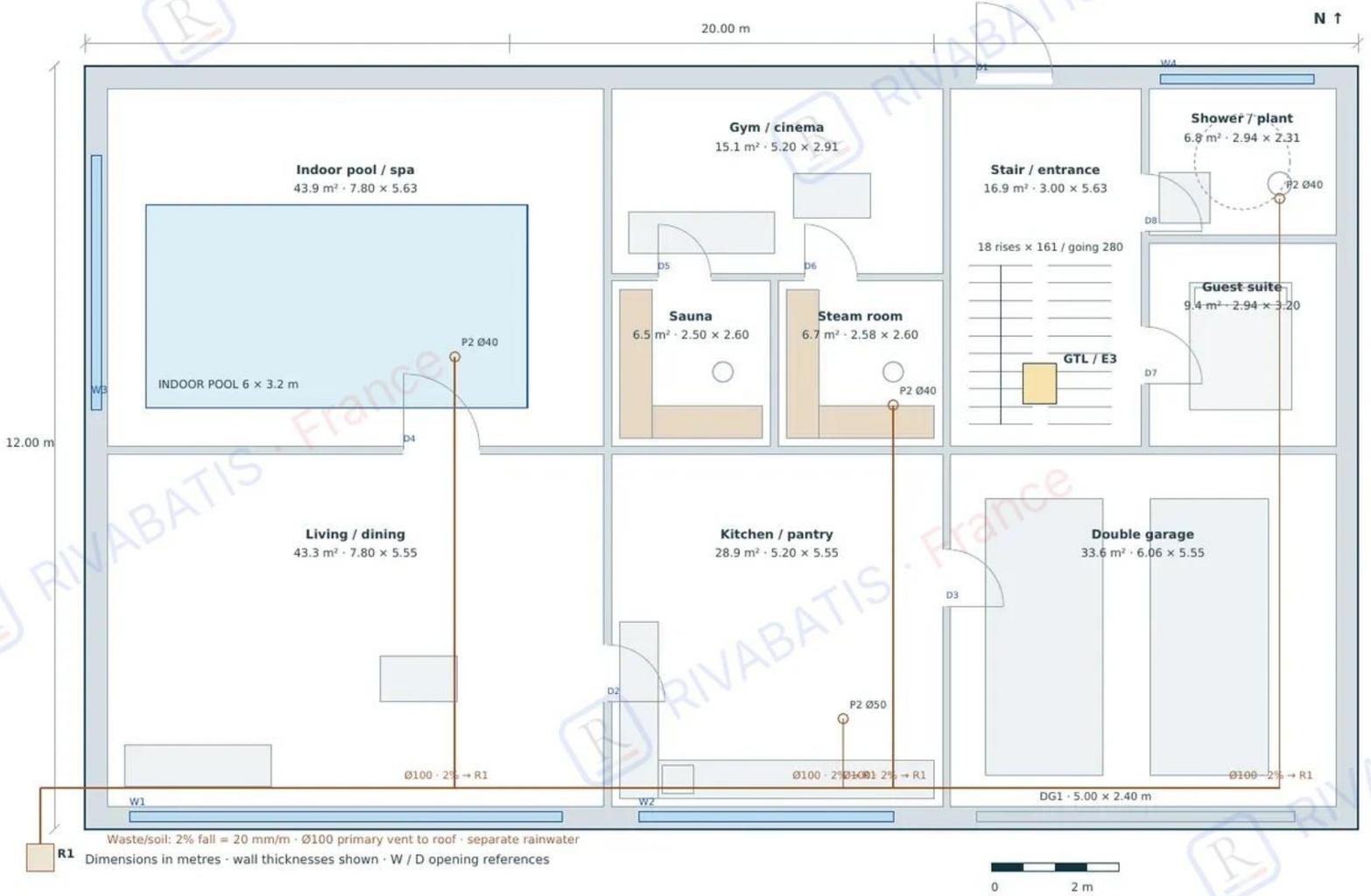
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DESIGN REFERENCES

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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Drainage plan: waste and soil



SPECIFICATION / MATERIALS

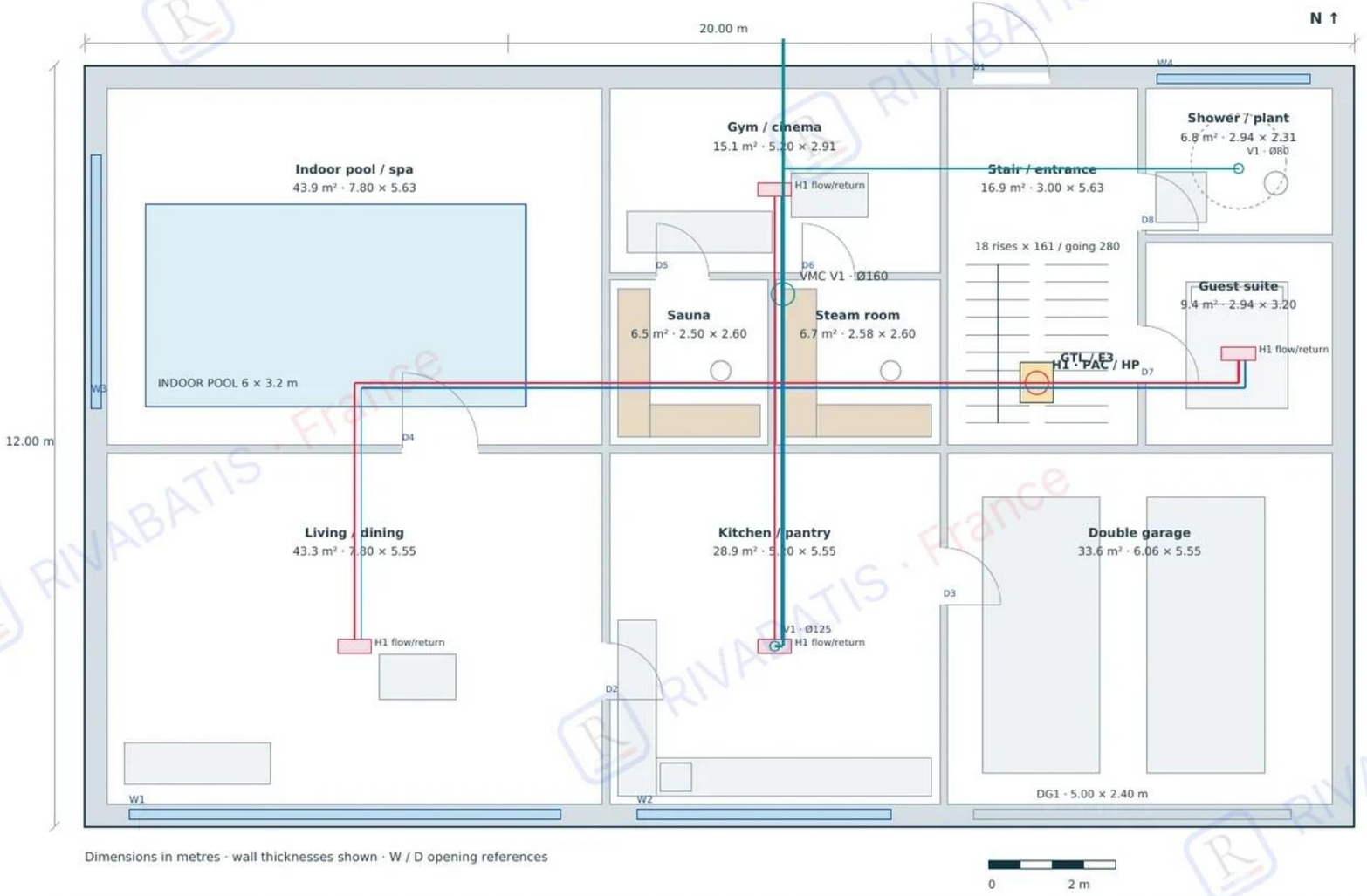
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DESIGN REFERENCES

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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Heating, cooling and ventilation plan



Dimensions in metres · wall thicknesses shown · W / D opening references

SPECIFICATION / MATERIALS

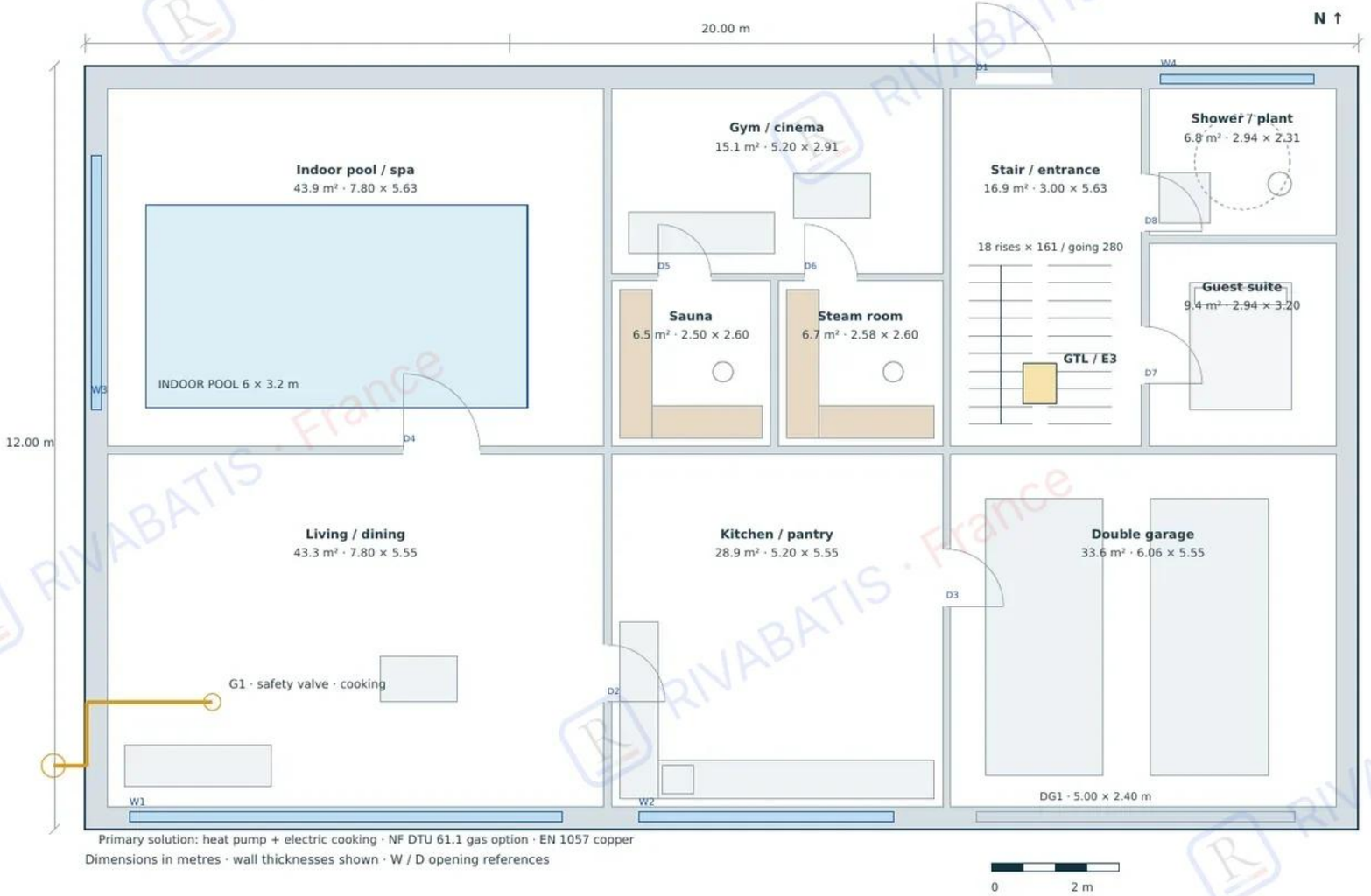
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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Gas option: cooking



Primary solution: heat pump + electric cooking · NF DTU 61.1 gas option · EN 1057 copper

Dimensions in metres · wall thicknesses shown · W / D opening references

SPECIFICATION / MATERIALS

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DESIGN REFERENCES

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Upper floor electrical plan



Dimensions in metres · wall thicknesses shown · W / D opening references

SPECIFICATION / MATERIALS

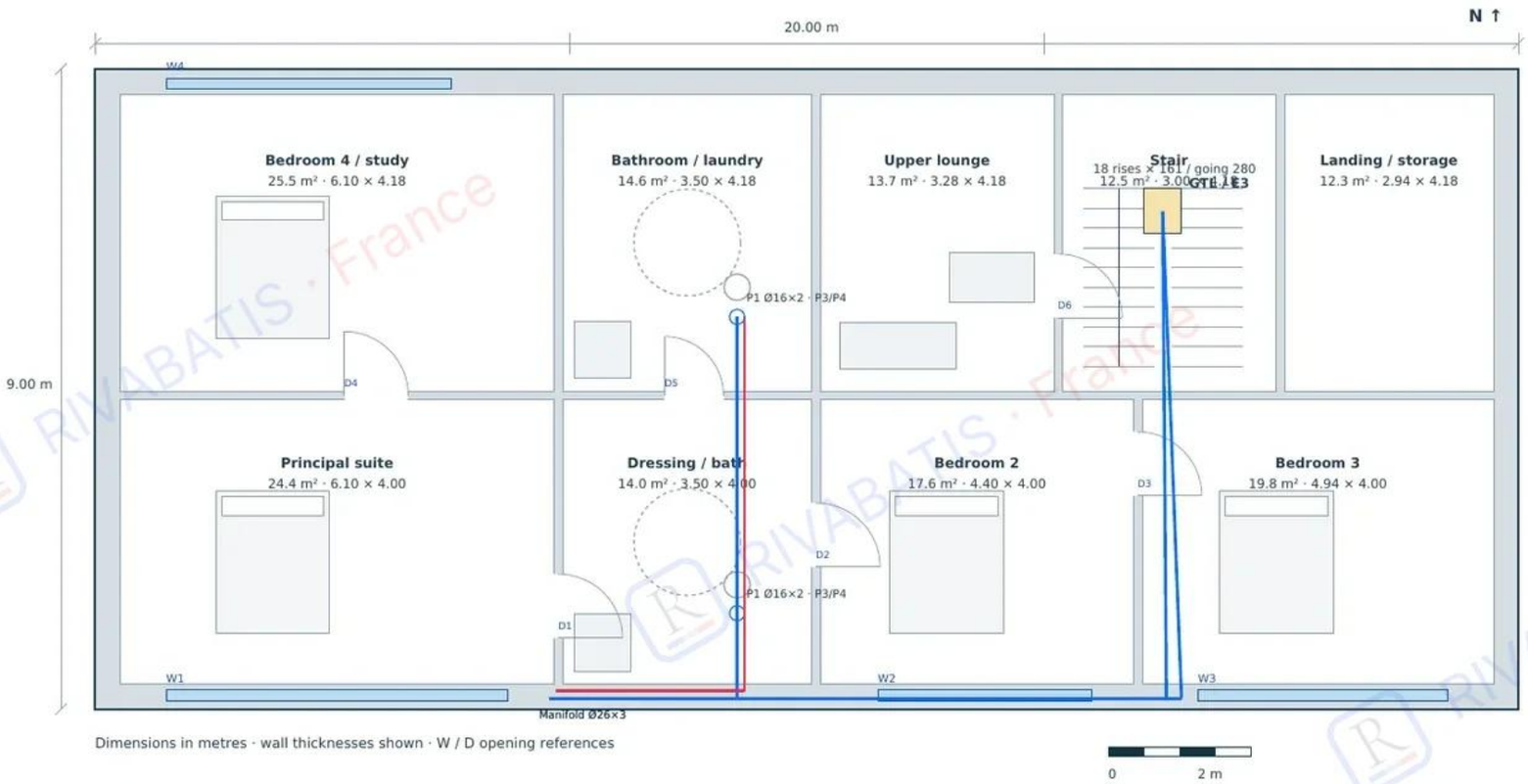
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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Upper floor plumbing: cold and hot water



Dimensions in metres · wall thicknesses shown · W / D opening references

SPECIFICATION / MATERIALS

E1	Legrand Dooxie / Céliane · earthed sockets
E2	Nexans H07V-U / U-1000 R2V
E3	Schneider Resi9 / Acti9 · protection
E4	30 mA RCD · types A/F · continuous PE
E5	Philips CoreLine LED · DCL / IP44 / IP65
L	Brown live · black return · 1.5/2.5/6 mm²
N	Blue neutral · same cross-section as L
PE	Green-yellow · earth / bonding
P1	Comap MultiSkin · Ø16×2 / Ø20×2 / Ø26×3
P2	Nicoll PVC · waste Ø40/50 · soil Ø100
P3	Jacob Delafon Odéon Up / Porcher
P4	Grohe Eurosmart / Hansgrohe Talis
H1	Atlantic Alféa / Daikin Altherma
H2	Thermor Aéromax · ECS / DHW
V1	Aldes EasyHOME Hygro / InspirAIR
S1	Porotherm GF R20 Th+ · 500×200×299
S2	Ytong Compact 20 · 625×200×250
S3	Fabemi B40 / Alkern BC20 · 500×200×200
I1	Isover GR32 / Knauf · Placo BA13
W1	K-Line KL-BC / Technal SOLEAL
W2	DV 4/16 Ar/4 FE · warm-edge · Ug 1.1
F1	Marazzi / Porcelanosa / Atlas Concorde
F2	Webercol flex comfort C2S1 · Weberjoint
F3	Tollens Idrotop / Seigneurie Evolutex
R1	Terreal / Edilians · ou SOPREMA toiture
V2	KNX Schneider SpaceLogic / Legrand Netatmo
B1	Hayward TriStar VS / ProSeries
B2	AquaRite Flo Advanced / Zodiac Z400iQ
SP1	Harvia Vega BC80 / Klafs · sauna
SP2	Harvia HGX · hammam / steam
SEC	Somfy Ixengo / Axis / Netatmo
SA-E	Harvia sauna light · silicone H07G-K

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Technology, quality and finish ranges

A SERVICE FOR EVERY PROJECT AND EVERY BUDGET

Accessible and Essential packages for working households and families; Premium for homeowners, businesses and investors; Prestige for exceptional villas and bespoke projects. The same coordination, transparency and quality principles support every tier.

BIM / Revit	Coordinated 2D plans, schedules, clash reviews, quantities and version control. PDF/IFC deliverables.
Laser / drone	Site survey, point cloud and orthophoto; setting out and earthworks progress comparison.
Préfabrication	Precast slabs, stairs and preassembled panels to streamline interfaces and programme.
RE2020	Regulatory Bbio/Cep/DH and carbon modelling; comparison of heat pumps, glazing and solar shading.
Smart home	Legrand Céliane with Netatmo; villa: SpaceLogic KNX scenes, submetering and local controls.
PAC / solaire	Atlantic / Daikin low-temperature systems and PV with Fronius inverter; energy monitoring.
Suivi numérique	Daily log, geotagged photos, QA inspections, client approvals and payment milestones in the portal.

HANDOVER VERIFICATION

Water pressure tests and flushing; drainage testing; PE continuity, insulation and RCD tests; ventilation balancing; heat-pump commissioning; as-built dossier and maintenance instructions.

SPECIFICATION / MATERIALS

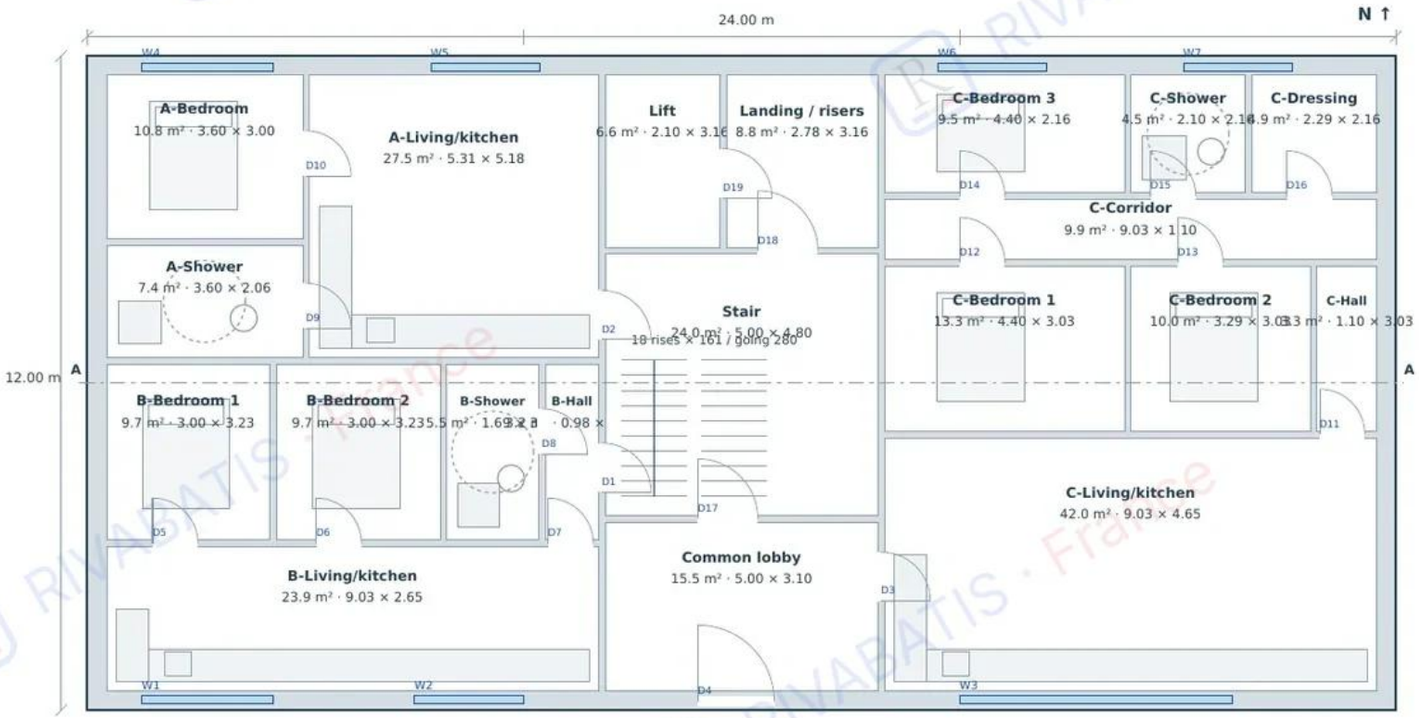
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Ground floor plan



Ground floor: 3 flats A/B/C, accessible lobby, lift, stair and service shafts. Three storeys: 864 m² gross floor area (24 × 12 × 3).

Dimensions in metres · wall thicknesses shown · W / D opening references

0 2 m

SPECIFICATION / MATERIALS

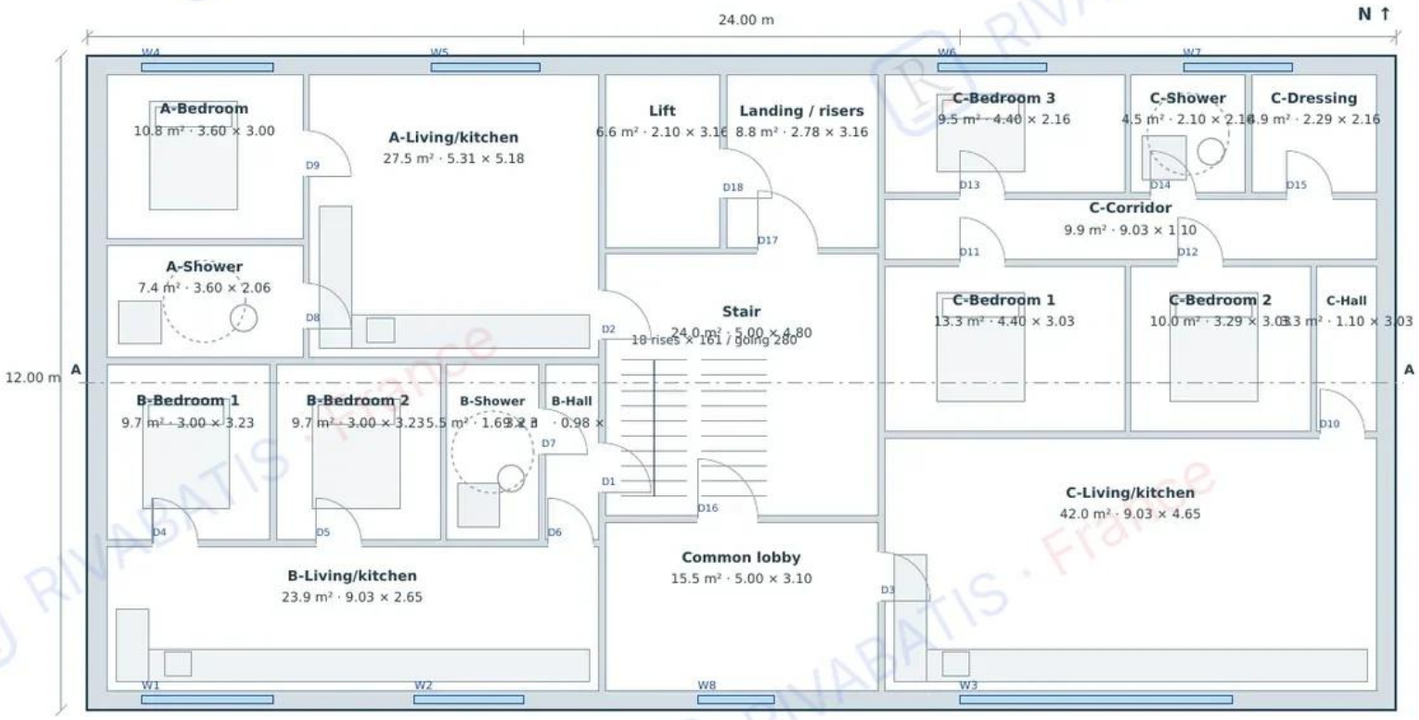
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Upper floor plans



Levels 1 and 2: matching grid and stacked shafts. T2 one-bedroom (A), T3 two-bedroom (B), T4 three-bedroom (C). Room areas are calculated from the stated clear dimensions.

Dimensions in metres · wall thicknesses shown · W / D opening references

0 2 m

SPECIFICATION / MATERIALS

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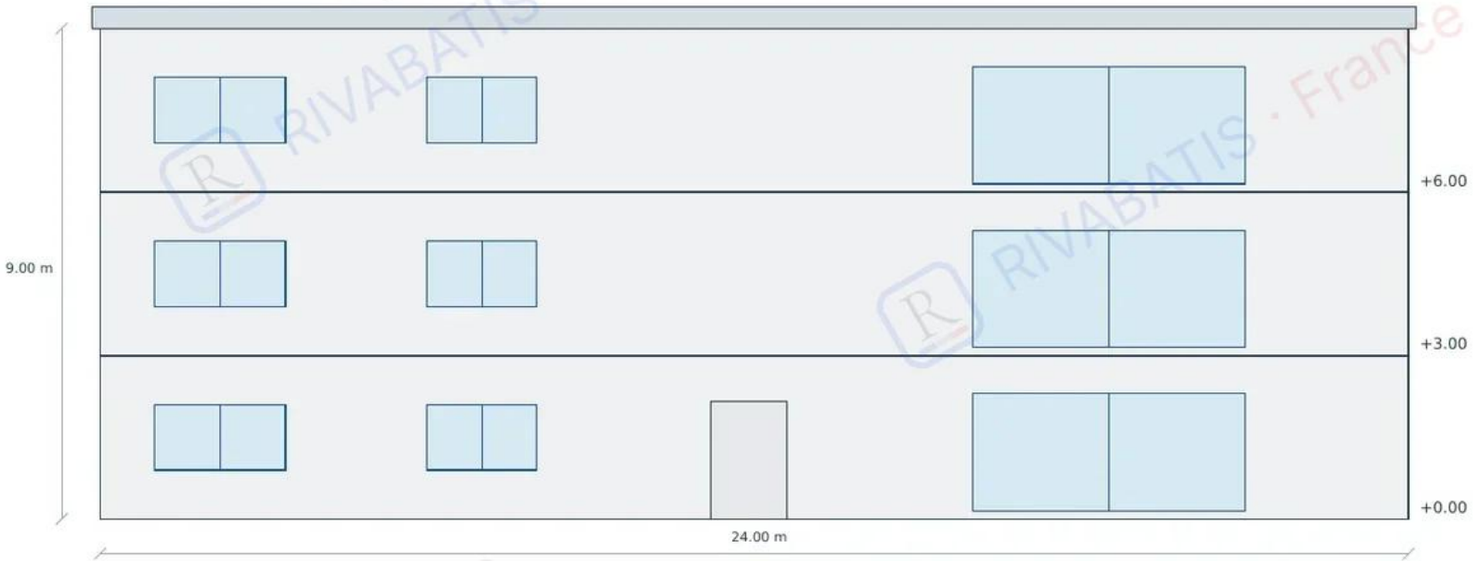
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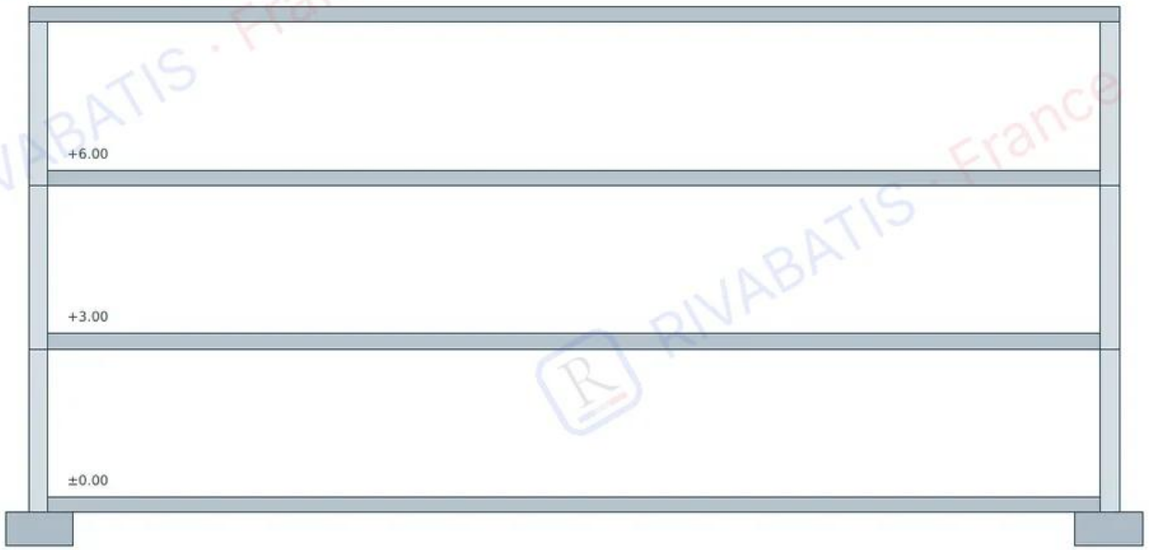
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Front elevation and section A–A

SOUTH ELEVATION · W1/W2



SECTION A–A · WALL S1 / I1 / I2



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Window and door schedule

NOMINAL OPENING DIMENSIONS · W1/W2

ID	Width × height (m)	Construction	Reference
W1	2.40 × 1.20	Aluminium, low-e argon DG	W1/W2
W2	2.00 × 1.20	Aluminium, low-e argon DG	W1/W2
W3	5.00 × 2.15	Aluminium, low-e argon DG	W1/W2
W4	2.40 × 1.20	Aluminium, low-e argon DG	W1/W2
W5	2.00 × 1.20	Aluminium, low-e argon DG	W1/W2
W6	2.00 × 1.20	Aluminium, low-e argon DG	W1/W2
W7	2.00 × 1.20	Aluminium, low-e argon DG	W1/W2
W8	1.40 × 1.20	Aluminium, low-e argon DG	W1/W2
D1	0.90 × 2.15	Door set / stated passage	F3
D2	0.90 × 2.15	Door set / stated passage	F3
D3	0.90 × 2.15	Door set / stated passage	F3
D4	0.83 × 2.15	Door set / stated passage	F3
D5	0.83 × 2.15	Door set / stated passage	F3
D6	0.83 × 2.15	Door set / stated passage	F3
D7	0.83 × 2.15	Door set / stated passage	F3
D8	0.83 × 2.15	Door set / stated passage	F3
D9	0.83 × 2.15	Door set / stated passage	F3
D10	0.83 × 2.15	Door set / stated passage	F3
D11	0.83 × 2.15	Door set / stated passage	F3
D12	0.83 × 2.15	Door set / stated passage	F3
D13	0.83 × 2.15	Door set / stated passage	F3
D14	0.83 × 2.15	Door set / stated passage	F3
D15	0.83 × 2.15	Door set / stated passage	F3
D16	1.10 × 2.15	Door set / stated passage	F3
D17	1.10 × 2.15	Door set / stated passage	F3
D18	0.90 × 2.15	Door set / stated passage	F3
R0-D4	1.40 × 2.15	Door set / stated passage	F3

Glazing: 4/16 argon/4 low-e, Ug 1.1 W/m².K. Safety locations use laminated 44.2, including pools and low-level glazing. Windows incorporate coordinated ventilation inlets and solar shading.

SPECIFICATION / MATERIALS

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Masonry, glazing, finishes and quantities

MASONRY / BLOCKS · MANUFACTURER DATA

Tag / product	L × t × H (mm)	R (m².K/W)
S1 Porotherm GF R20 Th+	500 × 200 × 299	1.48–1.50
S2 Xella Ytong Compact 20	625 × 200 × 250	1.82
S3 Fabemi creux B40	500 × 200 × 200	0.23
S3b Alkern BC20 B40	500 × 200 × 200	Product declaration

R values for masonry alone. S1: 29 January 2025 sheet, plant-specific value. I1 GR32 120 mm: R = 3.75. Selected wall build-up: render 15 + block 200 + insulation 120 + plasterboard 13 = 348 mm.

TILES / STONE / GLAZING

ID	Space	Brand / range	Format / build-up
F1	Living / circulation	Marazzi Mystone	60×60 / 80×80
F1-P	Villa / prestige	Porcelanosa / Atlas Concorde	120×120 / 120×240
F1-B	Wet rooms	Marazzi / Porcelanosa	60×60; douche 5×5
F1-E	Terrace / pool	Atlas Concorde OUT / pierre	60×60×20 / 40×60
F2	Adhesive / grout	Webercol flex comfort C2S1	Weberjoint / étanchéité
W1/W2	Windows / glazing	K-Line / Technal SOLEAL	DV 4/16 Ar/4 FE · Ug 1.1
W2-S	Pool-side glazing	Saint-Gobain Stadip Protect	44.2/16 Ar/44.2 FE
F3	Walls / ceilings	Tollens / Seigneurie	velours / mat A+

GEOMETRIC TAKE-OFF · BOQ BASIS

Item	Quantity / formula
Gross area / floor	288.00 m²
External perimeter	72.00 m
Gross facade · 3 m / floor	648.0 m²
200 mm slab concrete / floor	57.60 m³
Internal finishes · drawn clear rooms	250.1 m²
S1 bricks · 6.6/m² of net masonry	Quantity = net wall area × 6.6

SPECIFICATION / MATERIALS

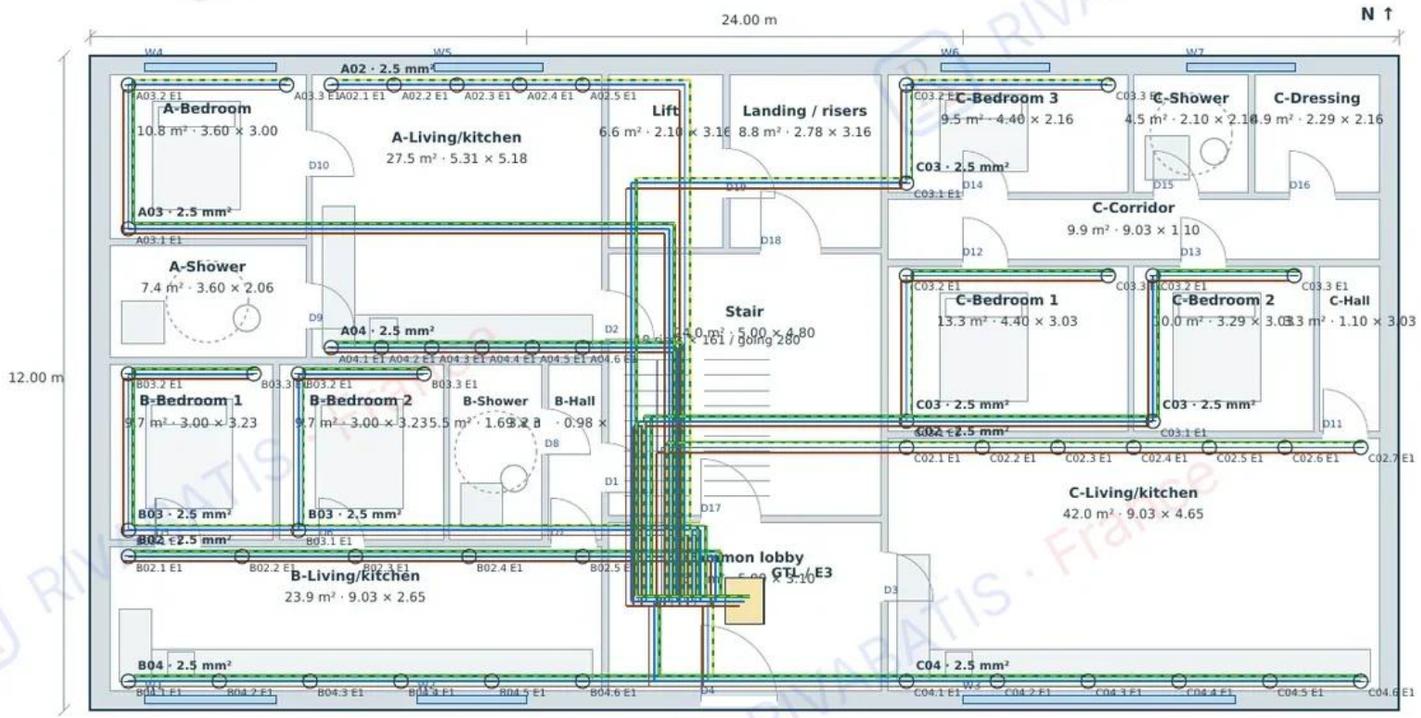
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Electrical plan: sockets and wiring



RISERS: Ø100 waste/soil and ventilation in common shafts. Each dwelling has its own meter, manifolds and consumer unit. Wet services stack at levels 1 and 2.

Dimensions in metres · wall thicknesses shown · W / D opening references

0 2 m

SPECIFICATION / MATERIALS

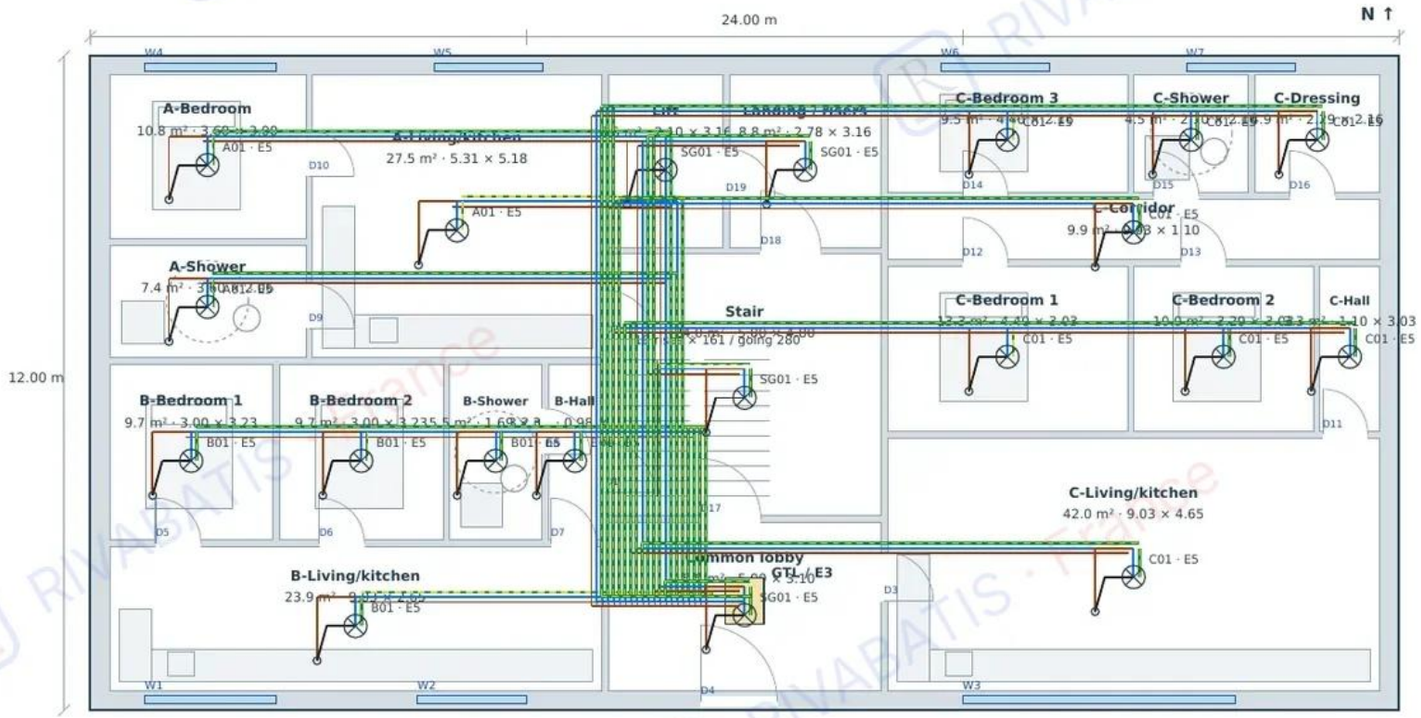
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Electrical plan: lighting and switching



RISERS: Ø100 waste/soil and ventilation in common shafts. Each dwelling has its own meter, manifolds and consumer unit. Wet services stack at levels 1 and 2.

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Consumer unit: diagram and circuits

DWELLING A · 60 A

Linky → DB 60 A → 2 DDR/RCD

Circuit	mm²	A	DDR
A01 Lights	1.5	10	A1
A02 Living sockets	2.5	20	A1
A03 Bedroom sockets	2.5	20	A1
A04 Kitchen sockets	2.5	20	A1
A05 Hob	6	32	A1
A06 Oven	2.5	20	A1
A07 Washer	2.5	20	A2
A08 Dishwasher	2.5	20	A2
A09 DHW	2.5	20	A2
A10 Heat pump	2.5	20	A2
A11 VMC	1.5	2	A2

RCD 1: type A / RCD 2: type F, 63 A, 30 mA. 6 + 5 circuits. Separate neutral bars and busbars.

DWELLING B · 60 A

Linky → DB 60 A → 2 DDR/RCD

Circuit	mm²	A	DDR
B01 Lights	1.5	10	B1
B02 Living sockets	2.5	20	B1
B03 Bedroom sockets	2.5	20	B1
B04 Kitchen sockets	2.5	20	B1
B05 Hob	6	32	B1
B06 Oven	2.5	20	B1
B07 Washer	2.5	20	B2
B08 Dishwasher	2.5	20	B2
B09 DHW	2.5	20	B2
B10 Heat pump	2.5	20	B2
B11 VMC	1.5	2	B2

RCD 1: type A / RCD 2: type F, 63 A, 30 mA. 6 + 5 circuits. Separate neutral bars and busbars.

DWELLING C · 60 A

Linky → DB 60 A → 2 DDR/RCD

Circuit	mm²	A	DDR
C01 Lights	1.5	10	C1
C02 Living sockets	2.5	20	C1
C03 Bedroom sockets	2.5	20	C1
C04 Kitchen sockets	2.5	20	C1
C05 Hob	6	32	C1
C06 Oven	2.5	20	C1
C07 Washer	2.5	20	C2
C08 Dishwasher	2.5	20	C2
C09 DHW	2.5	20	C2
C10 Heat pump	2.5	20	C2
C11 VMC	1.5	2	C2

RCD 1: type A / RCD 2: type F, 63 A, 30 mA. 6 + 5 circuits. Separate neutral bars and busbars.

COMMON SERVICES · SEPARATE METER

ID	Use	mm²	A
SG01	Lighting + emergency lighting	1.5	10
SG02	Maintenance sockets	2.5	20
SG03	Lift · 400 V 3N~	5×2.5	16 4P

Brown L · blue N · green-yellow PE; PE bypasses RCDs/MCBs · NF C 15-100 2024 series

SPECIFICATION / MATERIALS

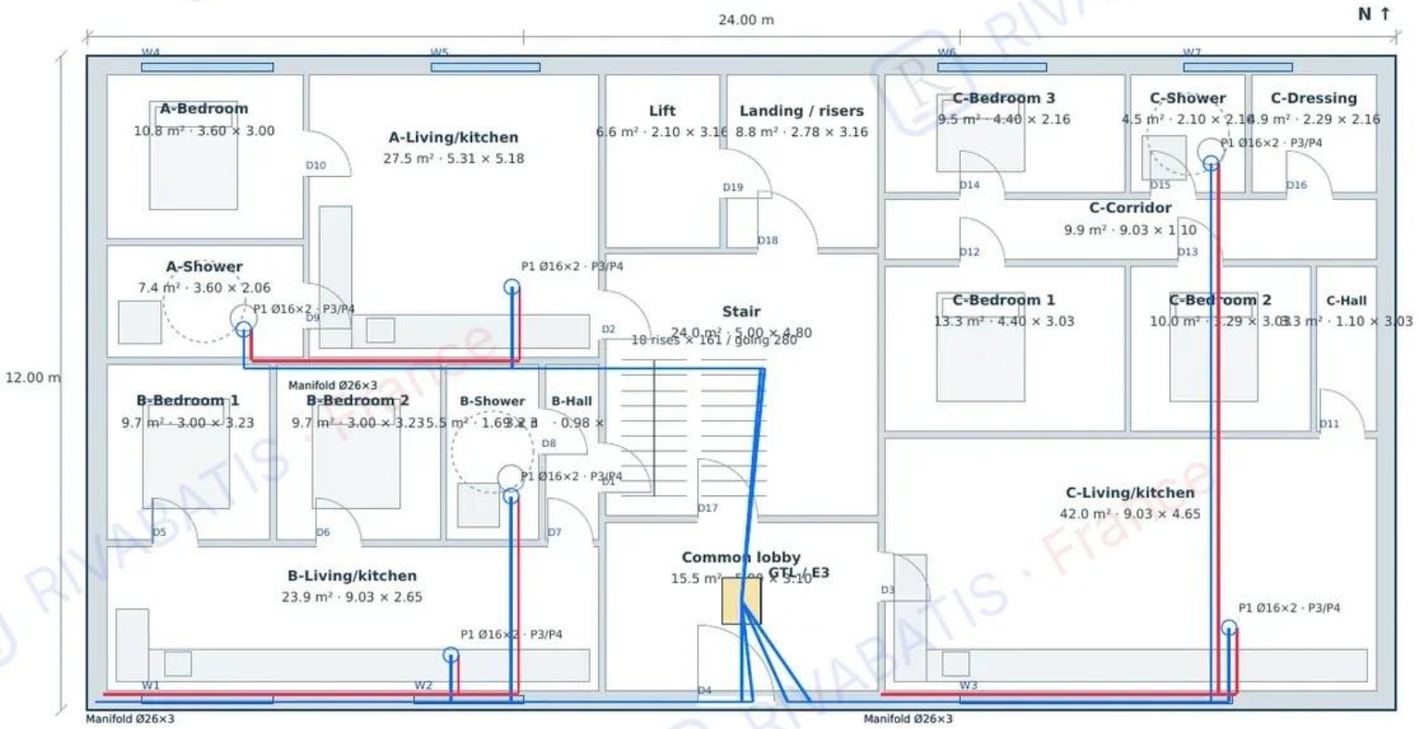
E1 Legrand Dooxie / Céliane · earthed sockets
E2 Nexans H07V-U / U-1000 R2V
E3 Schneider Resi9 / Acti9 · protection
E4 30 mA RCD · types A/F · continuous PE
E5 Philips CoreLine LED · DCL / IP44 / IP65
L Brown live · black return · 1.5/2.5/6 mm²
N Blue neutral · same cross-section as L
PE Green-yellow · earth / bonding
P1 Comap MultiSkin · Ø16×2 / Ø20×2 / Ø26×3
P2 Nicoll PVC · waste Ø40/50 · soil Ø100
P3 Jacob Delafon Odéon Up / Porcher
P4 Grohe Eurosmart / Hansgrohe Talis
H1 Atlantic Alféa / Daikin Altherma
H2 Thermor Aéromax · ECS / DHW
V1 Aldes EasyHOME Hygro / InspirAIR
S1 Porotherm GF R20 Th+ · 500×200×299
S2 Ytong Compact 20 · 625×200×250
S3 Fabemi B40 / Alkern BC20 · 500×200×200
I1 Isover GR32 / Knauf · Placo BA13
W1 K-Line KL-BC / Technal SOLEAL
W2 DV 4/16 Ar/4 FE · warm-edge · Ug 1.1
F1 Marazzi / Porcelanosa / Atlas Concorde
F2 Webercol flex comfort C2S1 · Weberjoint
F3 Tollens Idrotop / Seigneurie Evolutex
R1 Terreal / Edilians · ou SOPREMA toiture

DESIGN REFERENCES

NF C 15-100 (2024) · NF DTU 60.1/60.11 · DTU 20.1 · 61.1 · RE2020 · Eurocodes

Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Plumbing plan: cold and hot water



RISERS: Ø100 waste/soil and ventilation in common shafts. Each dwelling has its own meter, manifolds and consumer unit. Wet services stack at levels 1 and 2.

Dimensions in metres · wall thicknesses shown · W / D opening references

0 2 m

SPECIFICATION / MATERIALS

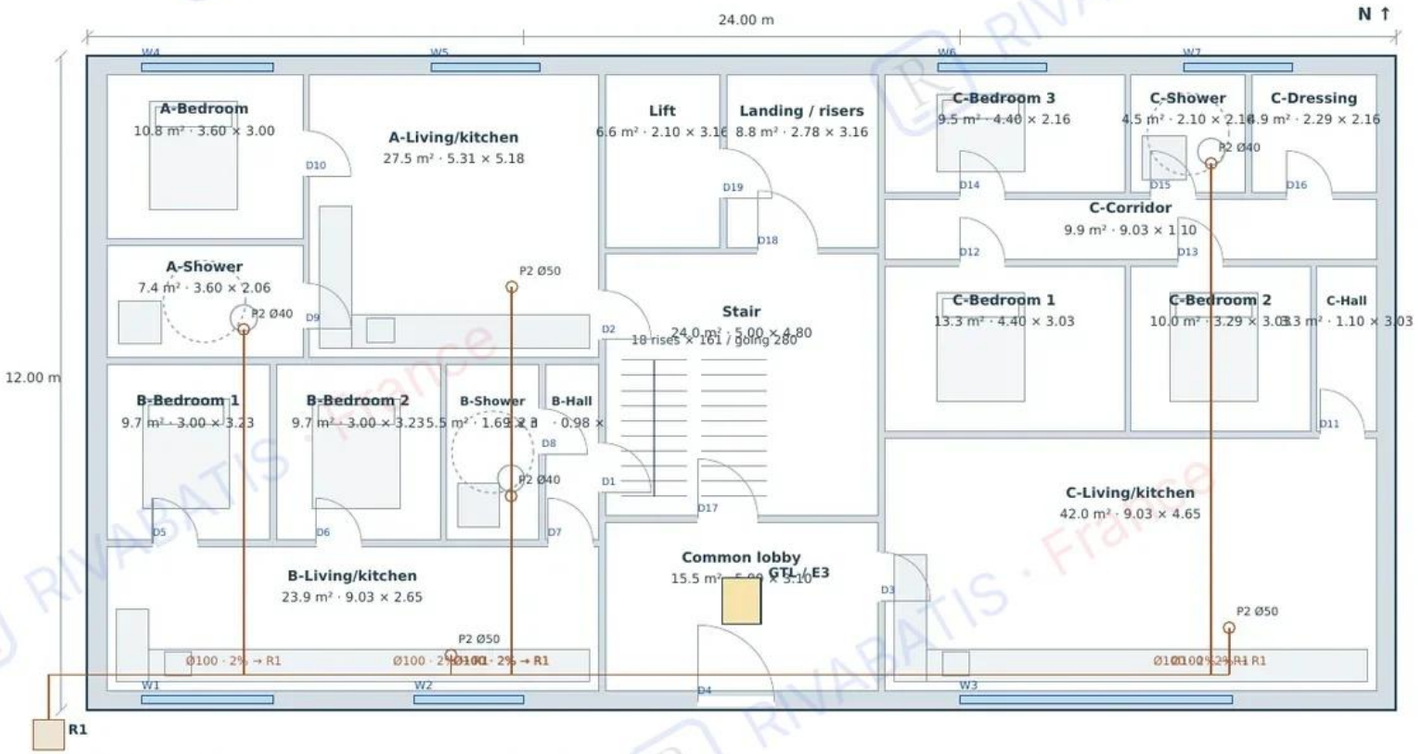
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N	Blue neutral · same cross-section as L
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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Drainage plan: waste and soil



RISERS: Ø100 waste/soil and ventilation in common shafts. Each dwelling has its own meter, manifolds and consumer unit. Wet services stack at levels 1 and 2.

Waste/soil: 2% fall = 20 mm/m · Ø100 primary vent to roof · separate rainwater

Dimensions in metres · wall thicknesses shown · W / D opening references

SPECIFICATION / MATERIALS

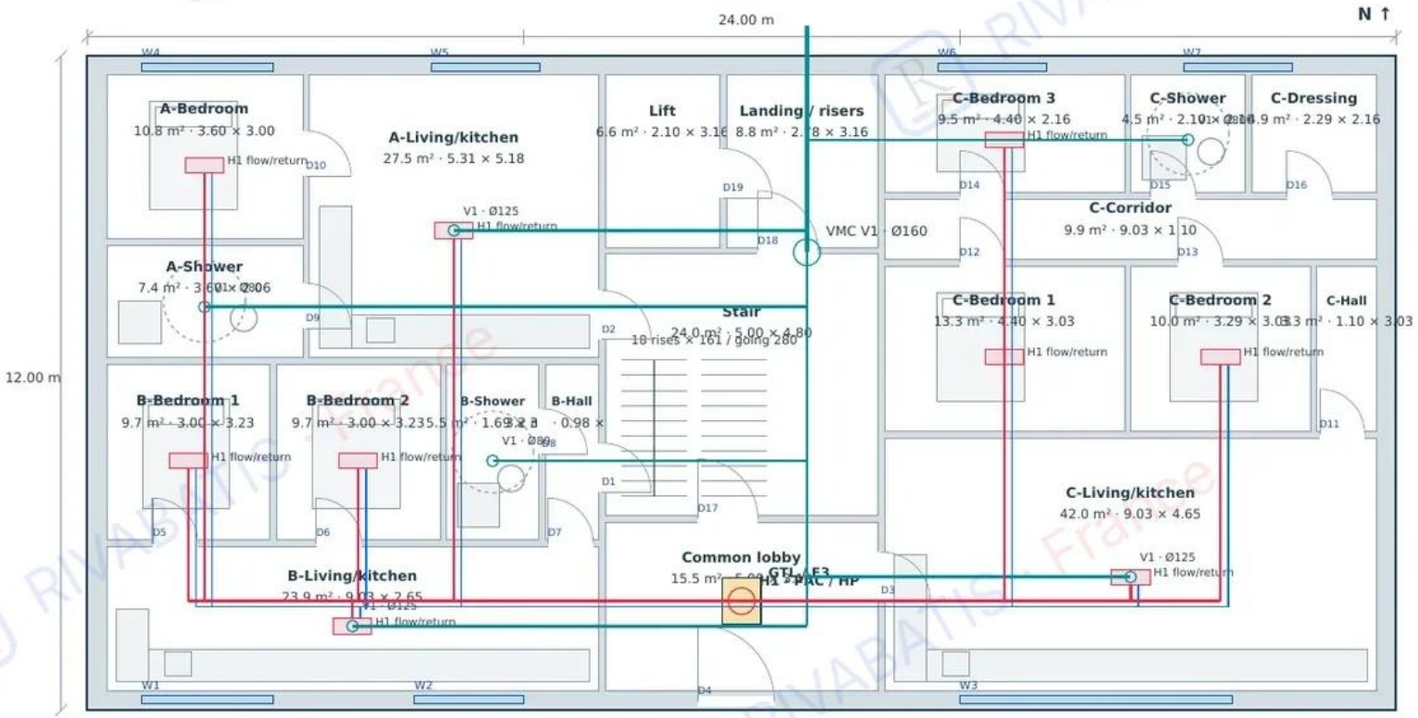
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DESIGN REFERENCES

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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Heating, cooling and ventilation plan



RISERS: Ø100 waste/soil and ventilation in common shafts. Each dwelling has its own meter, manifolds and consumer unit. Wet services stack at levels 1 and 2.

Dimensions in metres · wall thicknesses shown · W / D opening references

SPECIFICATION / MATERIALS

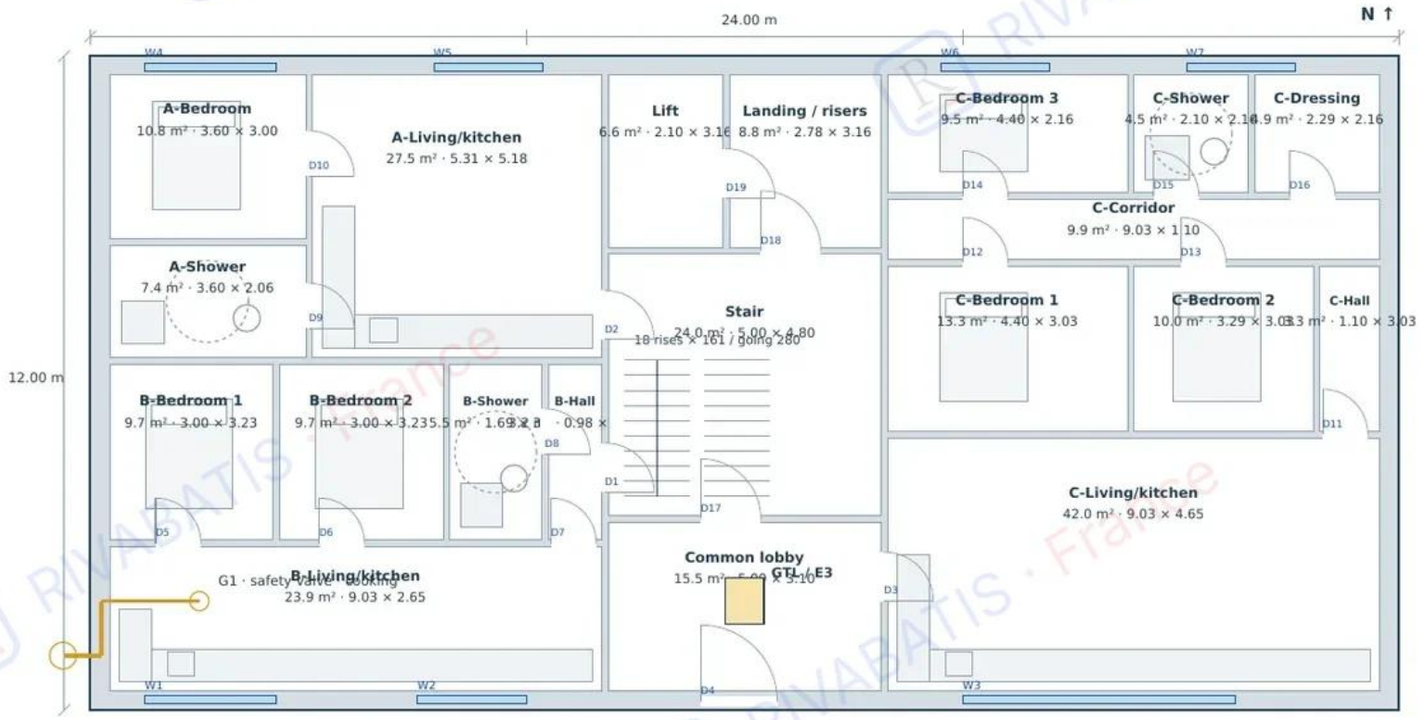
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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Gas option: cooking



RISERS: Ø100 waste/soil and ventilation in common shafts. Each dwelling has its own meter, manifolds and consumer unit. Wet services stack at levels 1 and 2.

Primary solution: heat pump + electric cooking · NF DTU 61.1 gas option · EN 1057 copper

Dimensions in metres · wall thicknesses shown · W / D opening references

0 2 m

SPECIFICATION / MATERIALS

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Technology, quality and finish ranges

A SERVICE FOR EVERY PROJECT AND EVERY BUDGET

Accessible and Essential packages for working households and families; Premium for homeowners, businesses and investors; Prestige for exceptional villas and bespoke projects. The same coordination, transparency and quality principles support every tier.

BIM / Revit	Coordinated 2D plans, schedules, clash reviews, quantities and version control. PDF/IFC deliverables.
Laser / drone	Site survey, point cloud and orthophoto; setting out and earthworks progress comparison.
Préfabrication	Precast slabs, stairs and preassembled panels to streamline interfaces and programme.
RE2020	Regulatory Bbio/Cep/DH and carbon modelling; comparison of heat pumps, glazing and solar shading.
Smart home	Legrand Céliane with Netatmo; villa: SpaceLogic KNX scenes, submetering and local controls.
PAC / solaire	Atlantic / Daikin low-temperature systems and PV with Fronius inverter; energy monitoring.
Suivi numérique	Daily log, geotagged photos, QA inspections, client approvals and payment milestones in the portal.

HANDOVER VERIFICATION

Water pressure tests and flushing; drainage testing; PE continuity, insulation and RCD tests; ventilation balancing; heat-pump commissioning; as-built dossier and maintenance instructions.

SPECIFICATION / MATERIALS

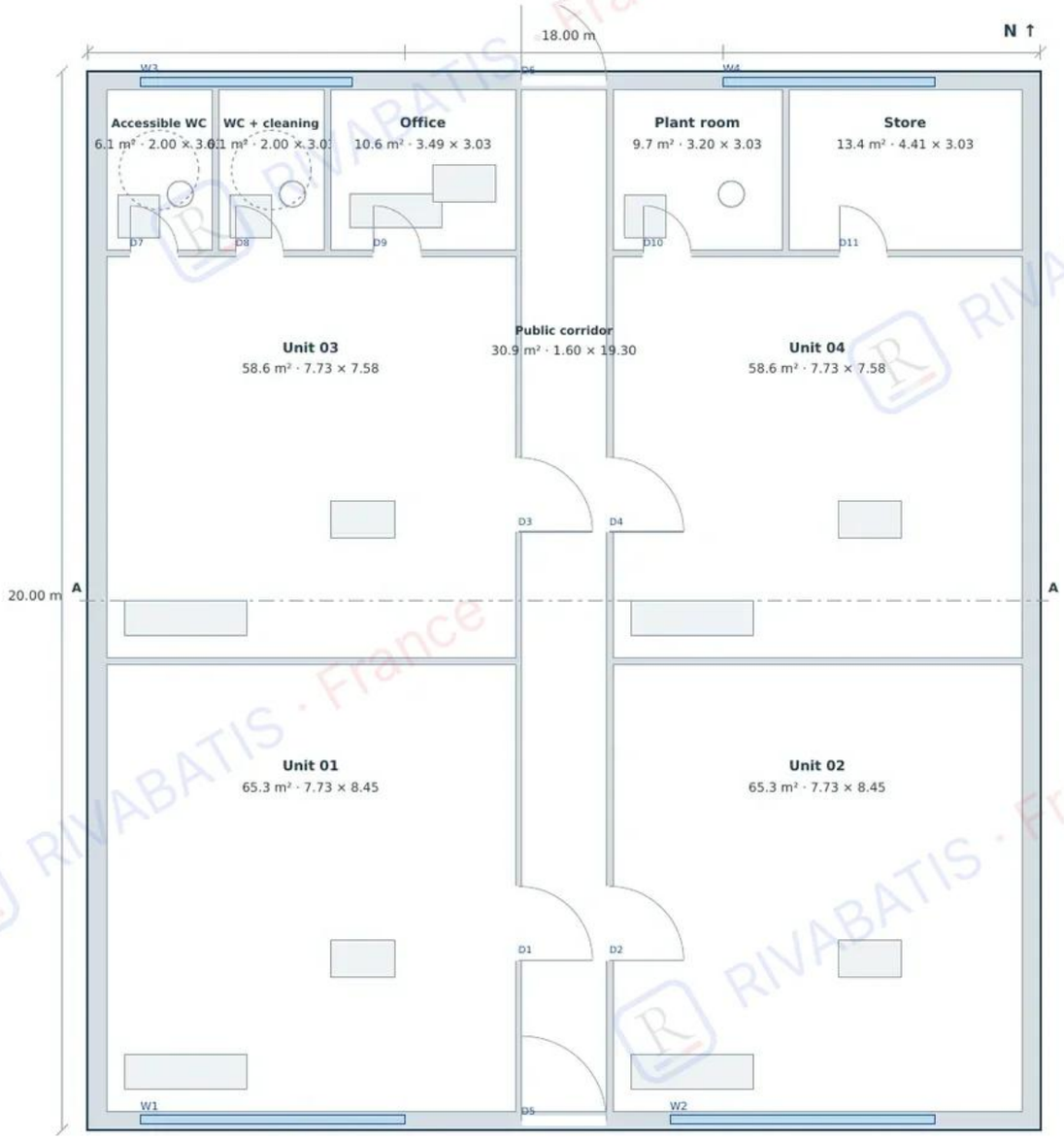
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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Ground floor plan



Dimensions in metres · wall thicknesses shown · W / D opening references

0 2 m

SPECIFICATION / MATERIALS

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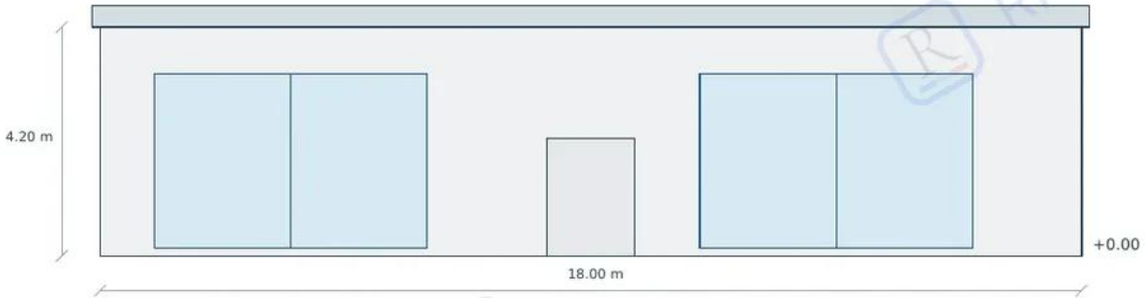
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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Front elevation and section A–A

SOUTH ELEVATION · W1/W2



SECTION A–A · WALL S1 / I1 / I2



SPECIFICATION / MATERIALS

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Window and door schedule

NOMINAL OPENING DIMENSIONS · W1/W2

ID	Width × height (m)	Construction	Reference
W1	5.00 × 3.20	Aluminium, low-e argon DG	W1/W2
W2	5.00 × 3.20	Aluminium, low-e argon DG	W1/W2
W3	4.00 × 3.20	Aluminium, low-e argon DG	W1/W2
W4	4.00 × 3.20	Aluminium, low-e argon DG	W1/W2
D1	1.40 × 2.15	Door set / stated passage	F3
D2	1.40 × 2.15	Door set / stated passage	F3
D3	1.40 × 2.15	Door set / stated passage	F3
D4	1.40 × 2.15	Door set / stated passage	F3
D5	1.60 × 2.15	Door set / stated passage	F3
D6	1.60 × 2.15	Door set / stated passage	F3
D7	0.90 × 2.15	Door set / stated passage	F3
D8	0.90 × 2.15	Door set / stated passage	F3
D9	0.90 × 2.15	Door set / stated passage	F3
D10	0.90 × 2.15	Door set / stated passage	F3
D11	0.90 × 2.15	Door set / stated passage	F3

Glazing: 4/16 argon/4 low-e, Ug 1.1 W/m².K. Safety locations use laminated 44.2, including pools and low-level glazing. Windows incorporate coordinated ventilation inlets and solar shading.

SPECIFICATION / MATERIALS

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DESIGN REFERENCES

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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Masonry, glazing, finishes and quantities

MASONRY / BLOCKS · MANUFACTURER DATA

Tag / product	L × t × H (mm)	R (m².K/W)
S1 Porotherm GF R20 Th+	500 × 200 × 299	1.48–1.50
S2 Xella Ytong Compact 20	625 × 200 × 250	1.82
S3 Fabemi creux B40	500 × 200 × 200	0.23
S3b Alkern BC20 B40	500 × 200 × 200	Product declaration

R values for masonry alone. S1: 29 January 2025 sheet, plant-specific value. I1 GR32 120 mm: R = 3.75. Selected wall build-up: render 15 + block 200 + insulation 120 + plasterboard 13 = 348 mm.

TILES / STONE / GLAZING

ID	Space	Brand / range	Format / build-up
F1	Living / circulation	Marazzi Mystone	60×60 / 80×80
F1-P	Villa / prestige	Porcelanosa / Atlas Concorde	120×120 / 120×240
F1-B	Wet rooms	Marazzi / Porcelanosa	60×60; douche 5×5
F1-E	Terrace / pool	Atlas Concorde OUT / pierre	60×60×20 / 40×60
F2	Adhesive / grout	Webercol flex comfort C2S1	Weberjoint / étanchéité
W1/W2	Windows / glazing	K-Line / Technal SOLEAL	DV 4/16 Ar/4 FE · Ug 1.1
W2-S	Pool-side glazing	Saint-Gobain Stadip Protect	44.2/16 Ar/44.2 FE
F3	Walls / ceilings	Tollens / Seigneurie	velours / mat A+

GEOMETRIC TAKE-OFF · BOQ BASIS

Item	Quantity / formula
Gross area / floor	360.00 m²
External perimeter	76.00 m
Gross facade · 3 m / floor	228.0 m²
200 mm slab concrete / floor	72.00 m³
Internal finishes · drawn clear rooms	324.5 m²
S1 bricks · 6.6/m² of net masonry	Quantity = net wall area × 6.6

SPECIFICATION / MATERIALS

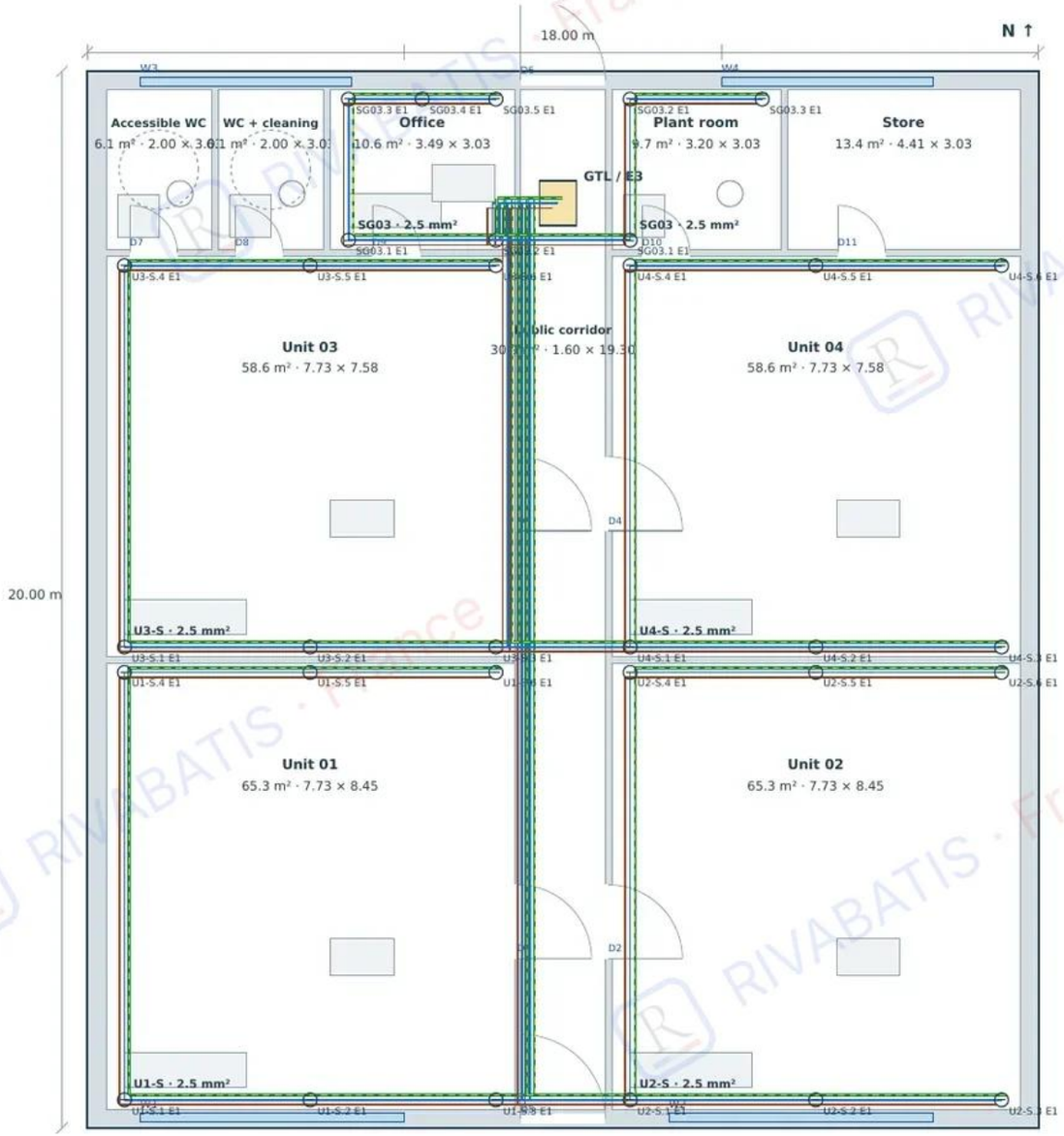
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R1 Terreal / Edilians · ou SOPREMA toiture

DESIGN REFERENCES

NF C 15-100 (2024) · NF DTU 60.1/60.11 · DTU 20.1 · 61.1 · RE2020 · Eurocodes

Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Electrical plan: sockets and wiring



Dimensions in metres · wall thicknesses shown · W / D opening references

SPECIFICATION / MATERIALS

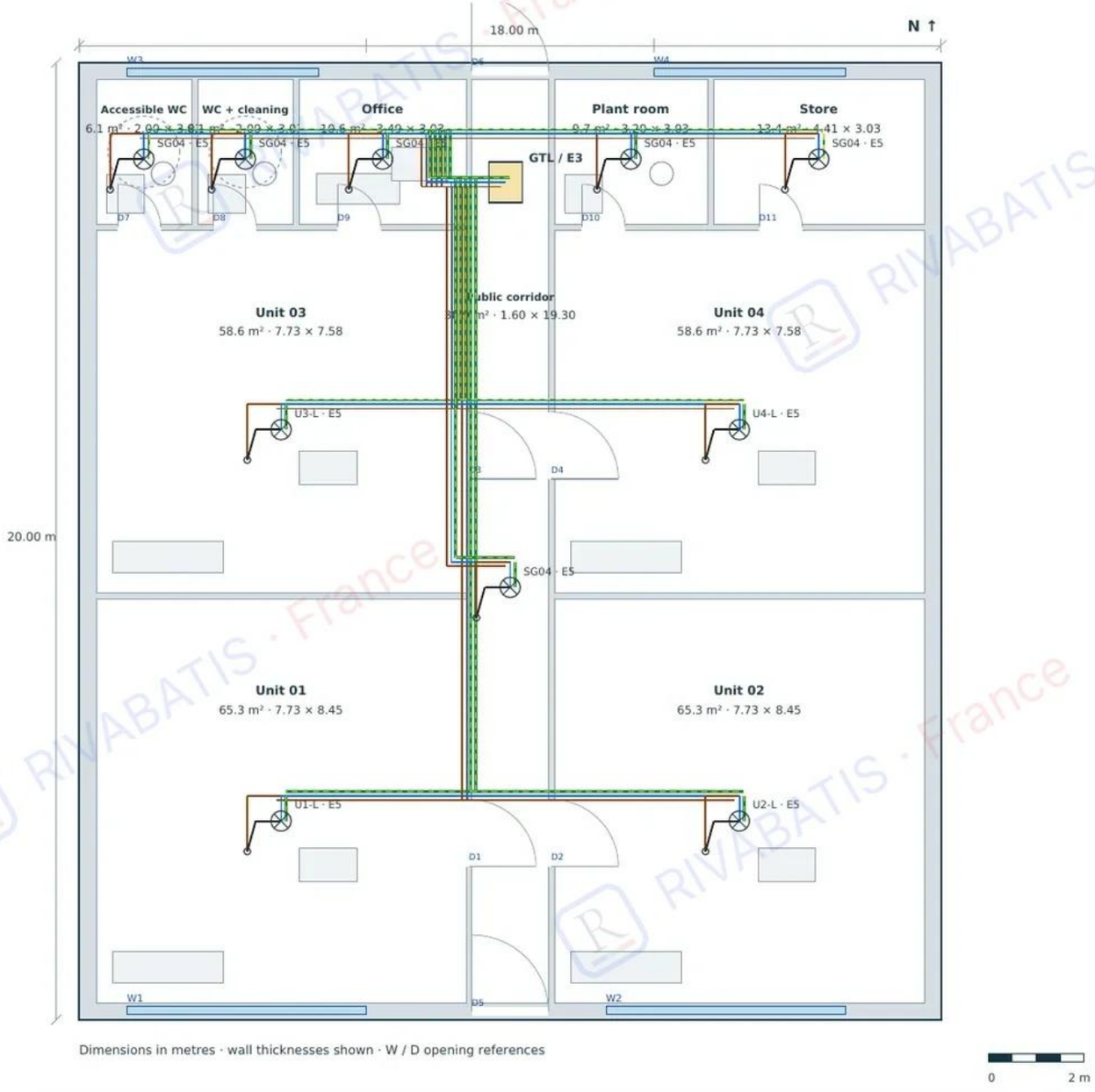
E1	Legrand Dooxie / Céliane · earthed sockets
E2	Nexans H07V-U / U-1000 R2V
E3	Schneider Resi9 / Acti9 · protection
E4	30 mA RCD · types A/F · continuous PE
E5	Philips CoreLine LED · DCL / IP44 / IP65
L	Brown live · black return · 1.5/2.5/6 mm²
N	Blue neutral · same cross-section as L
PE	Green-yellow · earth / bonding
P1	Comap MultiSkin · Ø16×2 / Ø20×2 / Ø26×3
P2	Nicoll PVC · waste Ø40/50 · soil Ø100
P3	Jacob Delafon Odéon Up / Porcher
P4	Grohe Eurosmart / Hansgrohe Talis
H1	Atlantic Alféa / Daikin Altherma
H2	Thermor Aéromax · ECS / DHW
V1	Aldes EasyHOME Hygro / InspirAIR
S1	Porotherm GF R20 Th+ · 500×200×299
S2	Ytong Compact 20 · 625×200×250
S3	Fabemi B40 / Alkern BC20 · 500×200×200
I1	Isover GR32 / Knauf · Placo BA13
W1	K-Line KL-BC / Technal SOLEAL
W2	DV 4/16 Ar/4 FE · warm-edge · Ug 1.1
F1	Marazzi / Porcelanosa / Atlas Concorde
F2	Webercol flex comfort C2S1 · Weberjoint
F3	Tollens Idrotop / Seigneurie Evolutex
R1	Terreal / Edilians · ou SOPREMA toiture

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Electrical plan: lighting and switching



Dimensions in metres · wall thicknesses shown · W / D opening references

0 2 m

SPECIFICATION / MATERIALS

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Consumer unit: diagram and circuits



ID	Destination	mm²	MCB	RCD
U1-L	1: lighting	1.5	10 A	R1
U1-S	1: sockets	2.5	20 A	R1
U1-H	1: HVAC	2.5	20 A	R1
U2-L	2: lighting	1.5	10 A	R2
U2-S	2: sockets	2.5	20 A	R2
U2-H	2: HVAC	2.5	20 A	R2
U3-L	3: lighting	1.5	10 A	R3
U3-S	3: sockets	2.5	20 A	R3
U3-H	3: HVAC	2.5	20 A	R3
U4-L	4: lighting	1.5	10 A	R4
U4-S	4: sockets	2.5	20 A	R4
U4-H	4: HVAC	2.5	20 A	R4
SG01	DHW	2.5	20 A	R5
SG02	VMC	1.5	2 A	R5
SG03	Office sockets	2.5	20 A	R5
SG04	Common lighting	1.5	10 A	R5

Brown L · blue N · green-yellow PE; PE bypasses RCDs/MCBs · NF C 15-100 2024 series

SPECIFICATION / MATERIALS

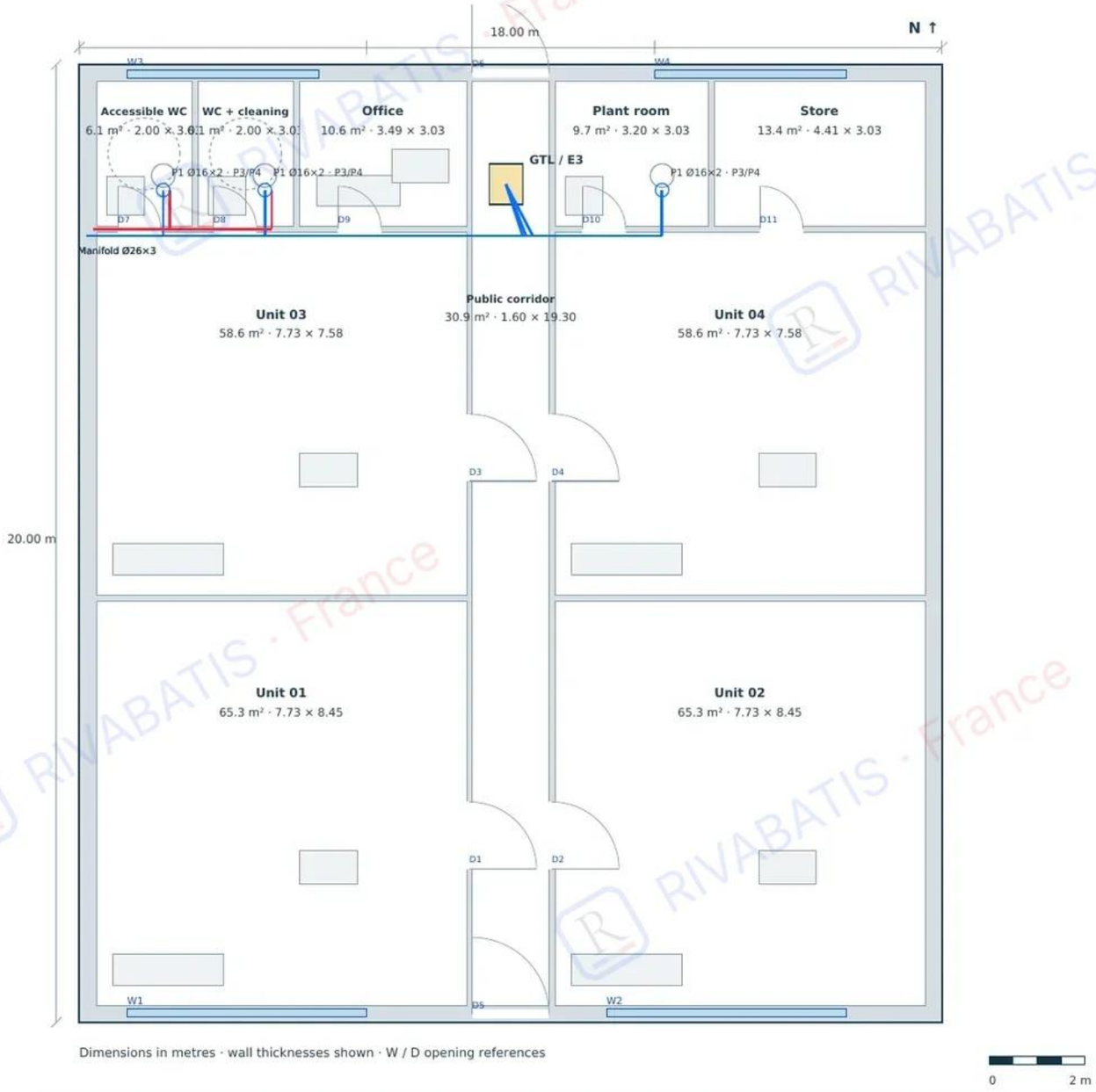
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R1	Terreal / Edilians · ou SOPREMA toiture

DESIGN REFERENCES

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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Plumbing plan: cold and hot water



Dimensions in metres · wall thicknesses shown · W / D opening references

SPECIFICATION / MATERIALS

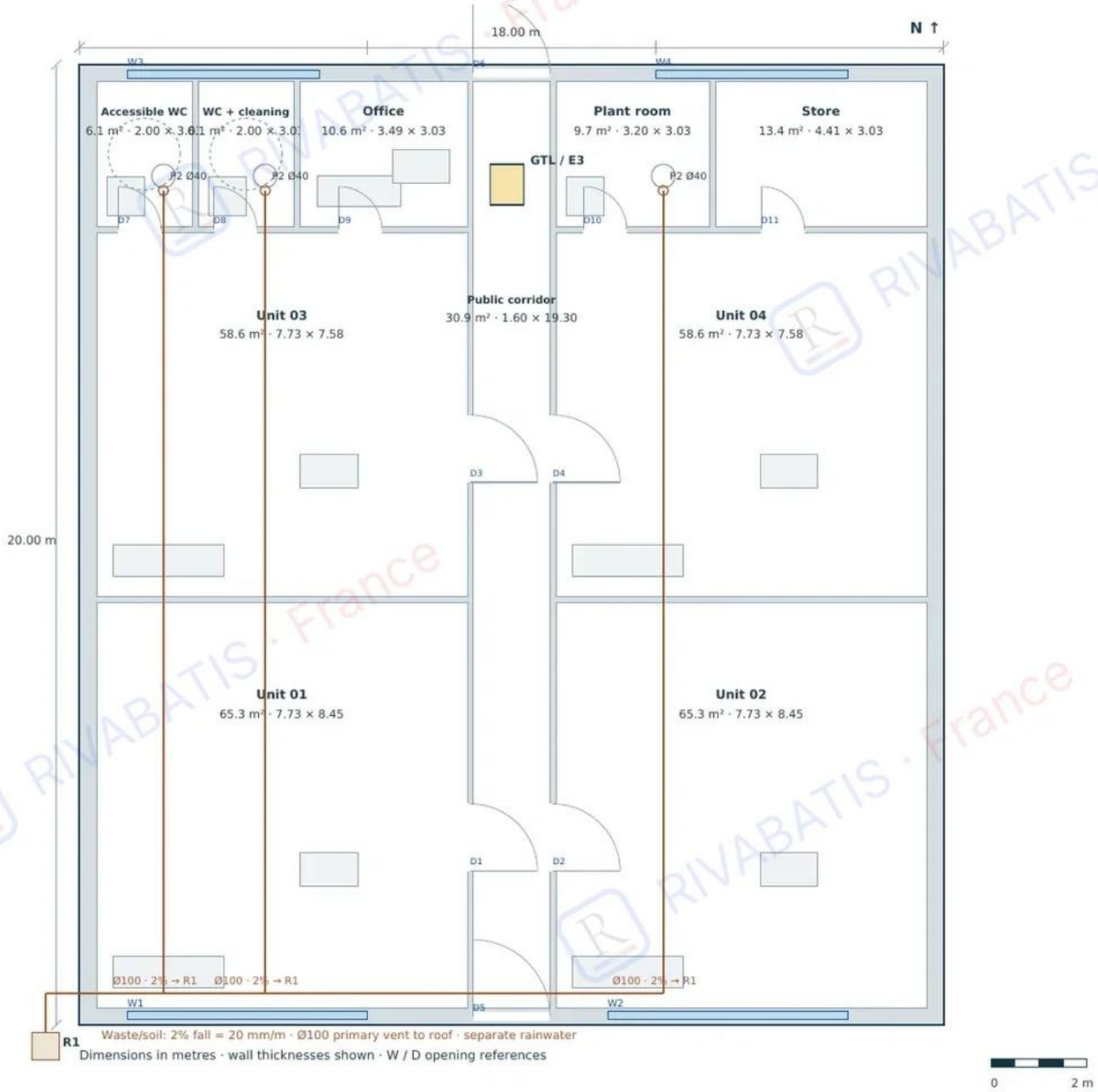
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Drainage plan: waste and soil



SPECIFICATION / MATERIALS

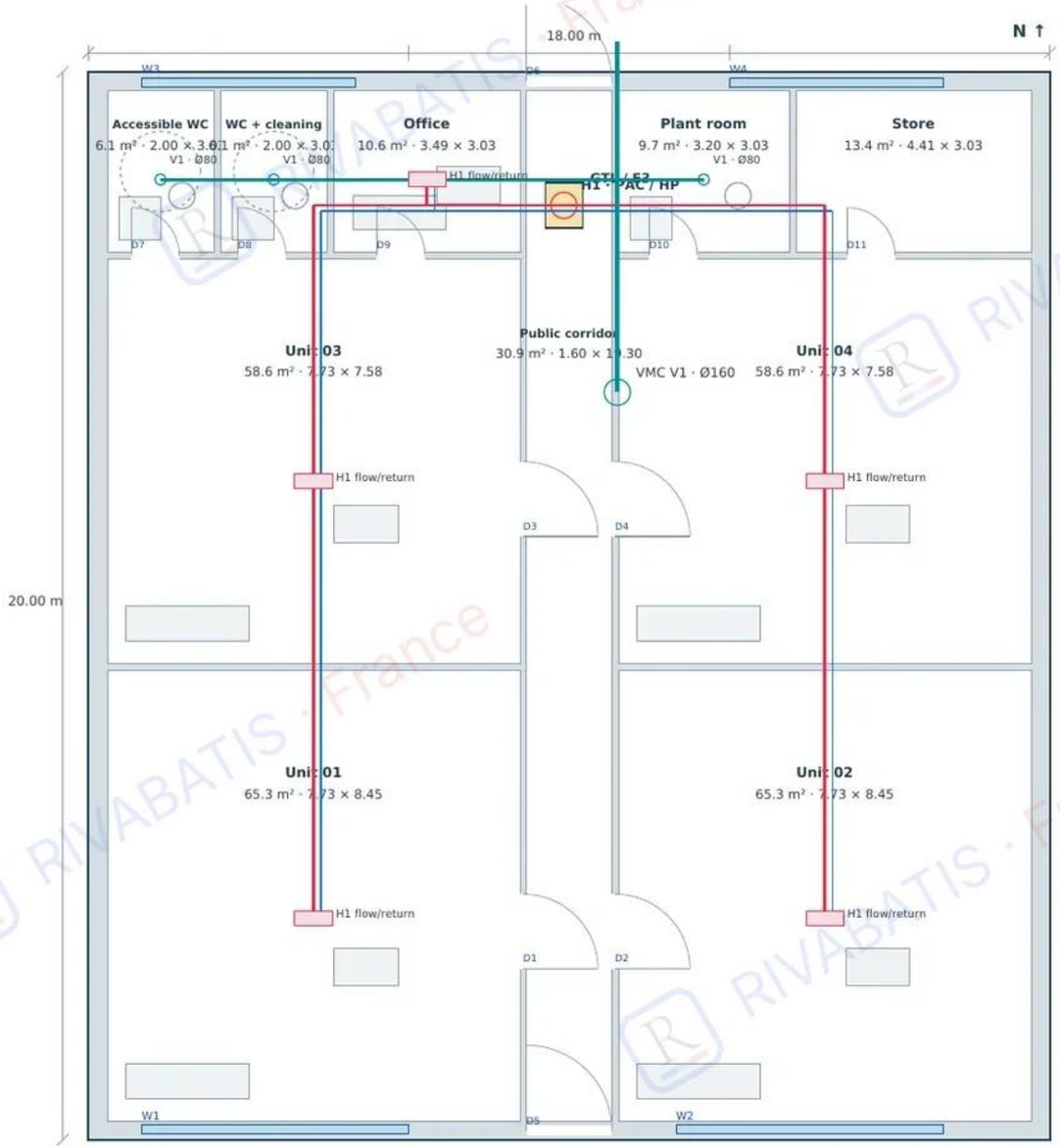
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S3	Fabemi B40 / Alkern BC20 · 500×200×200
I1	Isover GR32 / Knauf · Placo BA13
W1	K-Line KL-BC / Technal SOLEAL
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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Heating, cooling and ventilation plan



Dimensions in metres · wall thicknesses shown · W / D opening references

0 2 m

SPECIFICATION / MATERIALS

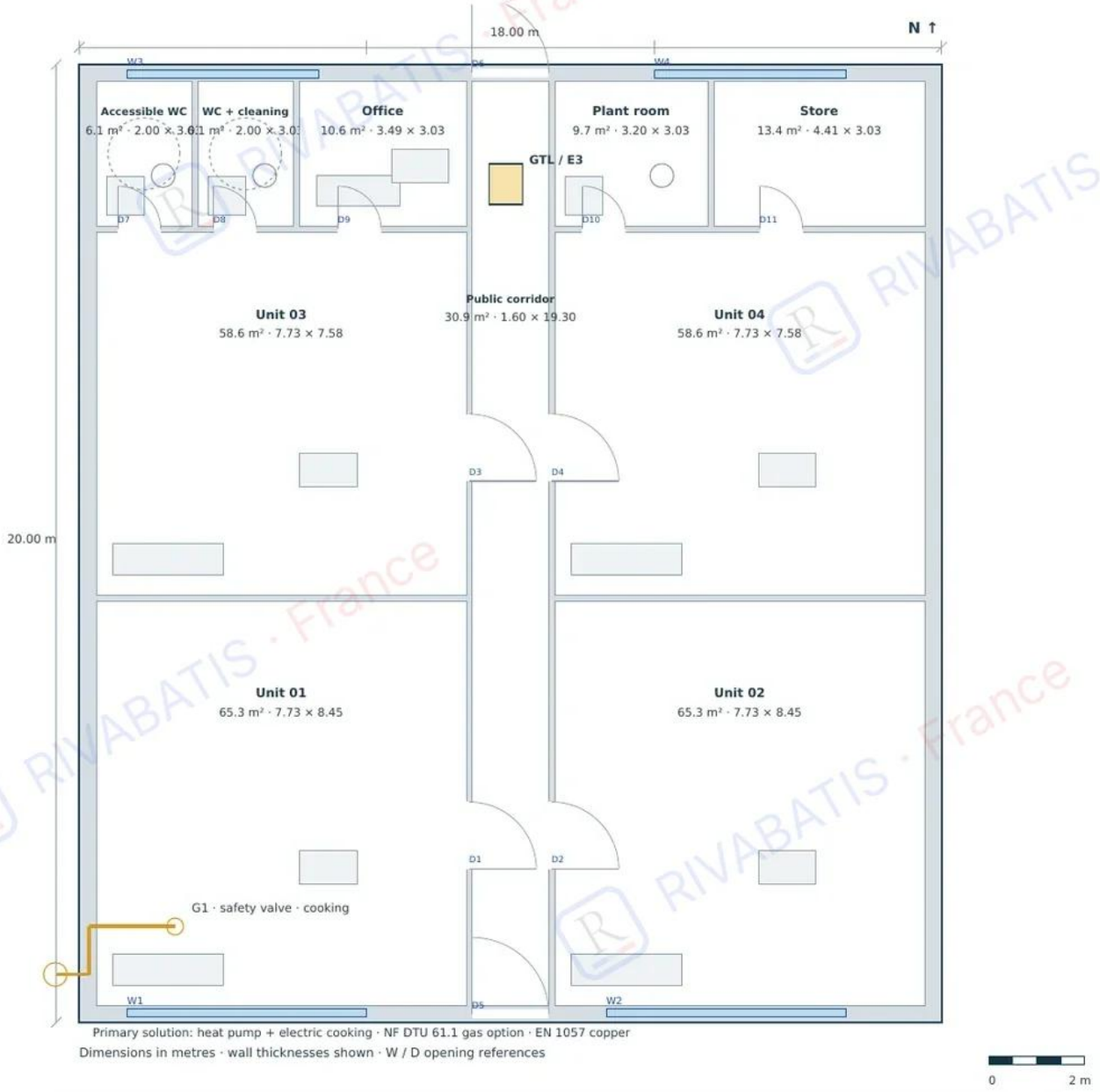
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V1	Aldes EasyHOME Hygro / InspirAIR
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Equipment tags refer to this schedule. Coordinated architecture, services and finishes.

Gas option: cooking



Primary solution: heat pump + electric cooking · NF DTU 61.1 gas option · EN 1057 copper

Dimensions in metres · wall thicknesses shown · W / D opening references

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Technology, quality and finish ranges

A SERVICE FOR EVERY PROJECT AND EVERY BUDGET

Accessible and Essential packages for working households and families; Premium for homeowners, businesses and investors; Prestige for exceptional villas and bespoke projects. The same coordination, transparency and quality principles support every tier.

BIM / Revit	Coordinated 2D plans, schedules, clash reviews, quantities and version control. PDF/IFC deliverables.
Laser / drone	Site survey, point cloud and orthophoto; setting out and earthworks progress comparison.
Préfabrication	Precast slabs, stairs and preassembled panels to streamline interfaces and programme.
RE2020	Regulatory Bbio/Cep/DH and carbon modelling; comparison of heat pumps, glazing and solar shading.
Smart home	Legrand Céliane with Netatmo; villa: SpaceLogic KNX scenes, submetering and local controls.
PAC / solaire	Atlantic / Daikin low-temperature systems and PV with Fronius inverter; energy monitoring.
Suivi numérique	Daily log, geotagged photos, QA inspections, client approvals and payment milestones in the portal.

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HANDOVER VERIFICATION

Water pressure tests and flushing; drainage testing; PE continuity, insulation and RCD tests; ventilation balancing; heat-pump commissioning; as-built dossier and maintenance instructions.