

Project 03 — exterior visualization

VALERIIA KURYLO

Architectural Drafter · Calgary, AB

368-399-2105 · kurilovaleri@gmail.com · linkedin.com/in/lerakurylo · draftaxis.com

Architectural drafter with 9+ years of experience and a Master of Architecture. Canadian residential experience in imperial units, from layout redesign to structural repair drawings. Full drawing sets in Revit, AutoCAD and ArchiCAD.

Software Revit · AutoCAD · ArchiCAD · SketchUp · Photoshop

SELECTED PROJECTS

01 **Residential Layout Redesign** — p. 2
Tano Studio · Calgary, AB

02 **Residential Structural Repair Drawings** — p. 3
J.S. Held · Ontario

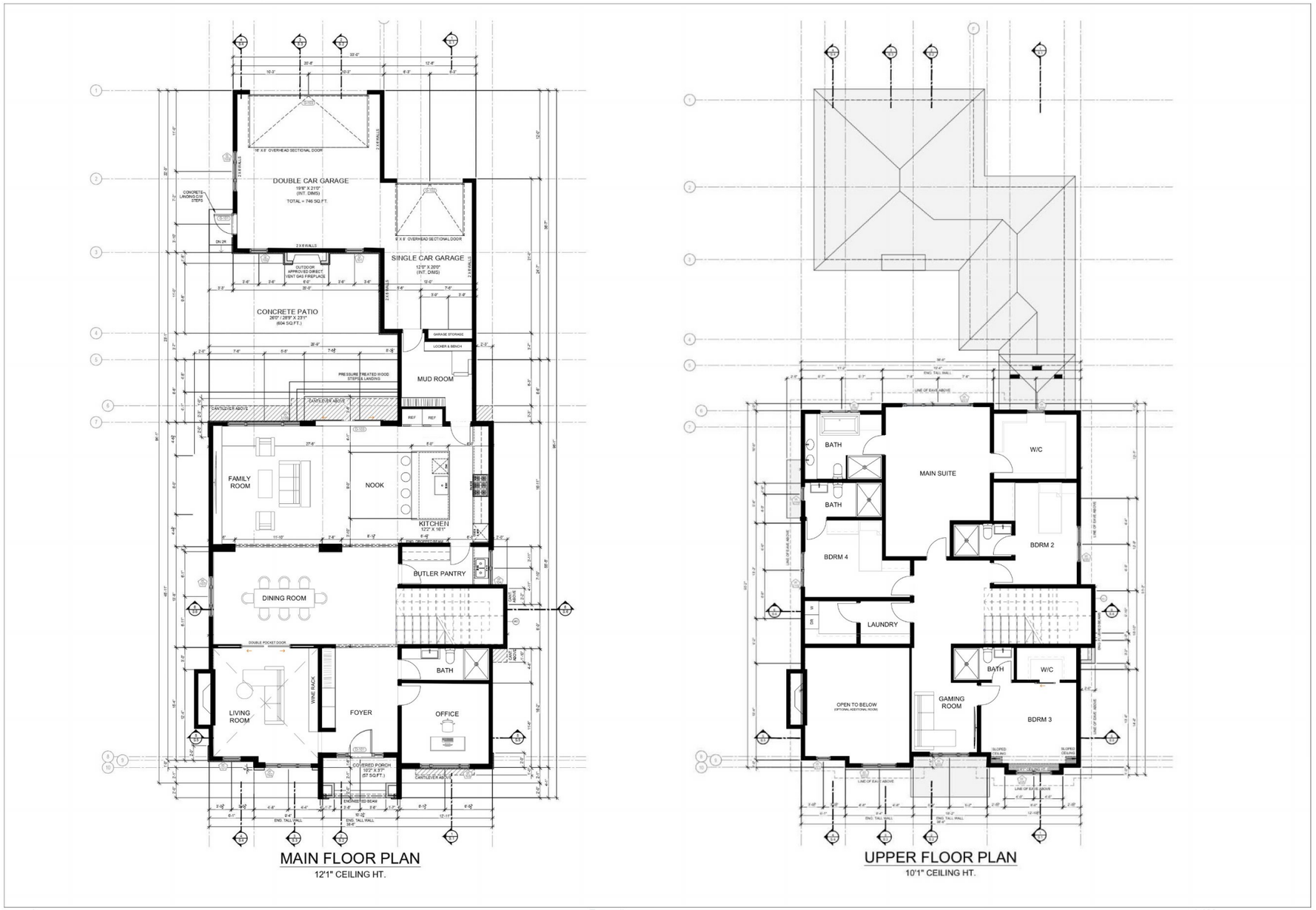
03 **Two-Storey Single-Family Home** — p. 5
Partner Construction · Ukraine

04 **Apartment Interior Layout** — p. 8
Partner Construction · Ukraine

05 **Restaurant Layouts** — p. 9
Partner Construction · client Very Well Cafe · Ukraine

06 **LPG Refuelling Facility** — p. 11
Ligir ETBS · Kyiv, Ukraine

Drawings from Ukrainian projects are shown as issued, in metric units; an English translation key is provided beside each sheet. Client names and addresses have been removed for confidentiality.



01

Residential Layout Redesign

Main and upper floor plans

Firm	Tano Studio, Calgary (contract)
Location	Calgary, AB
Type	Two-storey detached home
Software	Revit, ArchiCAD
Units	Imperial

SCOPE

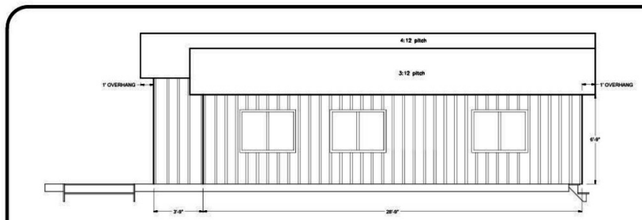
Reworked the layout of a two-storey detached home: relocated walls, rooms and the stair to improve circulation and room proportions.

Produced dimensioned main and upper floor plans with structural grids and section and elevation markers.

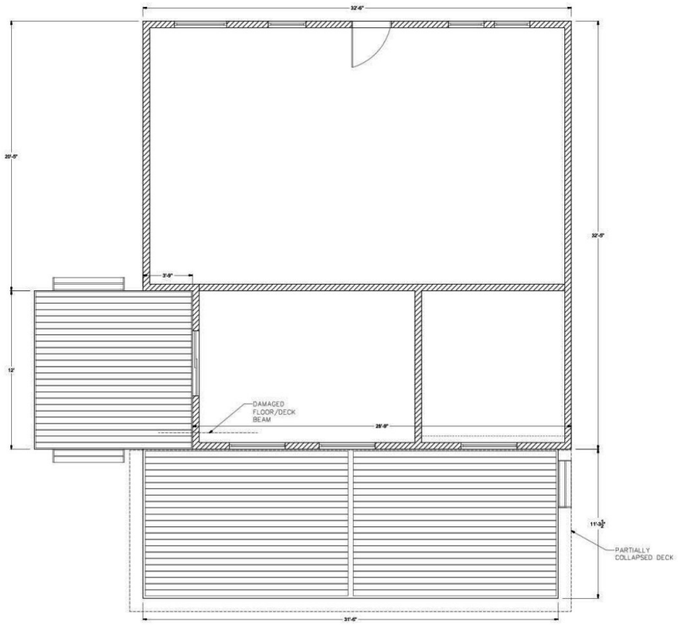
PROGRAM

Main floor (12'-1" ceiling): foyer, office, living room, dining room, kitchen with butler pantry, nook, family room, mudroom, full bath, double and single garages, covered porch and patio.

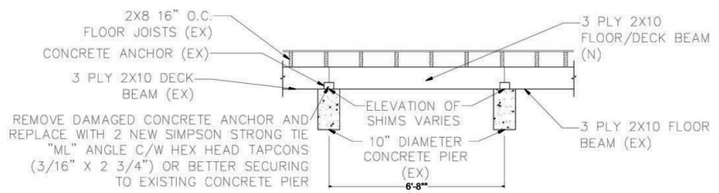
Upper floor (10'-1" ceiling): main suite with ensuite and walk-in closet, three bedrooms, gaming room, laundry, open-to-below area.



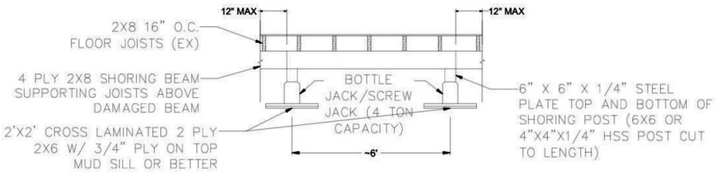
WEST ELEVATION
SCALE: 1/8" - 1'-0"



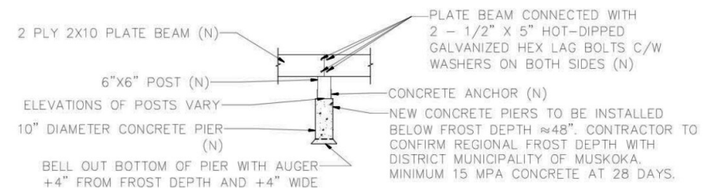
FLOOR PLAN
SCALE: 1/8" - 1'-0"



SECTION A - A
SCALE: 1/4" - 1'-0"



SECTION B - B (TEMPORARY SHORING BEAM)
SCALE: 1/4" - 1'-0"



TYPICAL DECK PIER BEAM CONNECTION
SCALE: 1/4" - 1'-0"

PLAN NOTES

- DAMAGED DECK TO BE REINSTATED.
- CONTRACTOR TO DETERMINE EXTENT OF SALVAGEABLE UNDAMAGED DECK BOARDS, JOISTS, AND PLATE BEAMS. SOME REMOVAL OF DECKBOARDS MAY BE REQUIRED FOR INSTALLATION OF SHORING BEAM.
- ORDER OF RESTORATION:
  1. LEVEL SOUTHEAST CORNER OF THE HOUSE WITH SHORING BEAM AND JACKS (SEE SECTION B -B (SHORING BEAM)).
  2. REINSTATE FLOOR BEAM (SECTION A - A).
  3. INSTALL NEW PIERS FOR REAR DECK (FOUNDATION PLAN)
  4. REINSTATE EXTERIOR DECK.
- NOMENCLATURE:
  (N) - NEW.
  (EX) - EXISTING.

JS|HELD

93 Skyway Avenue
Suite 210
Etobicoke, Ontario
M9W 6N6

PROJECT:
Residential Deck & Floor Beam Repair
Muskoka Region, ON

DATE: 02/07/2025	SHEET: S-002
DWN:	
CHECKED:	

02

Residential Structural Repair Drawings

Sheet S-002 — elevation, floor plan, sections and details

Firm	J.S. Held (contract drafter)
Location	Muskoka Region, ON
Year	2025
Software	AutoCAD
Units	Imperial
Code	Ontario Building Code 2024

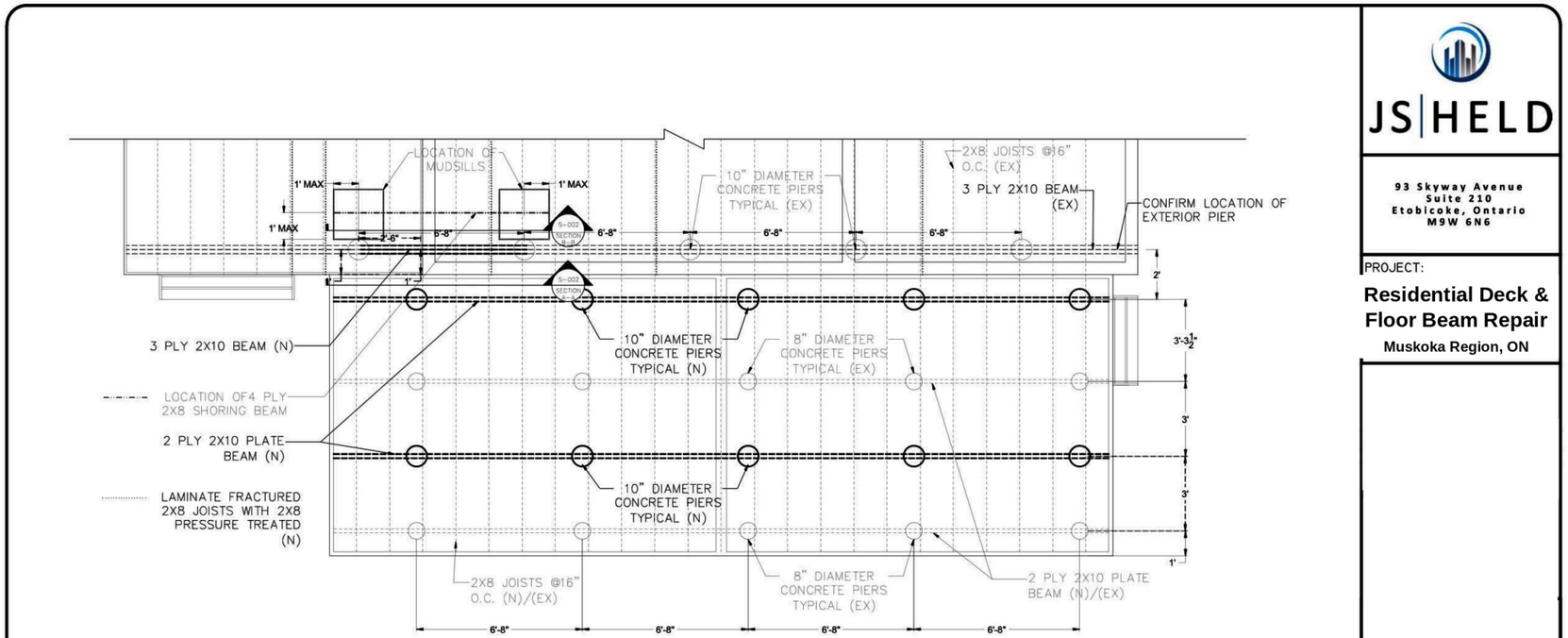
SCOPE

Repair drawings for a detached house damaged by a fallen tree. Drafted from site photos, field information and engineer mark-ups for engineering review and contractor pricing.

THIS SHEET

West elevation and floor plan (1/8" = 1'-0"); Section A-A floor-beam reinstatement and Section B-B temporary shoring beam (1/4" = 1'-0"); typical deck pier-to-beam connection; plan notes with the order of restoration.

Client name and property address removed for confidentiality.



FOUNDATION PLAN
SCALE: 1/4" - 1'-0"

PLAN NOTES

- DAMAGED DECK TO BE REINSTATED.
- CONTRACTOR TO DETERMINE EXTENT OF SALVAGEABLE UNDAMAGED DECK BOARDS, JOISTS, AND PLATE BEAMS. SOME REMOVAL OF DECKBOARDS MAY BE REQUIRED FOR INSTALLATION OF SHORING BEAM.
- ORDER OF RESTORATION:
  1. LEVEL SOUTHEAST CORNER OF THE HOUSE WITH SHORING BEAM AND JACKS (SEE SECTION B -B (SHORING BEAM)).
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JS|HELD

93 Skyway Avenue
Suite 210
Etobicoke, Ontario
M9W 6N6

PROJECT:
Residential Deck & Floor Beam Repair
Muskoka Region, ON

DATE:	SHEET:
02/07/2025	S-003
DWN:	
CHECKED:	

02

Residential Structural Repair Drawings

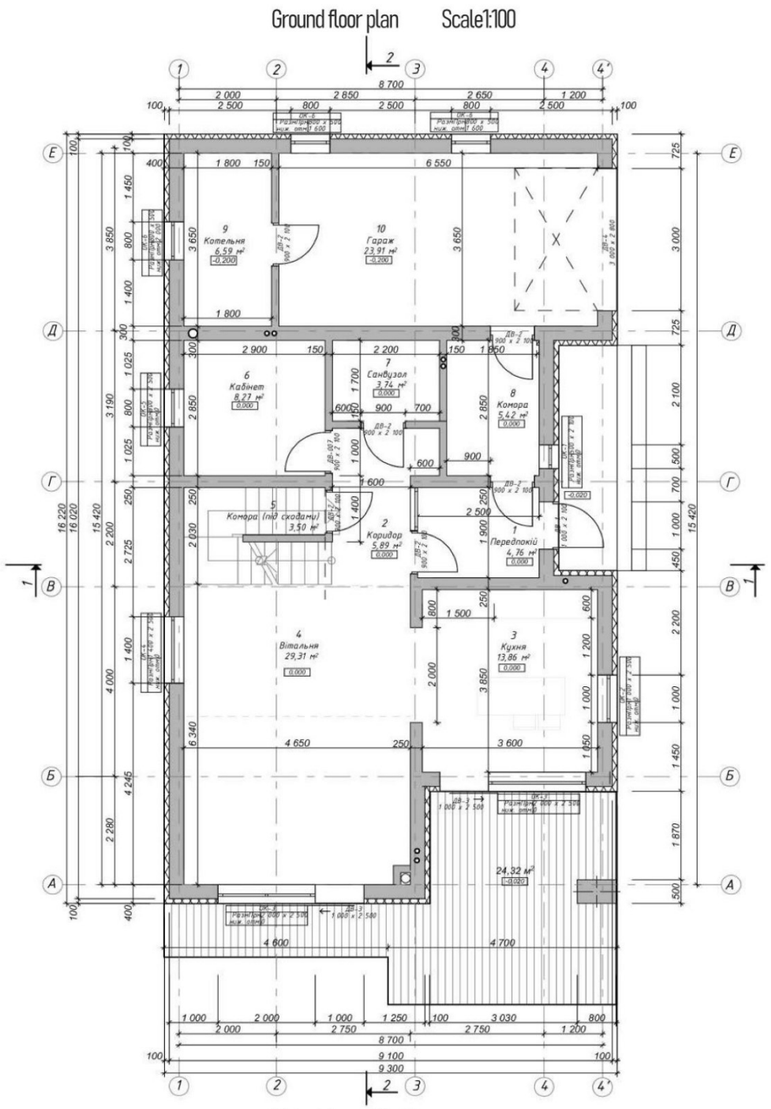
Sheet S-003 — foundation plan

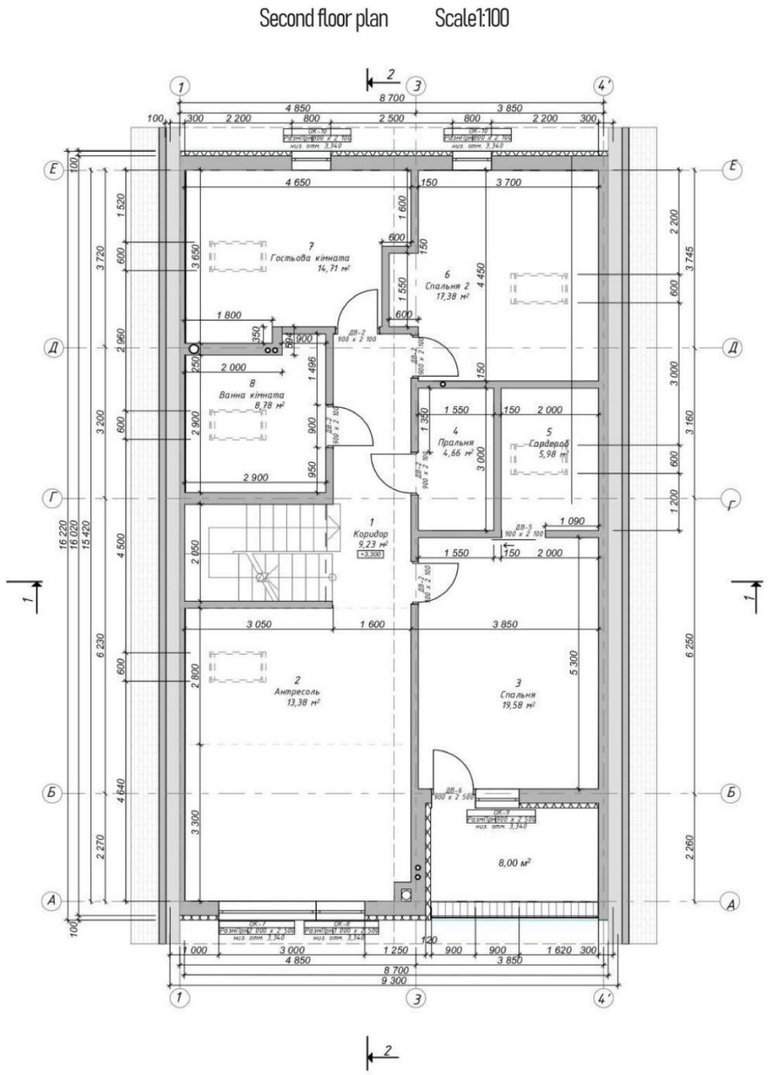
Firm	J.S. Held (contract drafter)
Location	Muskoka Region, ON
Year	2025
Software	AutoCAD
Units	Imperial
Code	Ontario Building Code 2024

THIS SHEET

Foundation plan at 1/4" = 1'-0": new and existing concrete piers, built-up plate beams, joists and the temporary shoring beam, with pier spacing and verification notes for the contractor.

Client name and property address removed for confidentiality.





Material specification

Mark	Description	Unit	Floor 1	Floor 2	Total	Notes
Block 300×600×200	Aerated concrete, 300 mm	m³	48.68	40.56	89.24	
Block 250×600×200	Aerated concrete, 250 mm	m³	9.04	3.68	12.72	
Block 150×600×200	Aerated concrete, 150 mm	m³	8.32	16.57	24.89	
Mineral wool 100 mm	Insulation	m³	13.32	11.54	24.86	

03

Two-Storey Single-Family Home

Ground and second floor plans, material quantities

Firm	Partner Construction Architectural Agency
Location	Ukraine (client project)
Years	2019–2024
Software	ArchiCAD, SketchUp
Units	Metric (mm), 1:100

SCOPE

Architectural set for a detached home in aerated-concrete block with a timber roof: floor plans, material quantities, facades, building sections with assembly build-ups, and 3D visualization.

TRANSLATION KEY — GROUND FLOOR

1 Передпокій	Entry hall — 4.76 m²
2 Коридор	Corridor — 5.89 m²
3 Кухня	Kitchen — 13.86 m²
4 Вітальня	Living room — 29.31 m²
5 Комора (під сходами)	Storage under stair — 3.50 m²
6 Кабінет	Study — 8.27 m²
7 Санвузол	Washroom — 3.74 m²
8 Комора	Pantry — 5.42 m²
9 Котельня	Boiler room — 6.59 m²
10 Гараж	Garage — 23.91 m²
(unlabelled)	Terrace — 24.32 m²

TRANSLATION KEY — SECOND FLOOR

1 Коридор	Corridor — 9.23 m²
2 Антресоль	Mezzanine — 13.38 m²
3 Спальня	Bedroom — 19.58 m²
4 Пральня	Laundry — 4.66 m²
5 Гардероб	Walk-in closet — 5.98 m²
6 Спальня 2	Bedroom 2 — 17.38 m²
7 Гостьова кімната	Guest room — 14.71 m²
8 Ванна кімната	Bathroom — 8.78 m²
(unlabelled)	Balcony — 8.00 m²

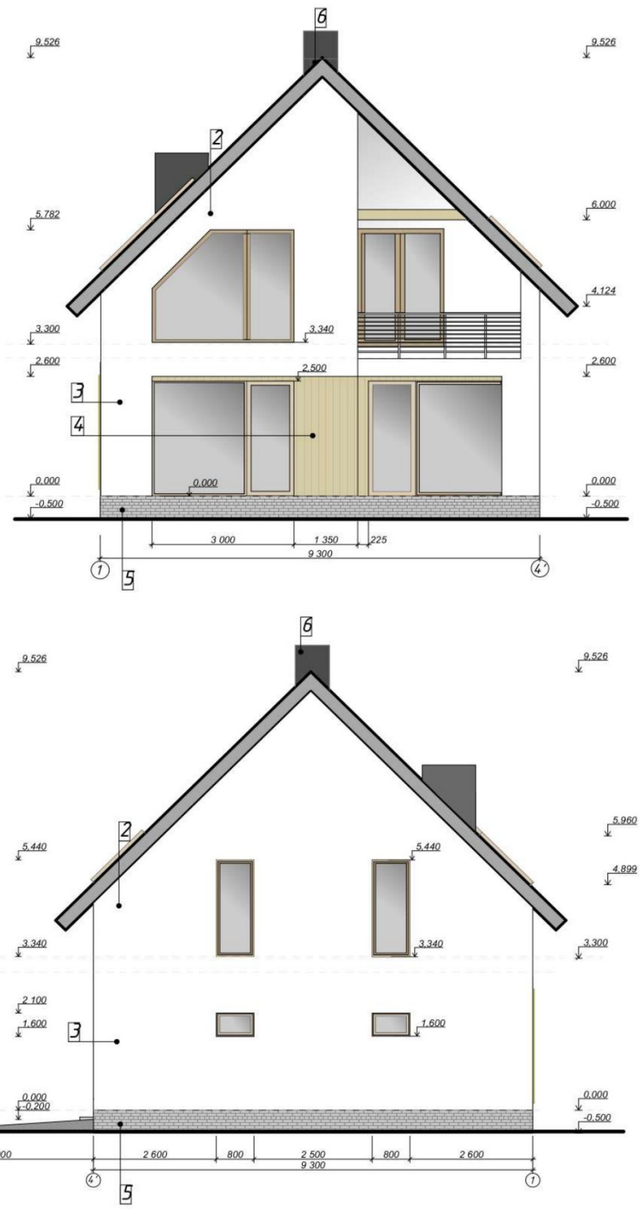
TAGS

ДВ-2 900×2100	Door type D-2, 900 × 2100 mm
ОК-5	Window type W-5
Розмір / ниж. отм.	Size / sill elevation

Material specification table translated in place. 1 m² ≈ 10.76 sq ft.

Facades Scale 1:100





03

Two-Storey Single-Family Home

Facades

Firm	Partner Construction Architectural Agency
Location	Ukraine (client project)
Years	2019–2024
Software	ArchiCAD, SketchUp
Units	Metric (mm), 1:100

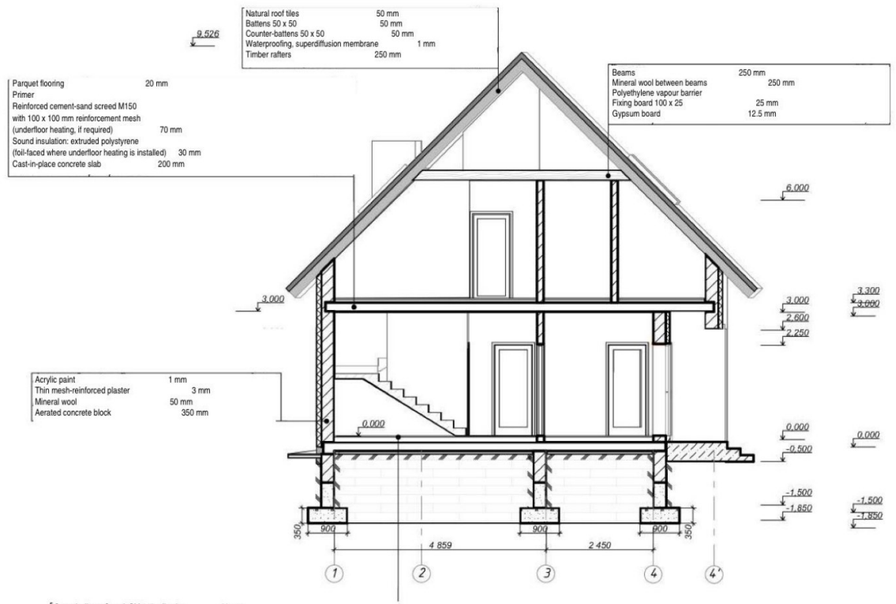
THIS SHEET

Four facades at 1:100 with level marks, opening dimensions and finish callouts. Elevations are in metres relative to ±0.000 (ground-floor finished floor).

TRANSLATION KEY

Рівень чистої підлоги 1-го поверху	Finished floor level, ground floor
Рівень стелі 1-го поверху	Ceiling level, ground floor
Рівень чистої підлоги 2-го поверху	Finished floor level, second floor
Балка 400×400	Beam 400 × 400 mm
Розріз вхідної групи	Section through entrance

Building Section A Scale 1:100

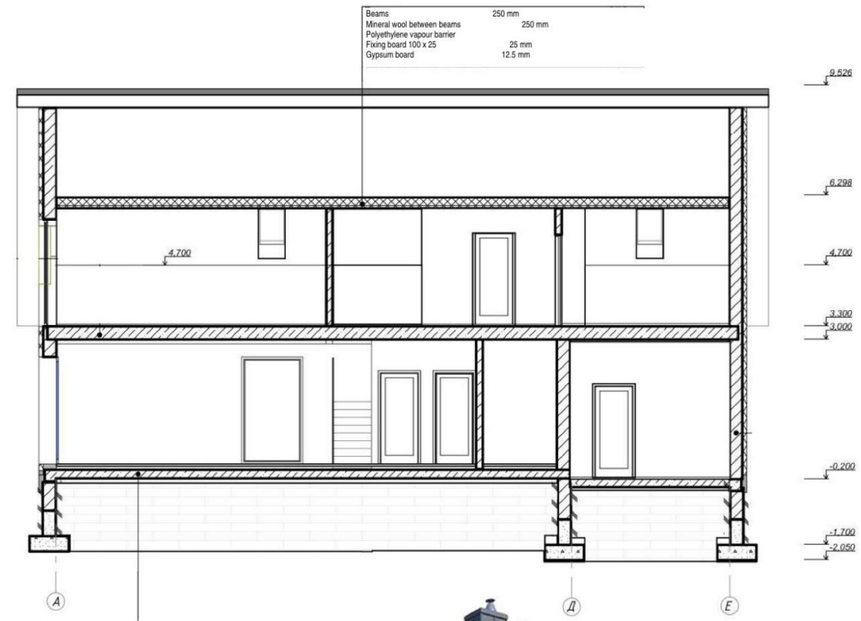


Ceramic tile on Ceresit CM 117 adhesive 20 mm
Reinforced cement-sand screed M150
with 100 x 100 mm reinforcement mesh
(underfloor heating, if required) 70 mm
Thermal insulation: extruded polystyrene
(foil-faced where underfloor heating is installed) 50 mm
Applied waterproofing HIDROFLEX
Concrete blinding, class B7.5
(provides slope toward garage) 100 mm
Soil compacted with crushed stone (100 mm)

Legend

- Aerated concrete block
- Mineral wool insulation
- Cast-in-place reinforced concrete
- Timber
- Sand bedding

Building Section B Scale 1:100



Ceramic tile on Ceresit CM 117 adhesive 20 mm
Reinforced cement-sand screed M150
with 100 x 100 mm reinforcement mesh
(underfloor heating, if required) 70 mm
Thermal insulation: extruded polystyrene
(foil-faced where underfloor heating is installed) 50 mm
Applied waterproofing HIDROFLEX
Concrete blinding, class B7.5
(provides slope toward garage) 100 mm
Soil compacted with crushed stone (100 mm)



03

Two-Storey Single-Family Home

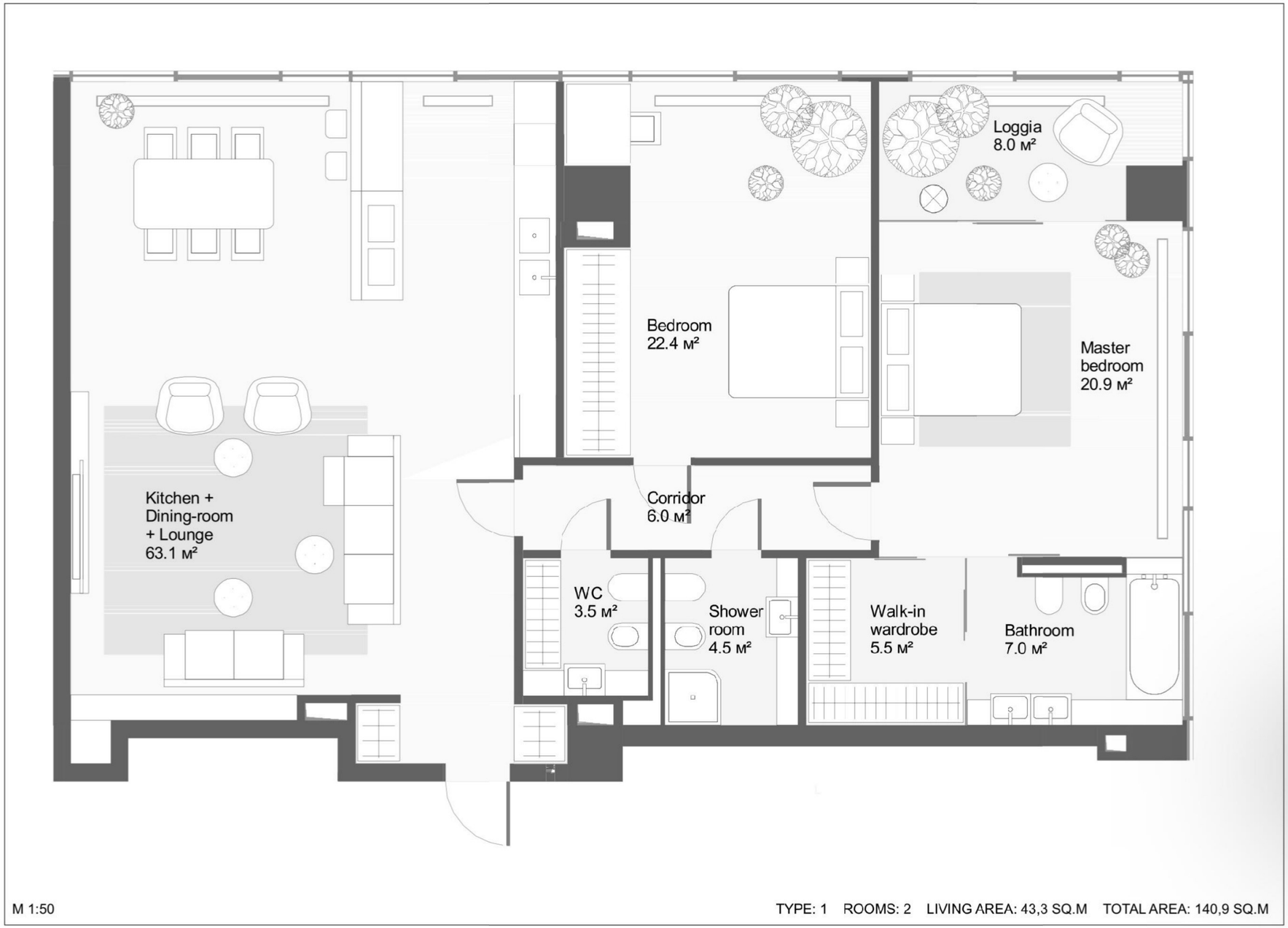
Building sections and visualization

Firm	Partner Construction Architectural Agency
Location	Ukraine (client project)
Years	2019–2024
Software	ArchiCAD, SketchUp
Units	Metric (mm), 1:100

THIS SHEET

Building sections A and B at 1:100 with foundation, floor, wall and roof assembly build-ups, a material legend, and an exterior 3D visualization.

Labels on this sheet are in English.



04

Apartment Interior Layout

Furnished floor plan, 1:50

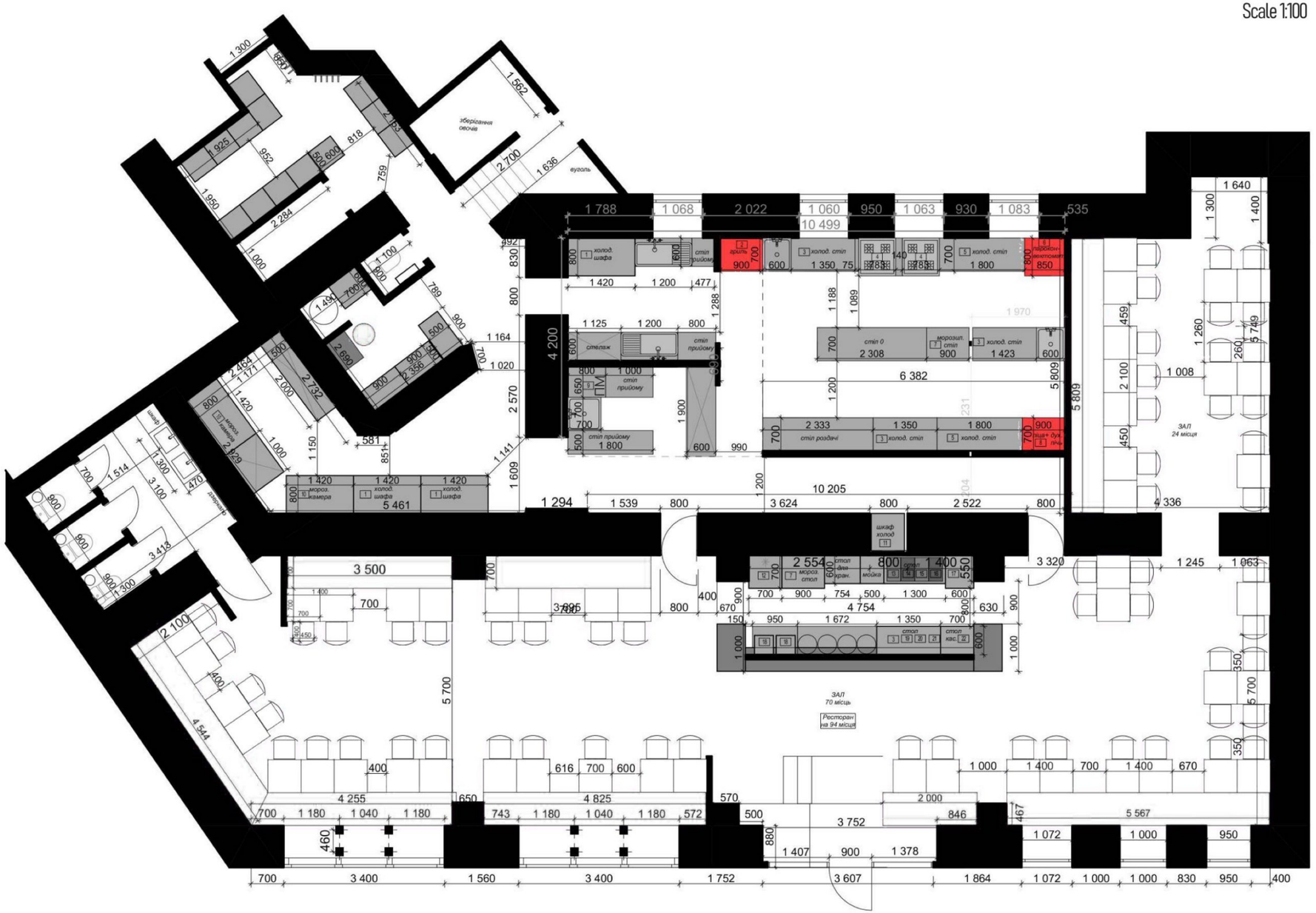
Firm	Partner Construction Architectural Agency
Location	Ukraine (client project)
Years	2019–2024
Software	ArchiCAD, SketchUp
Area	140.9 m² total (≈ 1,517 sq ft)

SCOPE

Space planning and furnished layout for a large apartment: open kitchen, dining and lounge; two bedrooms; walk-in wardrobe; bathroom, shower room and separate WC; loggia.

Labels on this sheet are in English (areas in m²).

Ground floor plan
Scale 1:100



05

Restaurant Layouts

94-seat restaurant — ground floor plan, 1:100

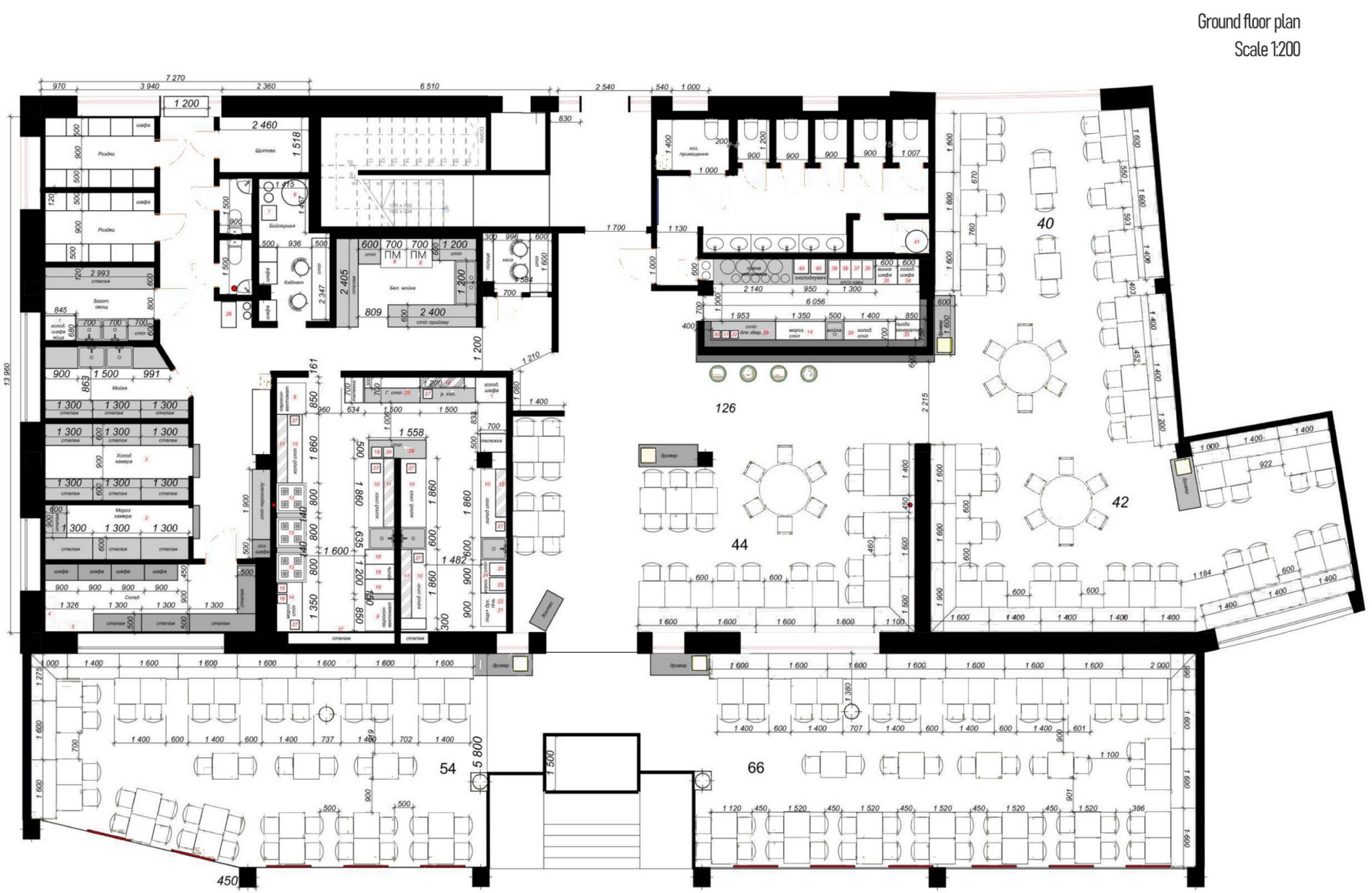
Firm	Partner Construction Architectural Agency
Client	Very Well Cafe (restaurant chain)
Location	Ukraine
Years	2019–2024
Units	Metric (mm)

SCOPE

Kitchen and front-of-house layouts for new locations of a restaurant-chain client: equipment placement, prep and service lines, back-of-house storage, washrooms and seating. One of four locations delivered within one year.

TRANSLATION KEY

1 Холод. шафа	Refrigerated cabinet
2 Гриль	Grill
3, 5 Холод. стіл	Refrigerated counter
4	Range / cooktop
6 Пароконвектомат	Combi oven
7 Морозил. стіл	Freezer counter
8 Піца + дух. піч	Pizza / baking oven
9 ПМ	Dishwasher
10 Мороз. камера	Walk-in freezer
11 Шкаф холод.	Refrigerator
Стіл прийому	Receiving / prep table
Стіл роздачі	Pass (service counter)
Стіл 0 / Стіл	Work table
Стелаж	Shelving
Мийка	Sink
Стол кас.	Cashier counter
Стол для хран.	Storage counter
Зберігання овочів	Vegetable storage
Вугіль	Charcoal storage
Шафа / Дзеркало	Cabinet / Mirror
Зал 70 / 24 місця	Dining room, 70 / 24 seats
Ресторан на 94 місця	Restaurant, 94 seats total



05

Restaurant Layouts

Large-format restaurant — ground floor plan, 1:200

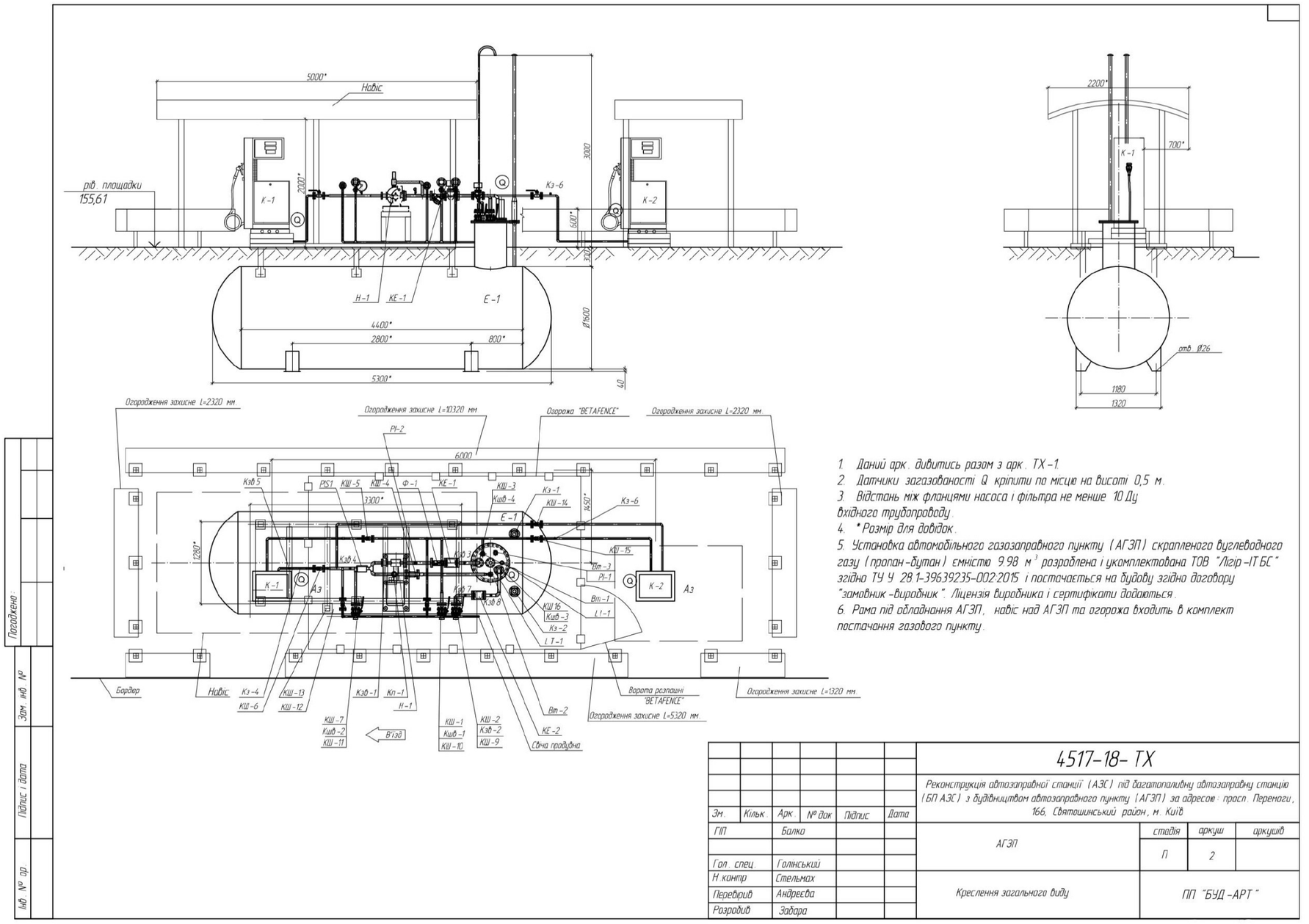
Firm	Partner Construction Architectural Agency
Client	Very Well Cafe (restaurant chain)
Location	Ukraine
Years	2019–2024
Units	Metric (mm)

THIS SHEET

Full back-of-house (cold rooms, prep, dishwashing, staff areas), open kitchen, bar and multiple dining zones. Large numbers in dining areas show seats per zone.

TRANSLATION KEY

Роздяг. / Шафа	Staff change room / lockers
Щитова	Electrical room
Бойлерна	Water-heater room
Кабінет	Manager's office
Бел. мийка / ПМ	Dishwashing / dishwasher
Загот. овощ.	Vegetable prep
Мийка	Wash-up
Холод. камера	Walk-in cooler
Мороз. камера	Walk-in freezer
Склад	Dry storage
Хоз. шафа / приміщення	Janitor closet / utility room
Стіл персоналу	Staff table
Холод. стіл / шафа	Refrigerated counter / cabinet
Г. стіл	Hot counter
Мороз. стіл	Freezer counter
Пароконвектомат	Combi oven
Гриль	Grill
Піца + дух. піч	Pizza / baking oven
Тележка	Cart
Каса / Полиця	Cashier / shelf
Хостес	Host stand
Пивна установка	Beer tap system
Охолоджувачі	Coolers
Стіл кави	Coffee station
Винна шафа	Wine cooler
Льодогенератор	Ice machine
Стіл для збер.	Storage counter



1. Даний арк. дивитись разом з арк. ТХ-1.
2. Датчики загазованості Q кріпити по місцю на висоті 0,5 м.
3. Відстань між фланцями насоса і фільтра не менше 10 Ду вхідного трубопроводу.
4. * Розмір для довідок.
5. Установка автомобільного газозаправного пункту (АГЗП) скрапленого вуглеводного газу (пропан-бутан) ємністю 9.98 м³ розроблена і укомплектована ТОВ "Лігір-ІТБС" згідно ТУ У 28.1-39639235-002:2015 і поставляється на будову згідно договору "замовник-виробник". Ліцензія виробника і сертифікати додаються.
6. Рама під обладнання АГЗП, навіс над АГЗП та огорожа входить в комплект постачання газового пункту.

Погоджено:

Інв. № дуб.

Підпис і дата

Зам. інв. №

Зм.	Кільк.	Арк.	№ док.	Підпис	Дата	4517-18- ТХ		
						Реконструкція автозаправної станції (АЗС) під багатопаливну автозаправну станцію (БП АЗС) з будівництвом автозаправного пункту (АГЗП) за адресою: просп. Перемоги, 166, Святошинський район, м. Київ		
ГІП		Балко				АГЗП	стадія	аркуш	аркушів
							П	2	
Гол. спец.		Голінський				Креслення загального виду	ПП "БУД-АРТ"		
Н. контр.		Стельмах							
Перевірив		Андреєва							
Розробив		Забара							

06

LPG Refuelling Facility

General arrangement drawing — elevation, end view and plan

Firm	Ligir ETBS (oil and gas services)
Location	Kyiv, Ukraine
Year	2018
Software	AutoCAD
Units	Metric (mm)
Stage	Design stage (П), sheet 2

SCOPE

Reconstruction of an existing gas station into a multi-fuel station with a new above-ground LPG (propane-butane) refuelling unit designed and supplied by Ligir ETBS: tank, pump, piping, dispensers, canopy and protective fencing.

TRANSLATION KEY

К-1, К-2	Dispensers
Е-1	LPG tank, 9.98 m³
Н-1 / Ф-1	Pump / filter
Навіс	Canopy
Огородження захисне	Protective barrier
Огорожа / Ворота розпашні	"Betafence" fence / swing gates
Свіча продувна	Purge vent stack
Бордюр / В'їзд	Curb / vehicle entry
Рів. площадки	Pad elevation
Креслення загального виду	General arrangement drawing

NOTES (TRANSLATED)

1. Read with sheet TX-1. 2. Gas detectors (Q) mounted on site at 0.5 m height. 3. Pump-to-filter flange distance not less than 10 DN of the inlet pipe. 4. * Dimension for reference. 5. LPG refuelling unit, 9.98 m³, designed and supplied by Ligir ETBS per its product specification; licence and certificates attached. 6. Equipment frame, canopy and fencing are included in the unit supply.