

2019



Design Project

Apartment in NYC



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Project composition:

#	Chart name
1	Cover sheet
2	Project composition
3	Kitchen-living room visualization
4	Bedroom visualization
5	Office space visualization
6	Bathroom visualization
7	Shower Visualization
8	Apartment blueprint
9	Furniture chart
10	Demolition chart
11	Hardware installation chart
12	Ventilation & AC chart
13	Electrical chart
14	Light fixtures chart
15	Light switches chart
16	Ceiling chart
17	Floors chart
18	Floors breakdown
19	Wall decoration chart
20	Plumbing hardware chart
21	Shower wall chart
22	Bathroom wall chart
23	Laundry wall chart
24	Hallway wall chart
25	Kitchen & Living room walls chart
26	Bedroom walls chart
27	Office space walls chart

1. All work is carried out in accordance with the rules, standards, and regulations set forth by responsible authorities at the time of completion of the project.
2. The general contractor should familiarize himself with the design documentation, verify the dimensions of the site and confirm that the project is feasible in the form specified within the documentation. Should there be any mismatches or inaccuracies, the general contractor must immediately inform the designer in writing so that any confusion can be avoided. If the general contractor fails to do so, all emerging repairs and adjustments will fall within the responsibility of the general contractor.
*The general contractor is responsible for correction of all defects in case the designer has not been notified in advance.
3. All measurements should be taken from digital values. Sizes should not be mathematically calculated from the drawings scale factor or rounded up.
4. All purchases of construction materials, not specified in the documentation, must be approved by the designer and customer, prior to their purchase.
5. If the onsite arrangement of materials or equipment does not match what is specified in the documentation, general contractor is required to immediately notify the designer and the customer for further clarification.
6. All finishing materials, plumbing and any equipment must be installed, connected and cleaned according to instructions and guidelines provided by the manufacturer. The general contractor must immediately inform the designer and customer about any mismatches with design project specifications for further clarification.
7. The general contractor must designate a responsible individual to represent him at the site during the entire duration of the construction work.
8. While the construction project is underway, the site must always be under full supervision or locked entirely.
9. Upon the completion of the project, the site must be entirely cleaned and handed over to the owner or party acting on the owner's behalf.

Signature of the client:

Date:

Scale: 1:50

Size: A3

Date: 12.28.2019



Scale: 1:50
Size: A3
Date: 12.28.2019

Project: Bachelor	Workgroup: US Operations	Drawing: Kitchen-Living Room Visualization
	Client: N/A	 page 3/27



Scale: 1:50
Size: A3
Date: 12.28.2019

Project:	Bachelor	Workgroup:	US Operations	Drawing:	Bedroom visualization
		Client:	N/A		
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Size: A3
Date: 12.28.2019

Project: Bachelor

Workgroup: US Operations

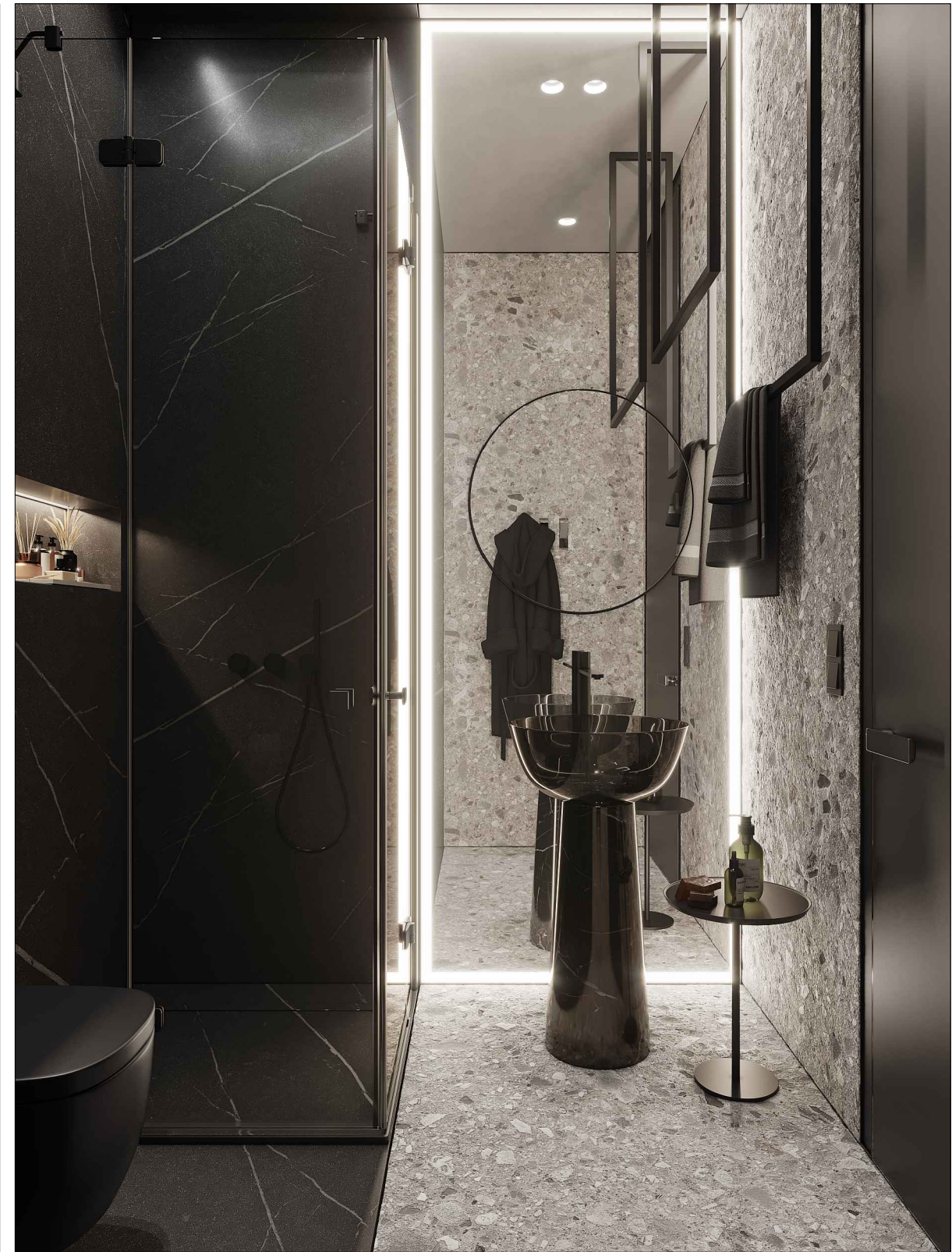
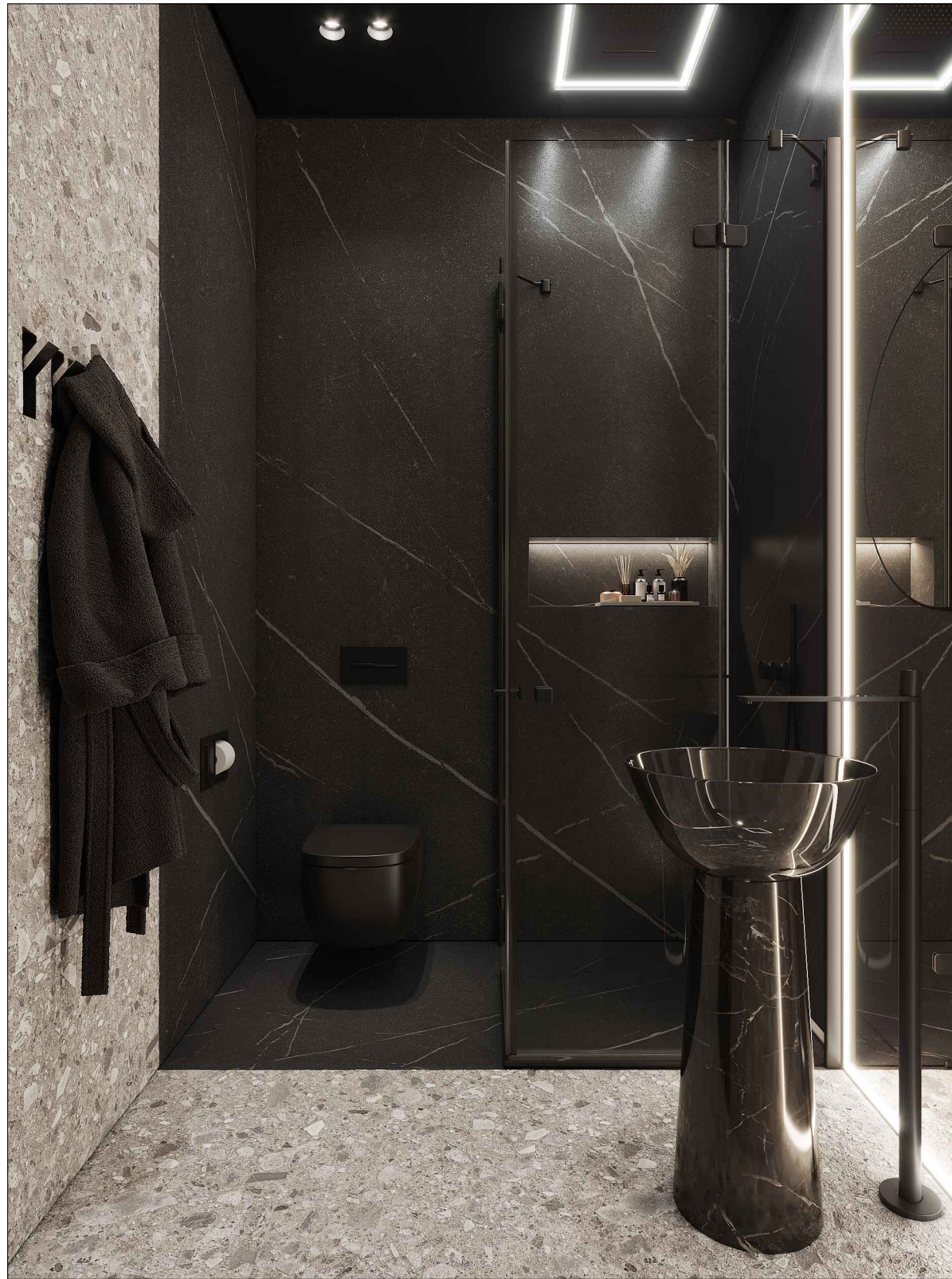
Drawing: Office space visualization

Client: N/A



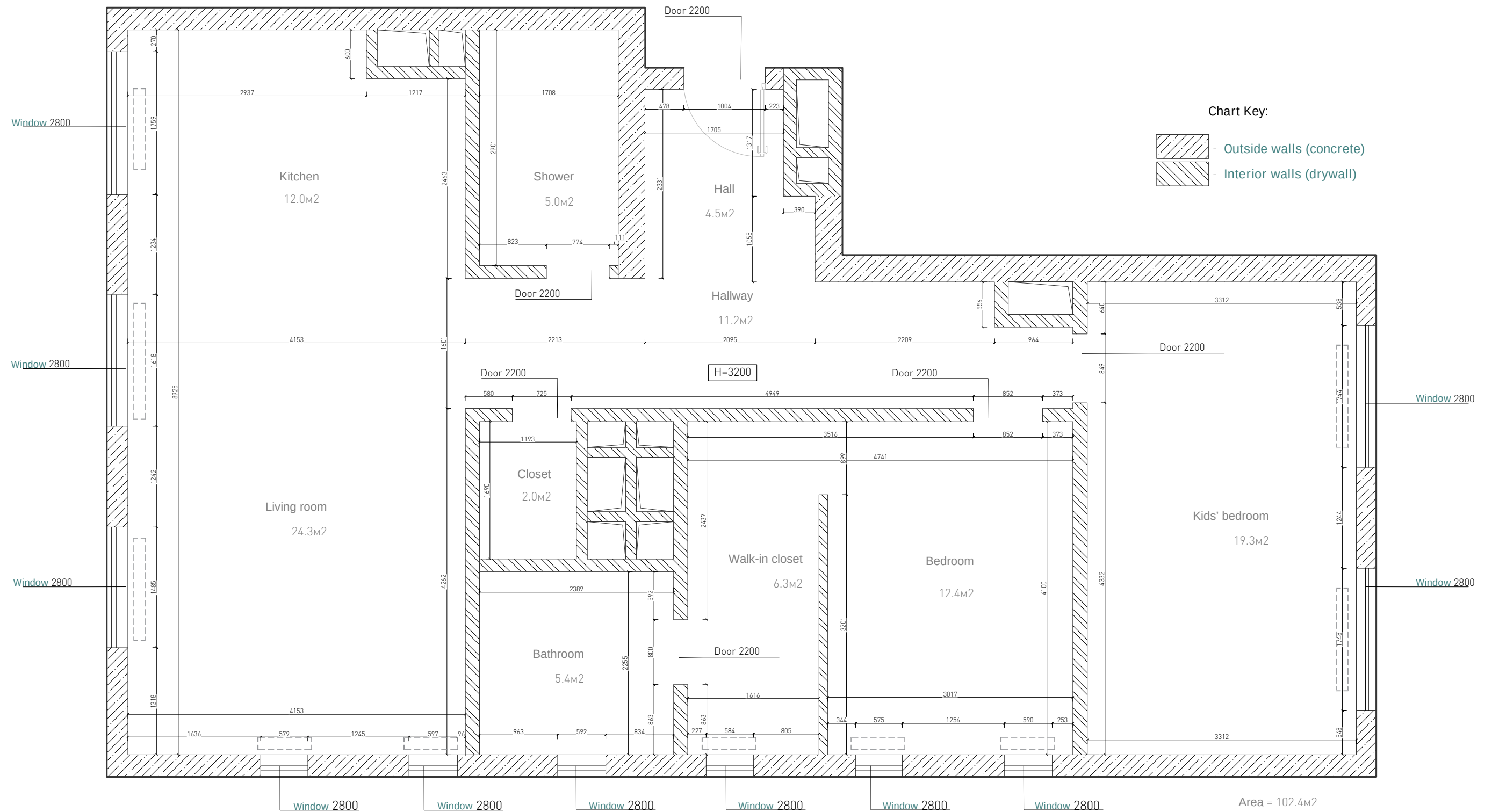
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Size: A3
Date: 12.28.2019

Project: Bachelor	Workgroup: US Operations	Drawing: Bathroom visualization
		 page 6/27
	Client: N/A	



Scale: 1:50
Size: A3
Date: 12.28.2019

Project:	Bachelor	Workgroup:	US Operations	Drawing:	Shower Visualization
		Client:	N/A		
					page 7/27



NOTE:

1. The area of the apartment is calculated without taking into account the interior walls.
2. All measurements must specify after demolition and installation of new walls.
3. At the time measurements took place, there were no interior furnishings
4. Measurement error is possible no more than 30milimeters
5. All heights are from current floor level.

Scale: 1:50
Size: A3
Date: 12.28.2019

Project:	Bachelor	Workgroup:	US Operations	Drawing:	Apartment blueprint
		Client:	N/A		
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Room explication:

1. Hall	4,5m ²
2. Hallway	11,2m ²
3. Office space	19,3m ²
4. Bedroom	19,44m ²
5. Bathroom	4,77m ²
6. Laundry	2,0m ²
7. Living room	16,1m ²
8. Kitchen	20,0m ²
9. Closet	2,2m ²
10. Shower	3,44m ²

Estimated area of the apartment = 102.09m2

*Exact area will be calculated after the construction is completed!

*All areas are calculated without taking into consideration fine finish



Chart key:

- Outside walls (concrete)
- Interior walls (drywall)
- Planned walls (drywall/wood)

NOTE:

1. The area of the apartment is calculated without taking into account the interior walls.

2. All measurements must specify after demolition and installation of new walls.

3. At the time measurements took place, there were no interior furnishings

4. Measurement error is possible no more than 30milimeters

5. All heights are from current floor level.

Scale: 1:50

Size: A3

Date: 12.28.2019

Project:	Bachelor	Workgroup:	US Operations	Drawing:	Furniture chart
				VISTA Design & Architecture.	
Client:		N/A		page 9/27	

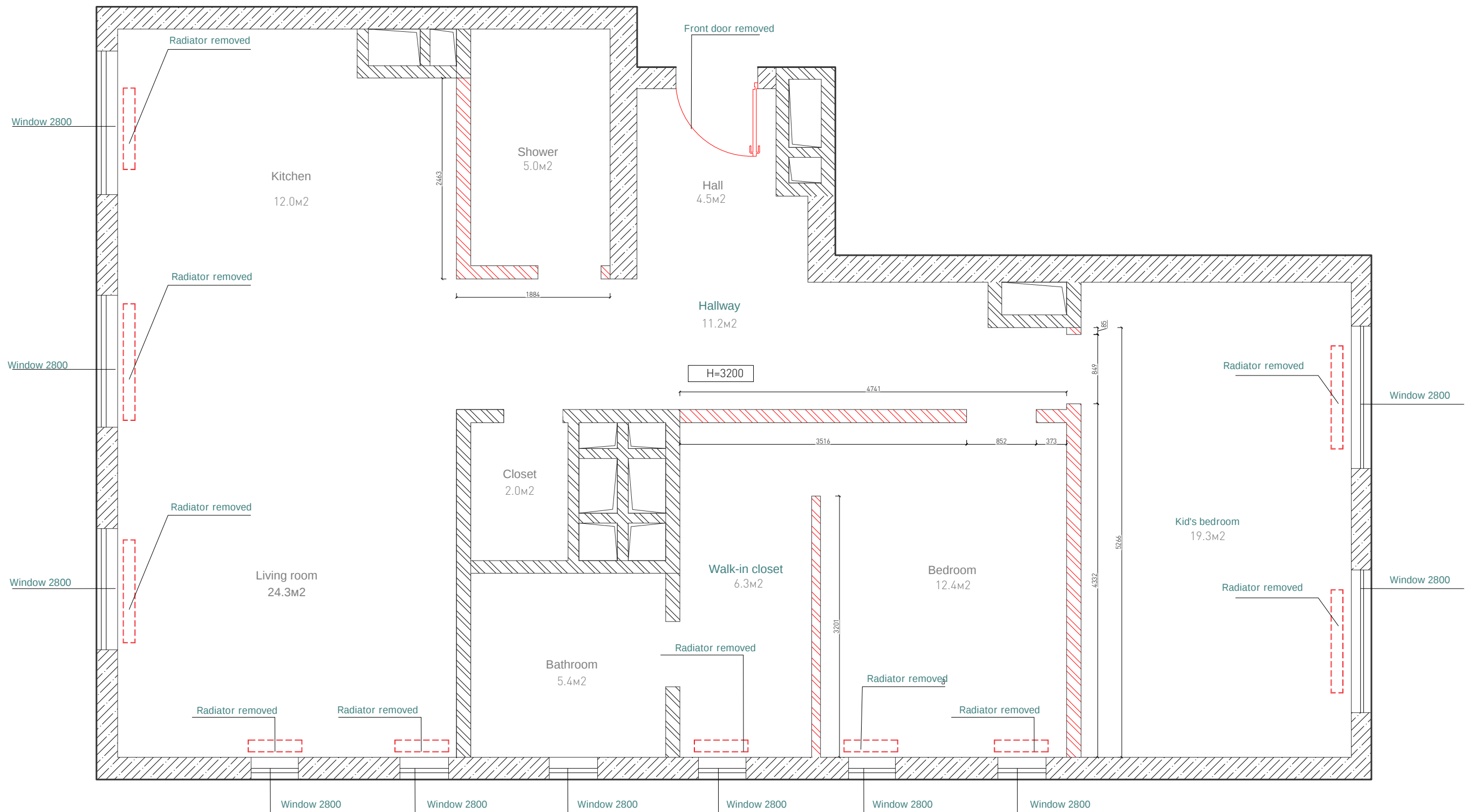


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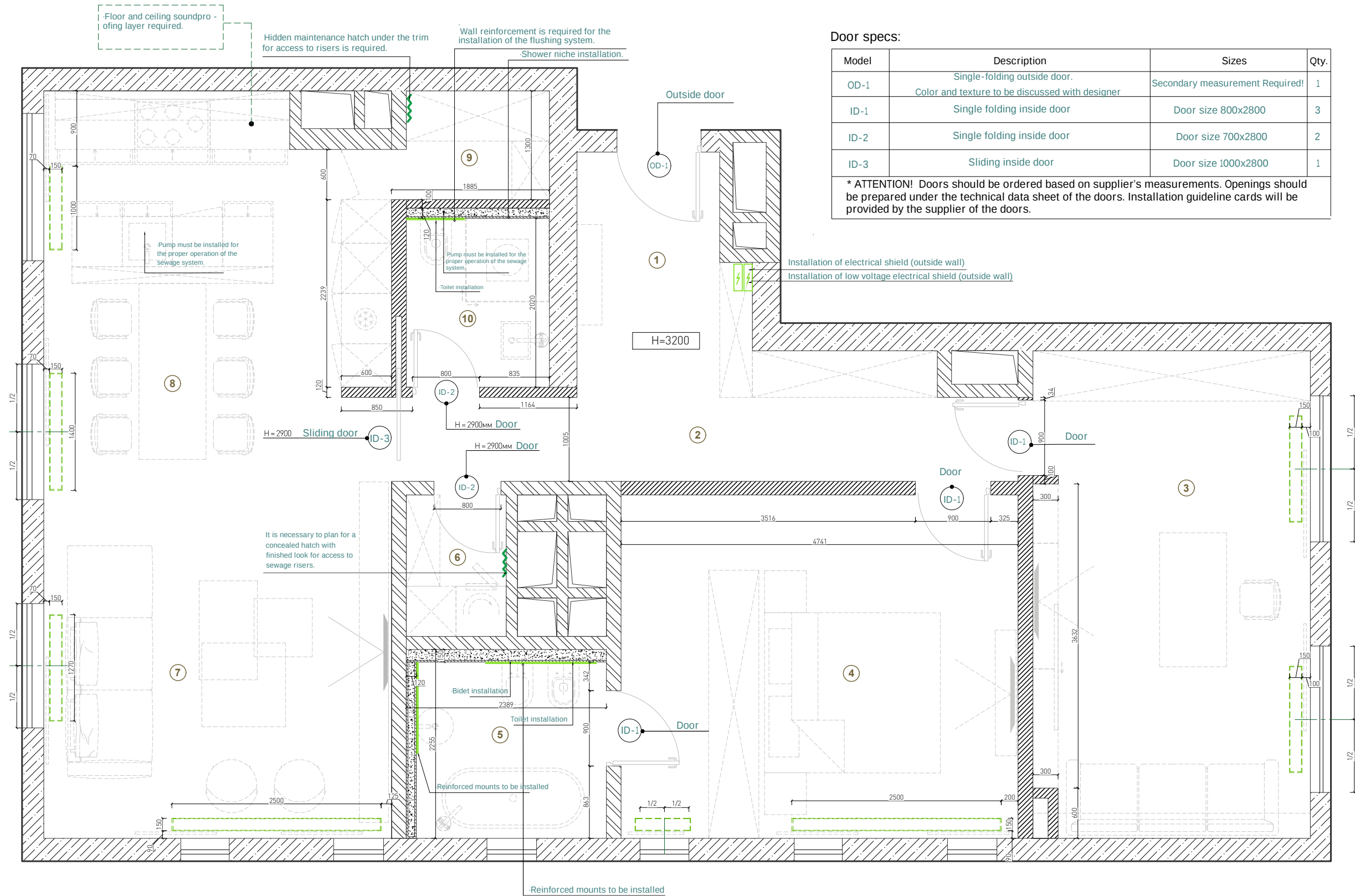
- Outside walls (concrete)
- Interior walls (drywall)
- Walls to be removed (bricks)

NOTE:

1. The area of the apartment is calculated without taking into account the interior walls.
2. All measurements must specify after demolition and installation of new walls.
3. At the time measurements took place, there were no interior furnishings
4. Measurement error is possible no more than 30milimeters
5. All heights are from current floor level.

Scale: 1:50
Size: A3
Date: 12.28.2019

Project:	Bachelor	Workgroup:	US Operations	Drawing: Demolition chart	
					
		Client:	N/A	page 10/27	



Door specs:

Model	Description	Sizes	Qty.
OD-1	Single-folding outside door. Color and texture to be discussed with designer	Secondary measurement Required!	1
ID-1	Single folding inside door	Door size 800x2800	3
ID-2	Single folding inside door	Door size 700x2800	2
ID-3	Sliding inside door	Door size 1000x2800	1

* ATTENTION! Doors should be ordered based on supplier's measurements. Openings should be prepared under the technical data sheet of the doors. Installation guideline cards will be provided by the supplier of the doors.

Room explication:

1. Hall	4,5m ²
2. Hallway	11,2m ²
3. Office space	19,3m ²
4. Bedroom	19,44m ²
5. Bathroom	4,77m ²
6. Laundry	2,0m ²
7. Living room	16,1m ²
8. Kitchen	20,0m ²
9. Closet	2,2m ²
10. Shower	3,44m ²

Estimated area of the apartment = 102.09m2

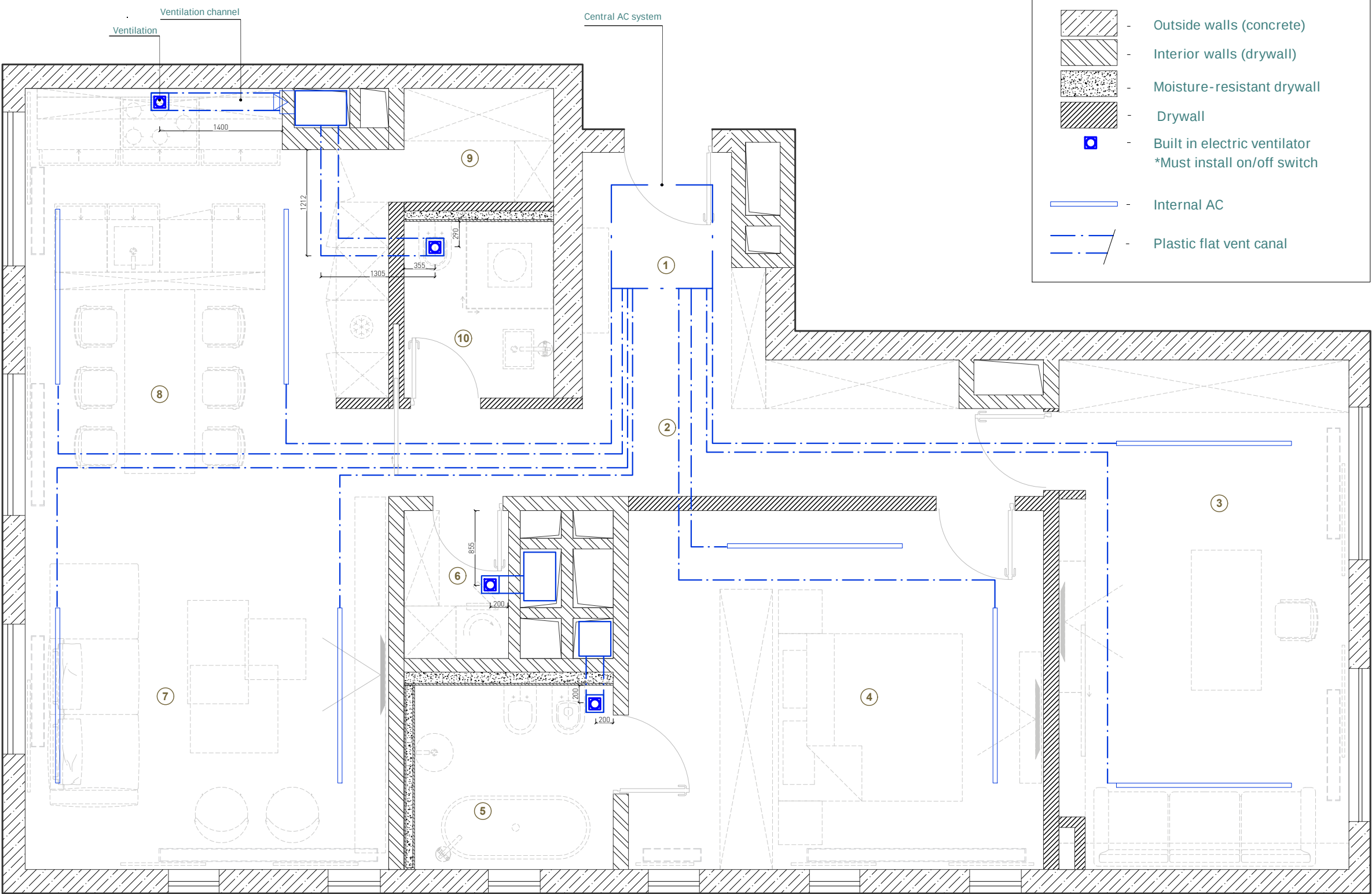
*Exact area will be calculated after the construction is completed!
*All areas are calculated without taking into consideration fine finish

NOTE:

1. Current chart is not final.
2. All measurements must be taken after walls are installed.
3. Shower tray must be custom built during construction. Tray level will be determined during construction and must be approved by designer.
4. Size and capacity of radiators must be calculated by heating specialists! Heating capacity must be calculated perfectly to accommodate the whole area of the apartment.
5. All heights are based on current floor level.
6. Measurement error margin no more than 10 millimeters.
7. Current plan layout requires prior approval before beginning construction work. It must comply with current building codes and regulations. All deviations from the building code norms are subject to review and approval by the building department. Responsibility for failure to follow building codes lies on the client, who must be informed of any possible issues prior to the start of the construction.

Scale: 1:50
Size: A3
Date: 12.28.2019

Project:	Bachelor	Workgroup:	US Operations	Drawing:	Hardware installation chart
Client:	N/A				



Room explication:	
1. Hall	4,5m ²
2. Hallway	11,2m ²
3. Office space	19,3m ²
4. Bedroom	19,44m ²
5. Bathroom	4,77m ²
6. Laundry	2,0m ²
7. Living room	16,1m ²
8. Kitchen	20,0m ²
9. Closet	2,2m ²
10. Shower	3,44m ²

Estimated area of the apartment = 102.09m²

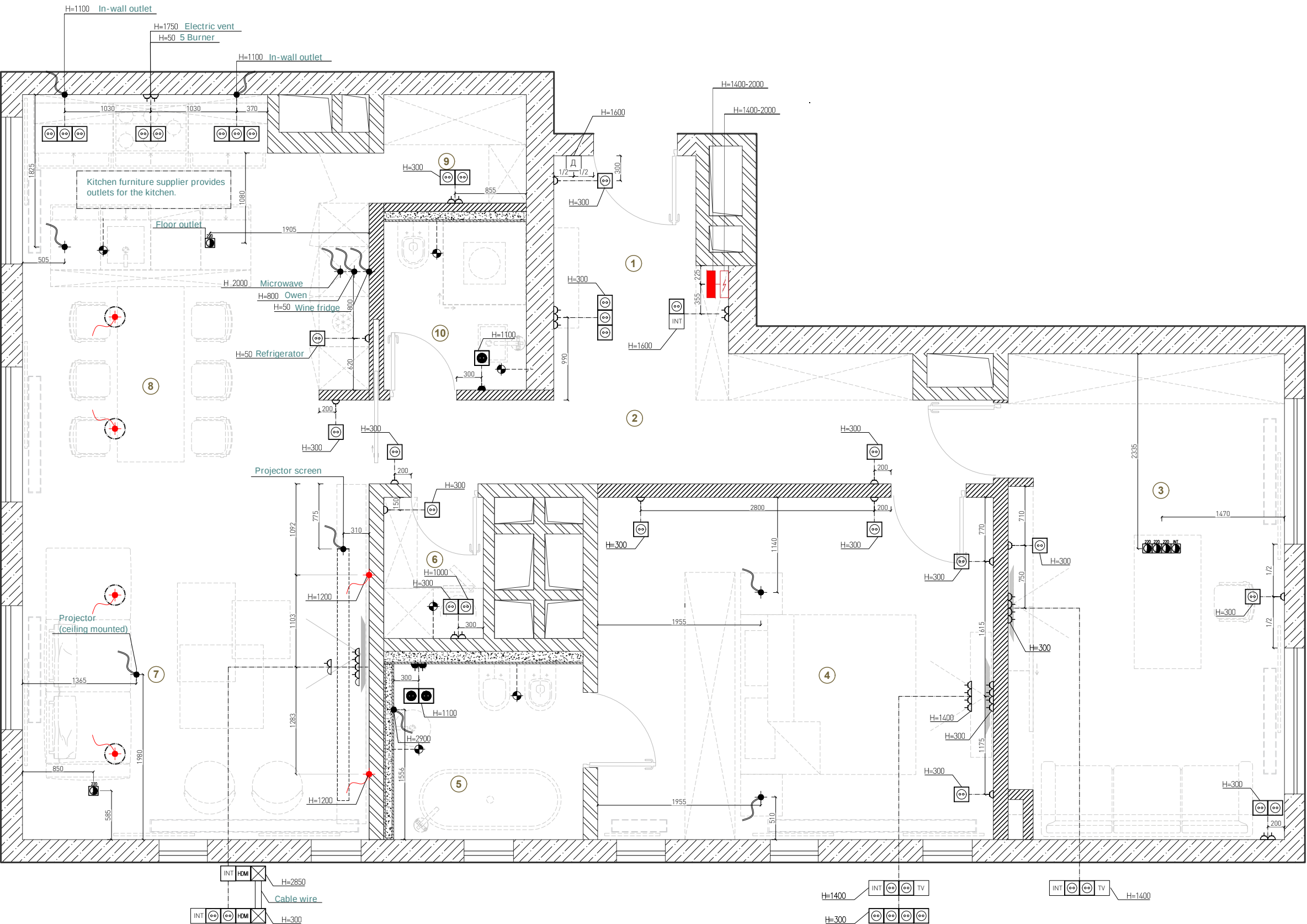
*Exact area will be calculated after the construction is completed!
*All areas are calculated without taking into consideration fine finish

NOTE:

1. Current plan is not final finish.
2. All measurements must be taken after installation of walls.
3. Show tray must be custom built during construction. Tray level is determined during construction and must be approved by designer.
4. Size and capacity of radiators must be calculated by heating specialists! Heating capacity must be calculated perfectly to accommodate the whole area of the apartment.
5. All heights are from current floor level.
6. Current plan should be used along with the plan for installing light fixtures.
7. Current plan is based on theoretical knowledge. Onsite issues may occur. Please advise with professionals prior to installation.

Scale: 1:50
Size: A3
Date: 12.28.2019

Project: Bachelor	Workgroup: US Operations	Drawing: Ventilation & AC chart	
		Client: N/A	



Room explication:	
1. Hall	4,5m ²
2. Hallway	11,2m ²
3. Office space	19,3m ²
4. Bedroom	19,44m ²
5. Bathroom	4,77m ²
6. Laundry	2,0m ²
7. Living room	16,1m ²
8. Kitchen	20,0m ²
9. Closet	2,2m ²
10. Shower	3,44m ²

Estimated area of the apartment = 102.09m2

*Exact area will be calculated after the construction is completed!
*All areas are calculated without taking into consideration fine finish

Chart Key:

- TV outlet (5x)

- Network outlet (5x)

- Outlet (32x)

- Moisture-resistant outlet (3x) HDMI

- outlets (2x)

- Cable out (2x)

- Floor cap for network outlets (1x) Floor cap for regular outlets (5x)

- Doorbell camera (1x)

- Electrical wire out (10x)

- Speaker cables (ceiling) (6x)

- Sound speaker (4x)

- Electric shield box (wall-mounted) (1x)

- Utilities shield box (wall-mounted) (1x)

- Leakage sensor cable (6x)

*Current charts are not based on a particular type of equipment. Details must be discussed with the client. Electrical wiring must be confirmed with the supplier of a particular type of equipment. Wiring charts should only be used for the calculation of potential power consumption.

NOTE:

1. All heights are from current floor level.
2. All wiring must be laid through with extra 1 meter of cable left over
3. All zones with electrical outlets require additional adjustments after all furniture, lighting, and electrical equipment is finalized.
4. Socket layouts are all to be centered and adjusted upon completion.
5. All measurements are based on the finished walls.

Scale: 1:50

Size: A3

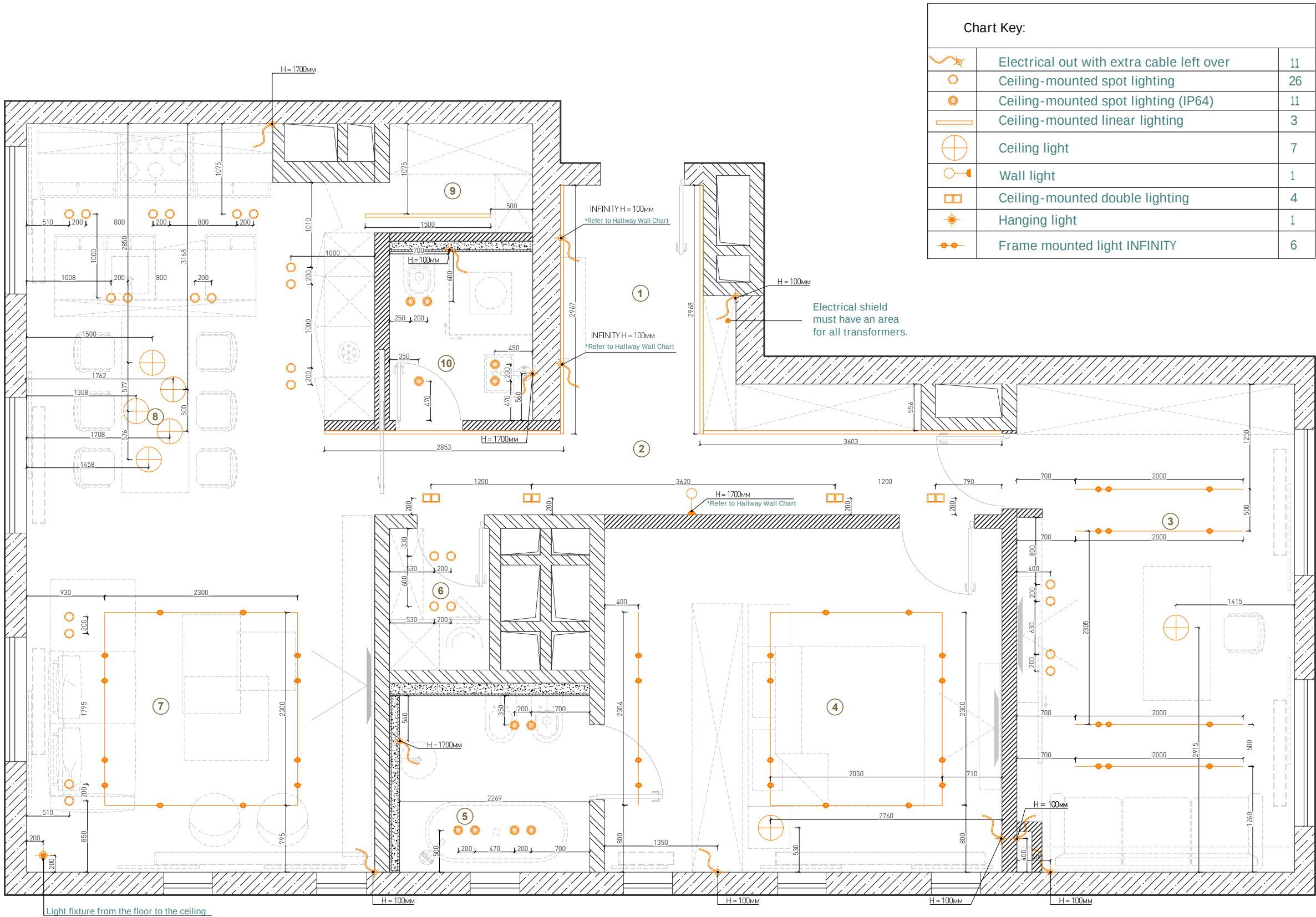
Date: 12.28.2019

Project:	Bachelor	Workgroup:	US Operations	Drawing:	Electrical chart
				 page 13/27	
		Client:	N/A		

Room explication:		
1. Hall	4,5m ²	
2. Hallway	11,2m ²	
3. Office space	19,3m ²	
4. Bedroom	19,44m ²	
5. Bathroom	4,77m ²	
6. Laundry	2,0m ²	
7. Living room	16,1m ²	
8. Kitchen	20,0m ²	
9. Closet	2,2m ²	
10. Shower	3,44m ²	

Estimated area of the apartment = 102.09m2

*Exact area will be calculated after the construction is completed!
*All areas are calculated without taking into consideration fine finish



NOTE:

1. All heights are from current floor level.
2. All measurements must be confirmed after the new internal walls are up.
3. At the time measurements were conducted, furnishings were not completed.
4. Area of the apartment was calculated prior to finishing the internal wall.
5. This chart to be viewed along with Ventilation chart and Electrical outlets chart.

Scale: 1:50
Size: A3
Date: 12.28.2019

Project:	Bachelor	Workgroup:	US Operations	Drawing: Light fixtures chart	
				 page 14/27	
		Client:	N/A		

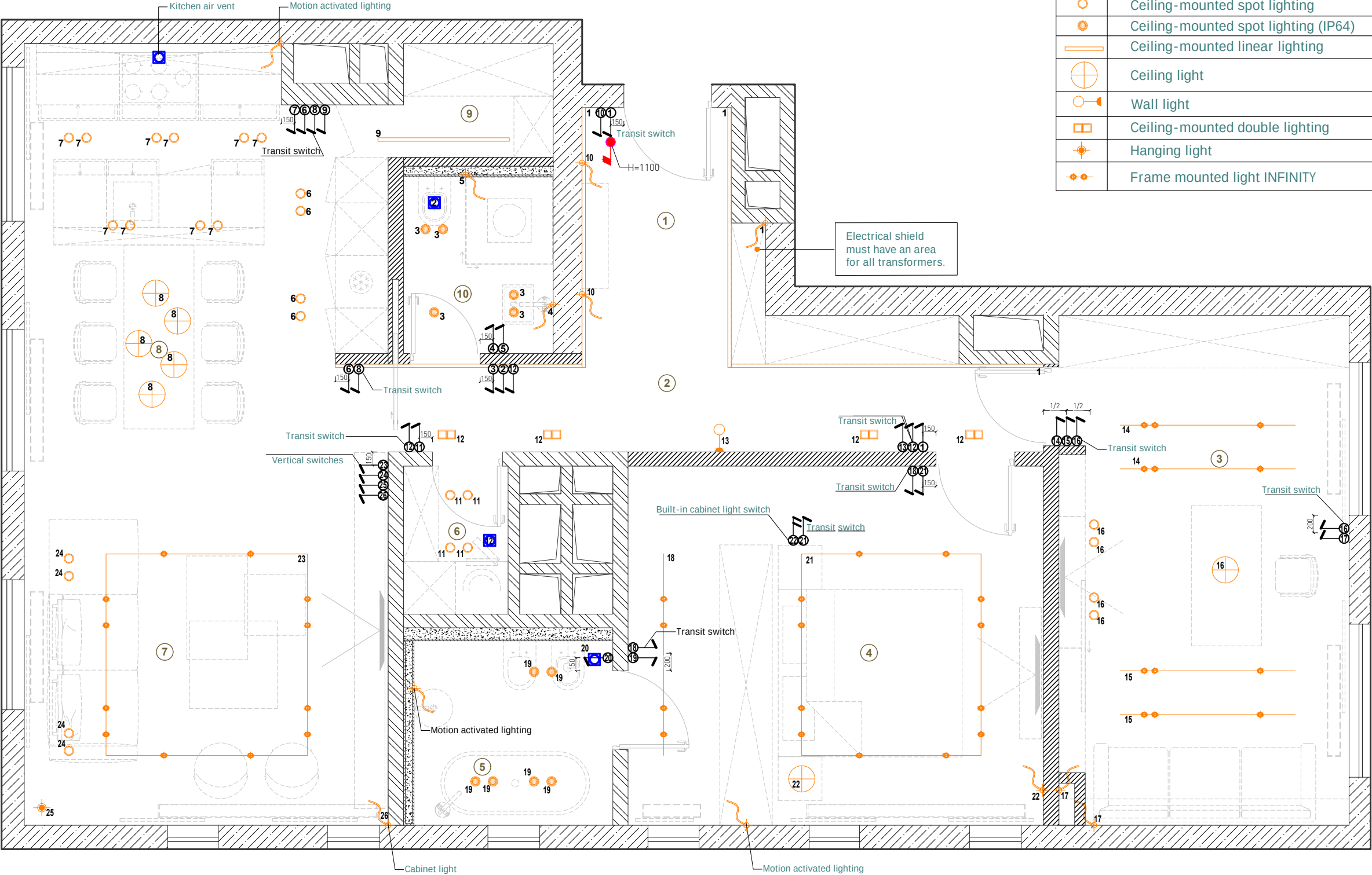


Chart Key:		
	Electrical out with extra cable left over	11
	Ceiling-mounted spot lighting	26
	Ceiling-mounted spot lighting (IP64)	11
	Ceiling-mounted linear lighting	3
	Ceiling light	7
	Wall light	1
	Ceiling-mounted double lighting	4
	Hanging light	1
	Frame mounted light INFINITY	6

Room explication:	
1. Hall	4,5m ²
2. Hallway	11,2m ²
3. Office space	19,3m ²
4. Bedroom	19,44m ²
5. Bathroom	4,77m ²
6. Laundry	2,0m ²
7. Living room	16,1m ²
8. Kitchen	20,0m ²
9. Closet	2,2m ²
10. Shower	3,44m ²

Estimated area of the apartment = 102.09m²

*Exact area will be calculated after the construction is completed!
*All areas are calculated without taking into consideration fine finish

Switch Specs:		
	Double switch	1
	Single switch	33
	Dimmer	-
	MASTER OFF switch	1
2	Lighting fixtures connected to a single switch	-
	Vent	1

NOTE:

1. All heights are from current floor level.
2. All measurements must be confirmed after the new internal walls are up.
3. At the time measurements were conducted, furnishings were not completed.
4. Area of the apartment was calculated prior to finishing the internal wall.
5. This chart to be viewed along with Ventilation chart and Electrical outlets chart.

Scale: 1:50
Size: A3
Date: 12.28.2019

Project:	Bachelor	Workgroup:	US Operations	Drawing:	Light switches chart
		Client:	N/A		
				page 15/27	

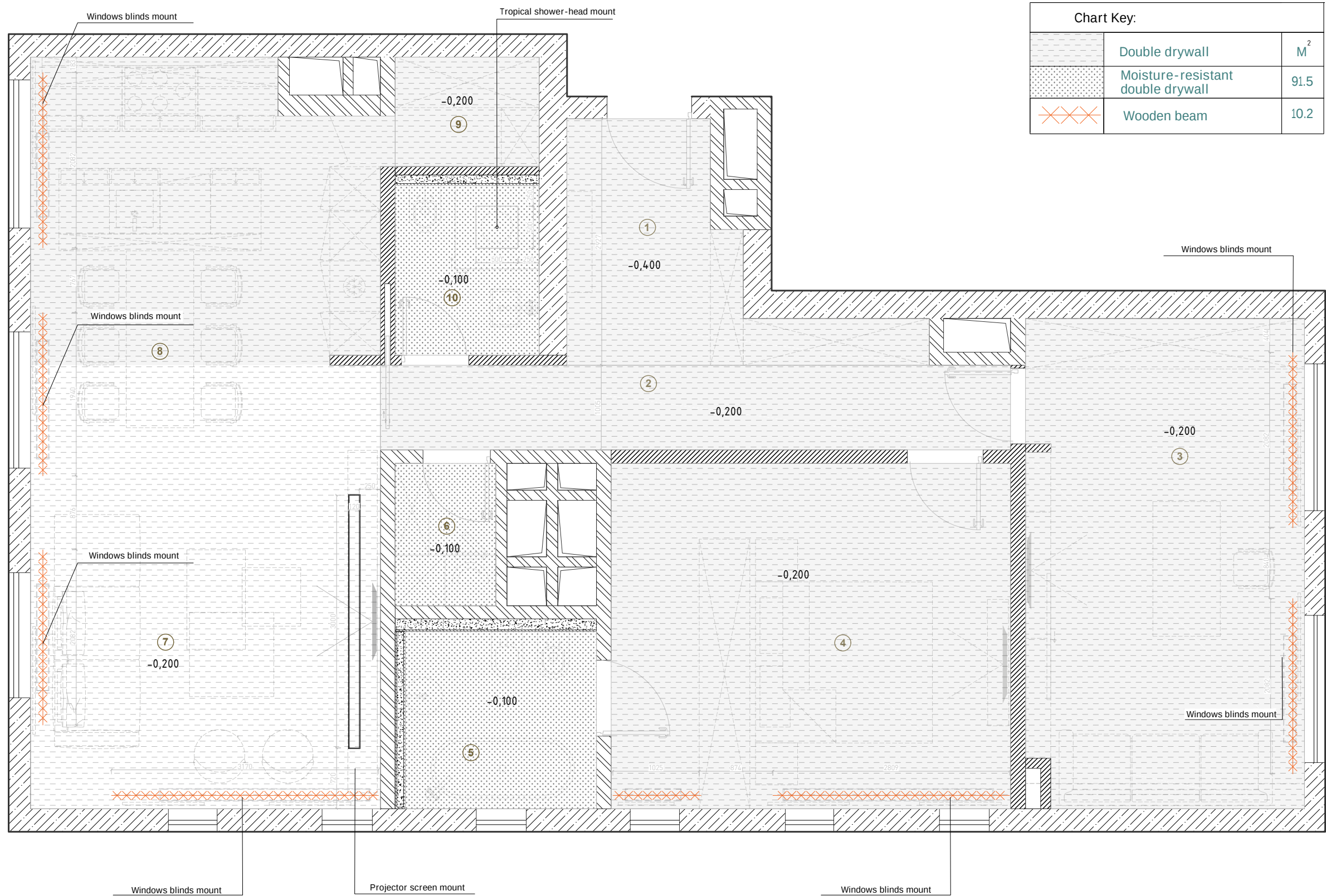


Chart Key:		
	Double drywall	M ²
	Moisture-resistant double drywall	91.5
	Wooden beam	10.2

Room explication:	
1. Hall	4,5m ²
2. Hallway	11,2m ²
3. Office space	19,3m ²
4. Bedroom	19,44m ²
5. Bathroom	4,77m ²
6. Laundry	2,0m ²
7. Living room	16,1m ²
8. Kitchen	20,0m ²
9. Closet	2,2m ²
10. Shower	3,44m ²

Estimated area of the apartment = 102.09m²

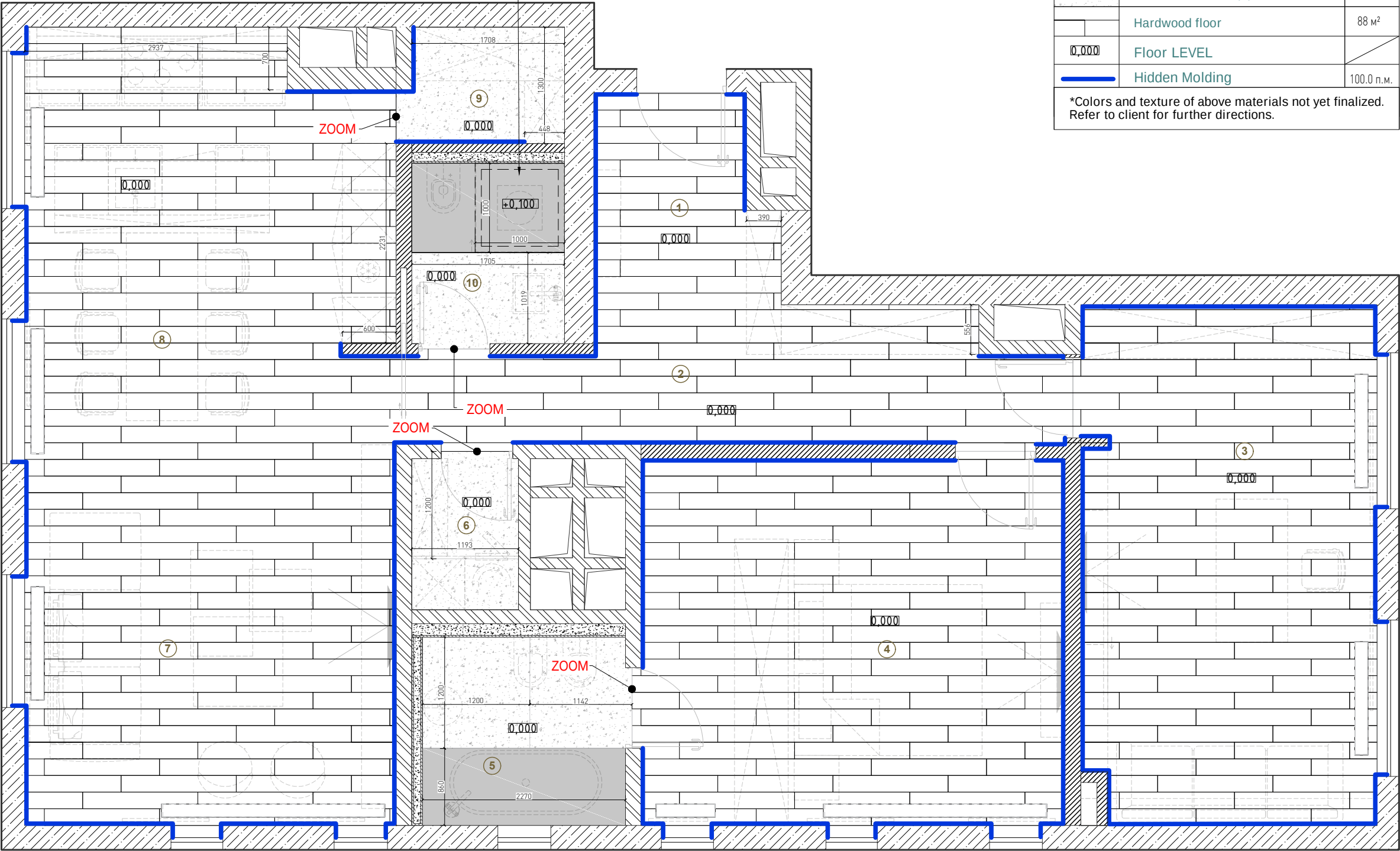
*Exact area will be calculated after the construction is completed!
*All areas are calculated without taking into consideration fine finish

NOTE:

1. All heights are from current floor level.
2. All measurements must be confirmed after the internal wall are finished
3. At the time measurements were conducted, furnishings were not completed
4. Area of the apartment was calculated prior to finishing the internal wall.
5. This chart to be viewed along with Ventilation chart and Electrical outlets chart

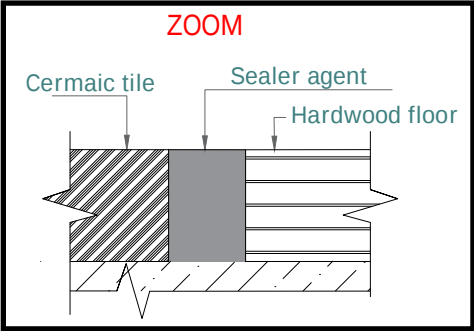
Scale: 1:50
Size: A3
Date: 12.28.2019

Project: Bachelor	Workgroup: US Operations	Drawing: Ceilings chart	
		Client: N/A	



Floor material used:		
Symbol	Type	Area
	Ceramic floor tile (A)	3,7 m ²
	Ceramic floor tile (B)	9,0 m ²
	Hardwood floor	88 m ²
	Floor LEVEL	
	Hidden Molding	100.0 n.m.
*Colors and texture of above materials not yet finalized. Refer to client for further directions.		

Room explication:	
1. Hall	4,5m ²
2. Hallway	11,2m ²
3. Office space	19,3m ²
4. Bedroom	19,44m ²
5. Bathroom	4,77m ²
6. Laundry	2,0m ²
7. Living room	16,1m ²
8. Kitchen	20,0m ²
9. Closet	2,2m ²
10. Shower	3,44m ²
Estimated area of the apartment = 102.09m ²	
*Exact area will be calculated after the construction is completed!	
*All areas are calculated without taking into consideration fine finish	



NOTE
1. All bathrooms floors must include moisture isolation
2. All types off floors must be aligned

Scale: 1:50
Size: A3
Date: 12.28.2019

Project:	Bachelor	Workgroup:	US Operations	Drawing:	Floors chart
Client:	N/A				
					page 17/27

Room explication:

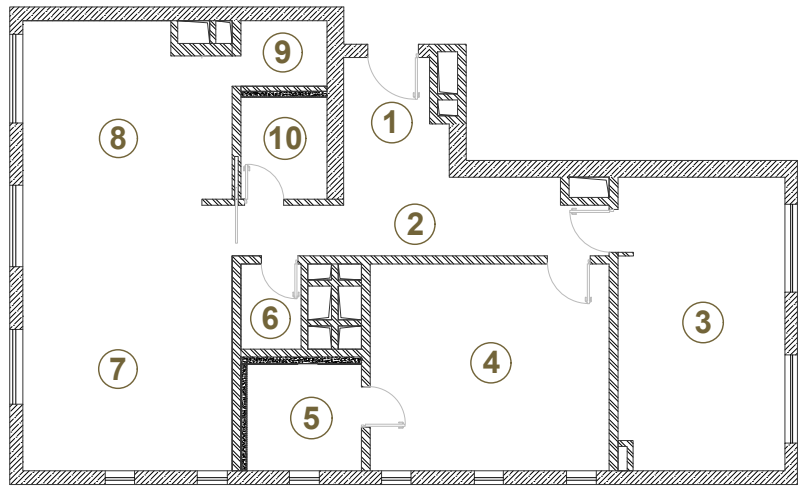
1. Hall	4,5m ²
2. Hallway	11,2m ²
3. Office space	19,3m ²
4. Bedroom	19,44m ²
5. Bathroom	4,77m ²
6. Laundry	2,0m ²
7. Living room	16,1m ²
8. Kitchen	20,0m ²
9. Closet	2,2m ²
10. Shower	3,44m ²

Estimated area of the apartment = 102.09m2

*Exact area will be calculated after the construction is completed!

*All areas are calculated without taking into consideration fine finish

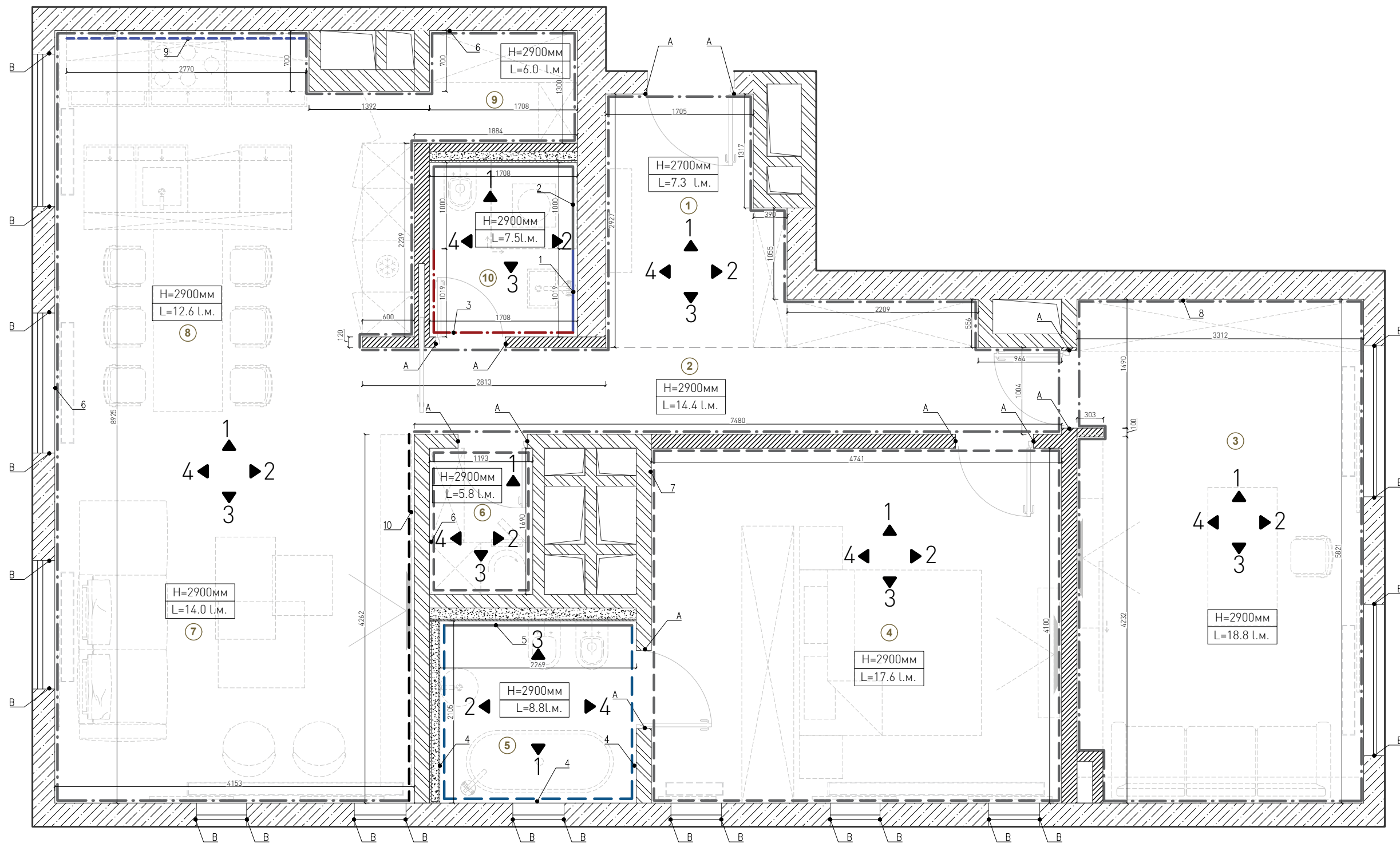
Type of the floor	Room		Breakdown
Hardwood floor (adhesive, plywood, soundproofing)	1	Hall	Hardwood
	2	Hallway	Plywood
	3	Office space	Adhesive
	4	Bedroom	Priming compound
			Mixture of 50% dried concrete
	7	Living room	Soundproofing
			Priming compund
	8	Kitshcen	Original concrete
	9	Closet	(base layer)
Ceramic tile (Heated floor, sound and Moisture proofing)	5	Bathroom	Ceramic tiles (with particles of granite)
			Priming compund (deep penetration)
	6	Laundry	Self-leveling mixture (5-10mm)
			Heated floor system (electrical)
	10	Shower	Priming compound
			Mixture of 50% dried cement
			Soundproofing
			Priming compound
			Original concrete (base layer)



NOTE

1. Current chart should be viewed along with "Floors chart"

Scale: 1:50
Size: A3
Date: 12.28.2019



Room explication:	
1. Hall	4,5m ²
2. Hallway	11,2m ²
3. Office space	19,3m ²
4. Bedroom	19,44m ²
5. Bathroom	4,77m ²
6. Laundry	2,0m ²
7. Living room	16,1m ²
8. Kitchen	20,0m ²
9. Closet	2,2m ²
10. Shower	3,44m ²

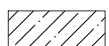
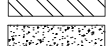
Estimated area of the apartment = 102.09m²

*Exact area will be calculated after the construction is completed!
*All areas are calculated without taking into consideration fine finish

Finishing chart:

	Description / Color	Qty. in m ²
1	Mirror	3.0
2	NERO MARQUINA SI.ST.NPB.LC	10.44
3	MARBLE GREY SC.PS.CP.NT	5.5
4	Punta Molar	14.3
5	METAL DL.OS.BR.NT	6.4
6	LittlegreeneRUSLING (9)	31.1
7	Littlegreene (walls) BEAUVAIS LILAC (29)	50.2
8	Littlegreene (walls) BEAUVAIS LILAC (60)	12.3
9	MARBLE BROWN SL.IN.EMS.ST	1.7
10	CALACATTA SL.IN.COV.NT RU	12.0

Area inaccuracy gap =15%

-  - Outside walls (concrete)
-  - Interior walls (drywall)
-  - Moisture-resistant drywall
-  - Drywall
-  - Slope (plaster finish)
-  - Slope (platband finish)

NOTE:

- All heights are from current floor level.
- All measurements must be confirmed after the new internal walls are up.
- At the time measurements were conducted, furnishings were not completed.
- Area of the apartment was calculated prior to finishing the internal wall.
- This chart to be viewed along with "Wall charts"
- Colors on the visuals of this Design Project are not accurate.
- All areas have marginal gap (additional measuring required)

Scale: 1:50
Size: A3
Date: 12.28.2019

Project: Bachelor

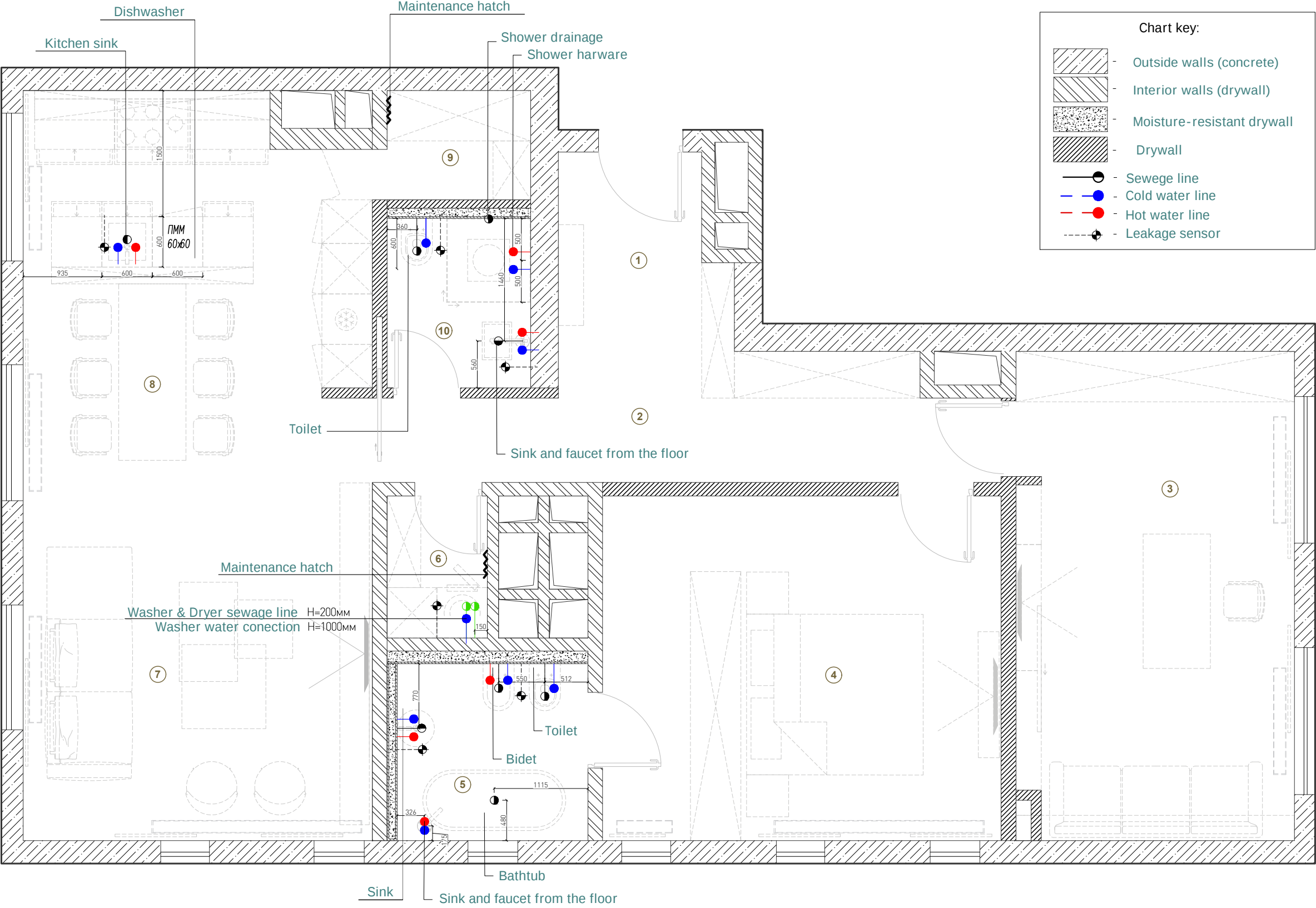
Workgroup: US Operations

Drawing: Wall decoration chart

Client: N/A



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Room explication:	
1. Hall	4,5m ²
2. Hallway	11,2m ²
3. Office space	19,3m ²
4. Bedroom	19,44m ²
5. Bathroom	4,77m ²
6. Laundry	2,0m ²
7. Living room	16,1m ²
8. Kitchen	20,0m ²
9. Closet	2,2m ²
10. Shower	3,44m ²

Estimated area of the apartment = 102.09m²

*Exact area will be calculated after the construction is completed!
*All areas are calculated without taking into consideration fine finish

NOTE:

1. All plumbing hardware must be installed in accordance with the manufacturer's instructions.
2. All areas have marginal gap (additional measuring required)
3. At the time measurements were conducted, furnishings were not completed. 4. Area of the apartment was calculated prior to finishing the internal wall.
4. Size of the maintenance hatch must comply with the size of the tile.
5. Level of the pipe valves must be configured based on the type of faucets or other plumbing hardware used. (For example wall mounted faucets must have valves raised higher on the wall than regular desktop faucets)

Scale: 1:50
Size: A3
Date: 12.28.2019

Project: Bachelor	Workgroup: US Operations	Drawing: Plumbing hardware chart	
		Client: N/A	



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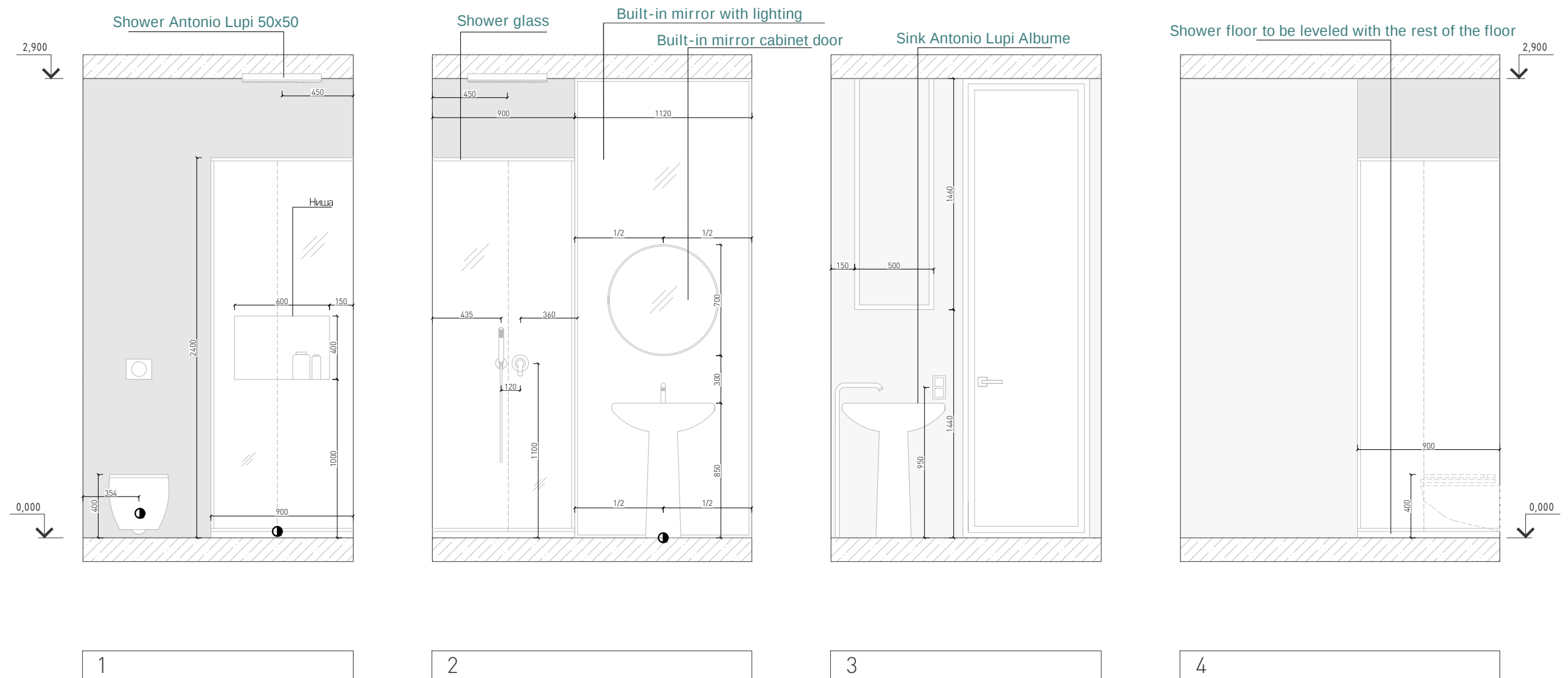


Chart key:		Area
	Ceramic wall tile 1200x3000 NERO MARQUINA SF.IC.MR.GL	7.5m ²
	Ceramic wall tile 1200x3000 MARBLE GREY SC.PS.CP.NT	7.2m ²

NOTE:

1. All measurements are based on the FINISHED walls.
2. Current chart to be viewed with corresponding wall numbers in "Wall decoration chart"
3. All measurements are without a margin.
4. All furniture and hardware installation must be done according to manufacturer's directions.

Scale: 1:50

Size: A3

Date: 12.28.2019

Project: Bachelor	Workgroup: US Operations	Drawing: Shower walls chart
Client: N/A		

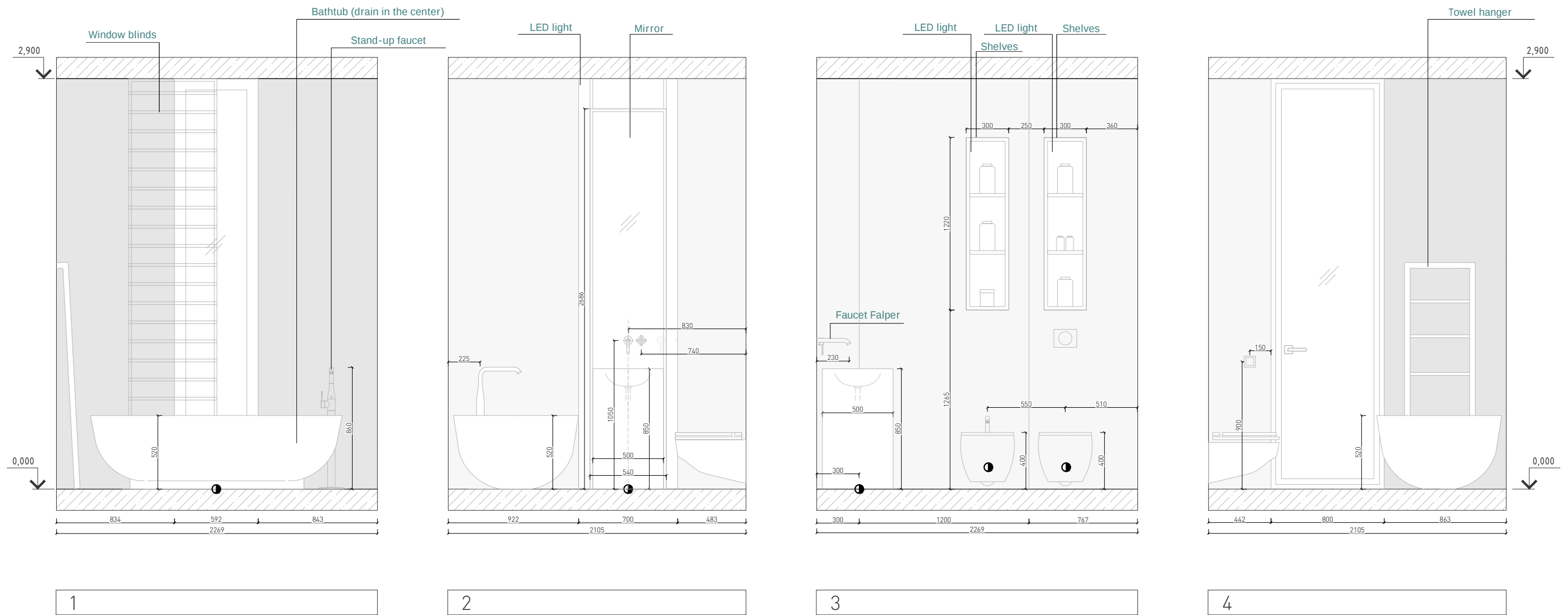
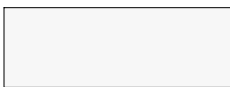


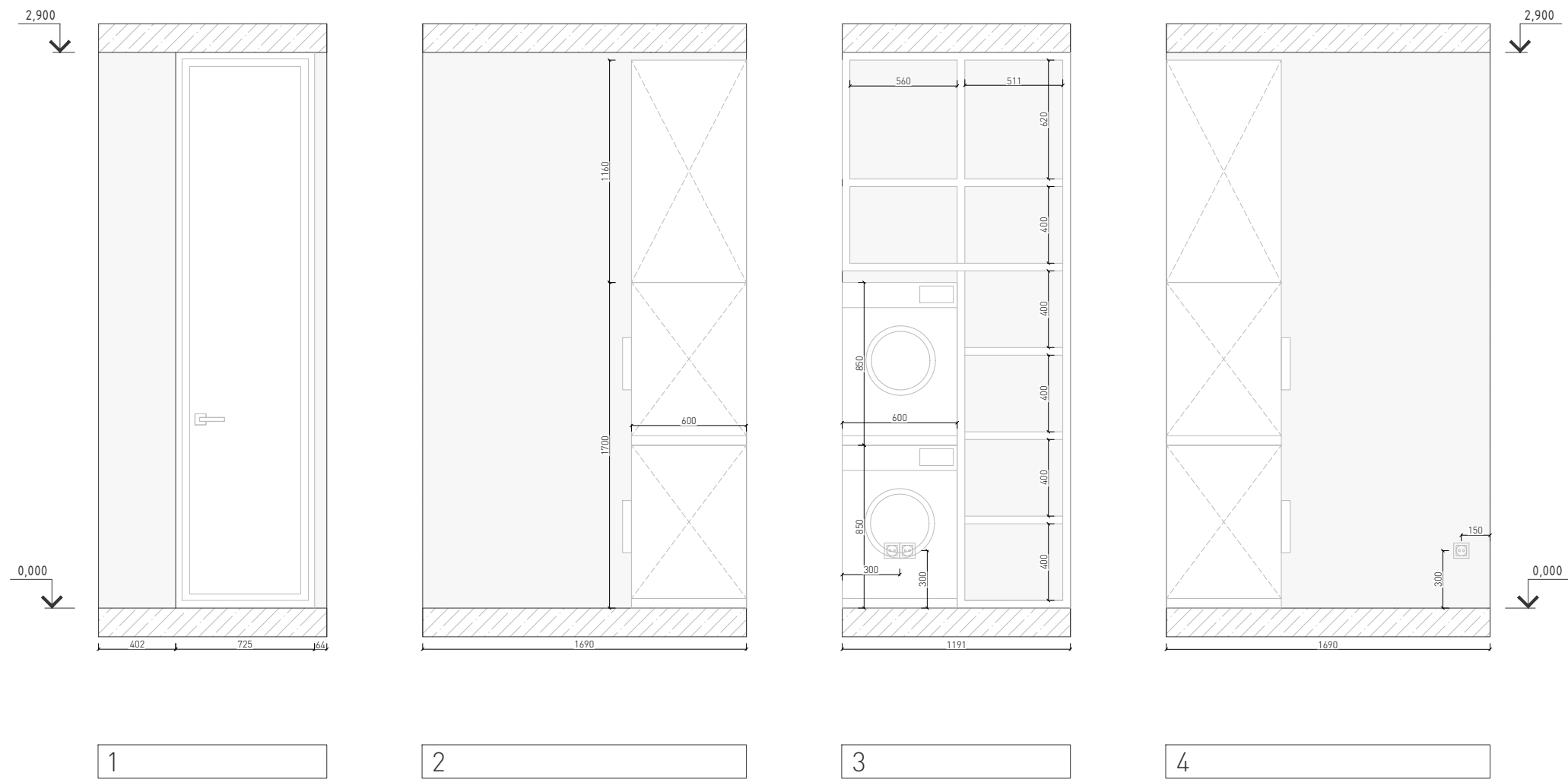
Chart key:		Area
	Ceramic wall tile 1200x3000 METAL DL.OS.BR.NT	6.1m2
	Ceramic wall tile 1200x3000 MARBLE GREY SF.TM.AG.MT	11.2m2

NOTE:

1. All measurements are based on the FINISHED walls.
2. Current chart to be viewed with corresponding wall numbers in "Wall decoration chart"
3. All measurements are without a margin.
4. All furniture and hardware installation must be done according to manufacturer's directions.

Scale: 1:50
Size: A3
Date: 12.28.2019

Project:	Bachelor	Workgroup:	US Operations	Drawing:	Bathroom walls chart
					
Client:	N/A				page 22/27

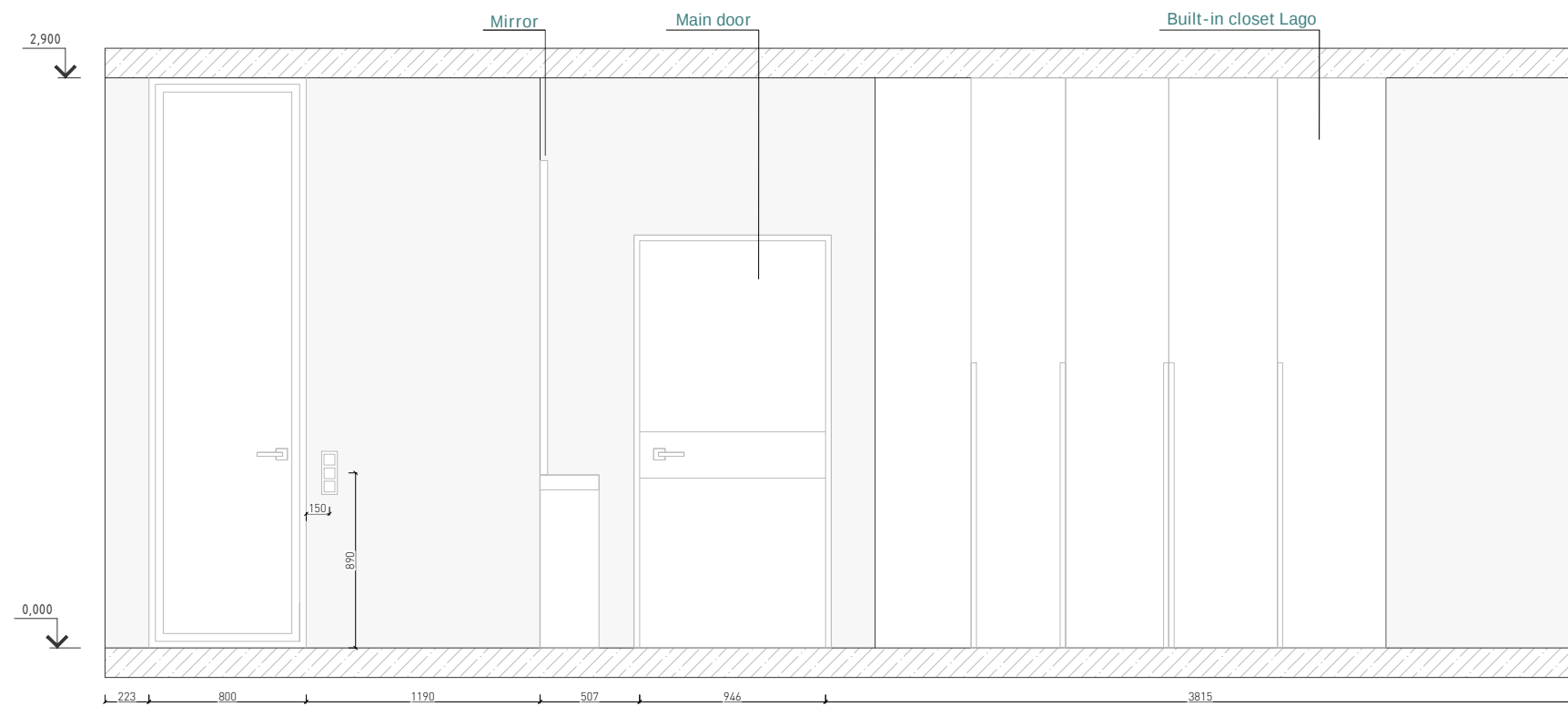


NOTE:

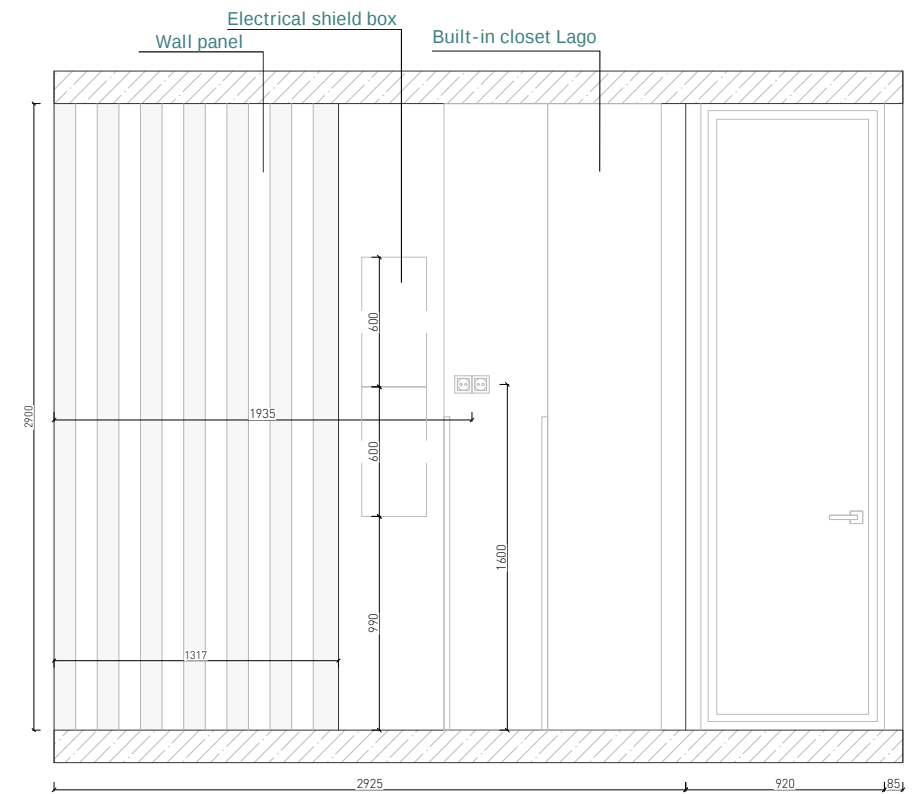
1. All measurements are based on the FINISHED walls.
2. Current chart to be viewed with corresponding wall numbers in "Wall decoration chart"
3. All measurements are without a margin.
4. All furniture and hardware installation must be done according to manufacturer's directions.

Scale: 1:50
Size: A3
Date: 12.28.2019

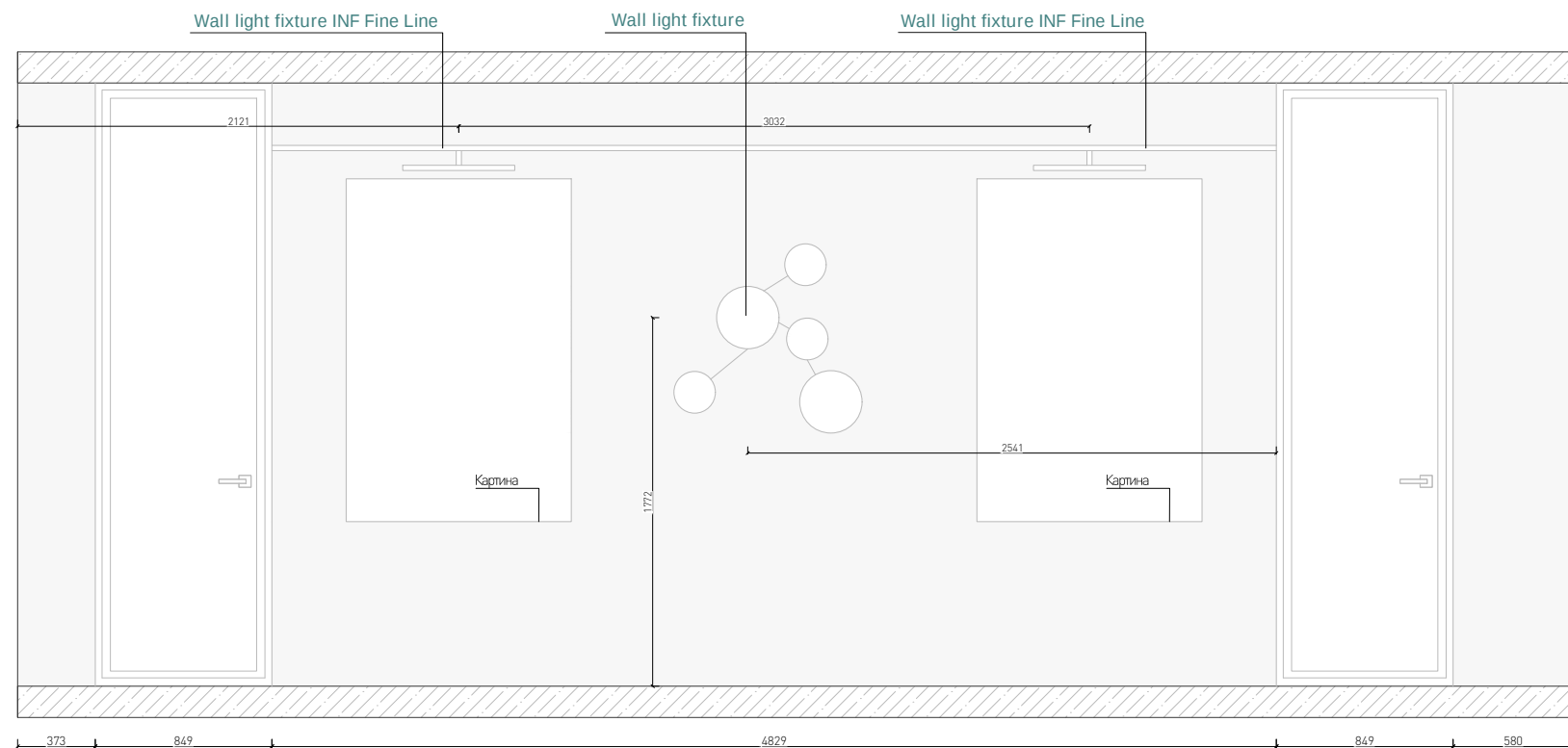
Project: Bachelor	Workgroup: US Operations	Drawing: Laundry wall chart
		Client: N/A



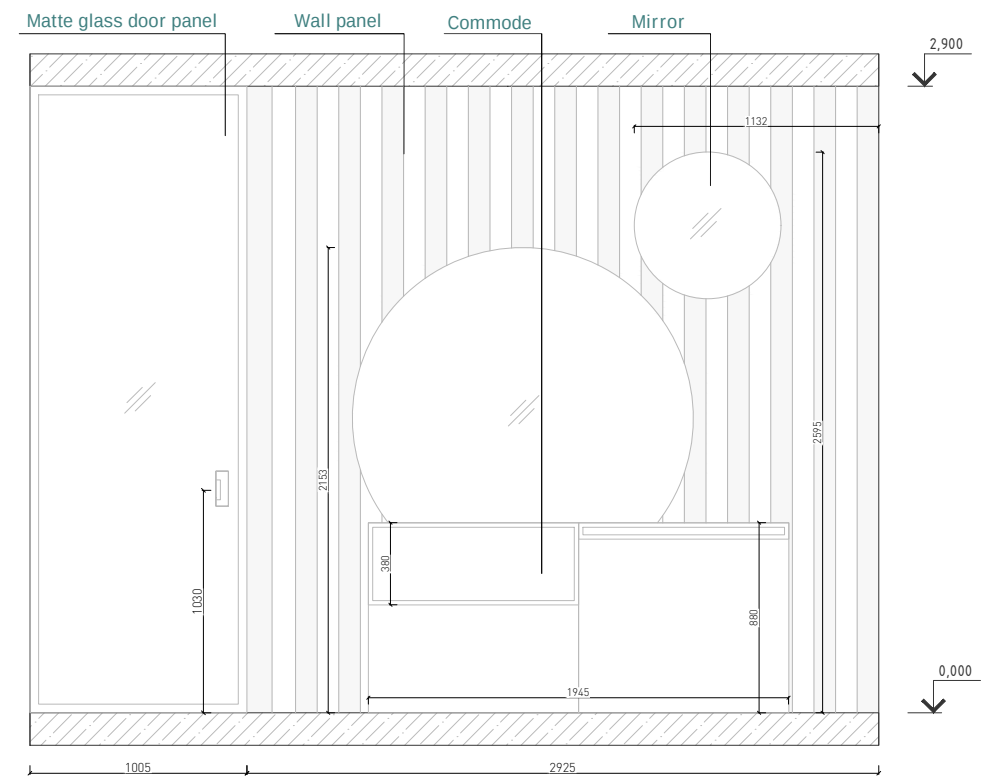
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2



3



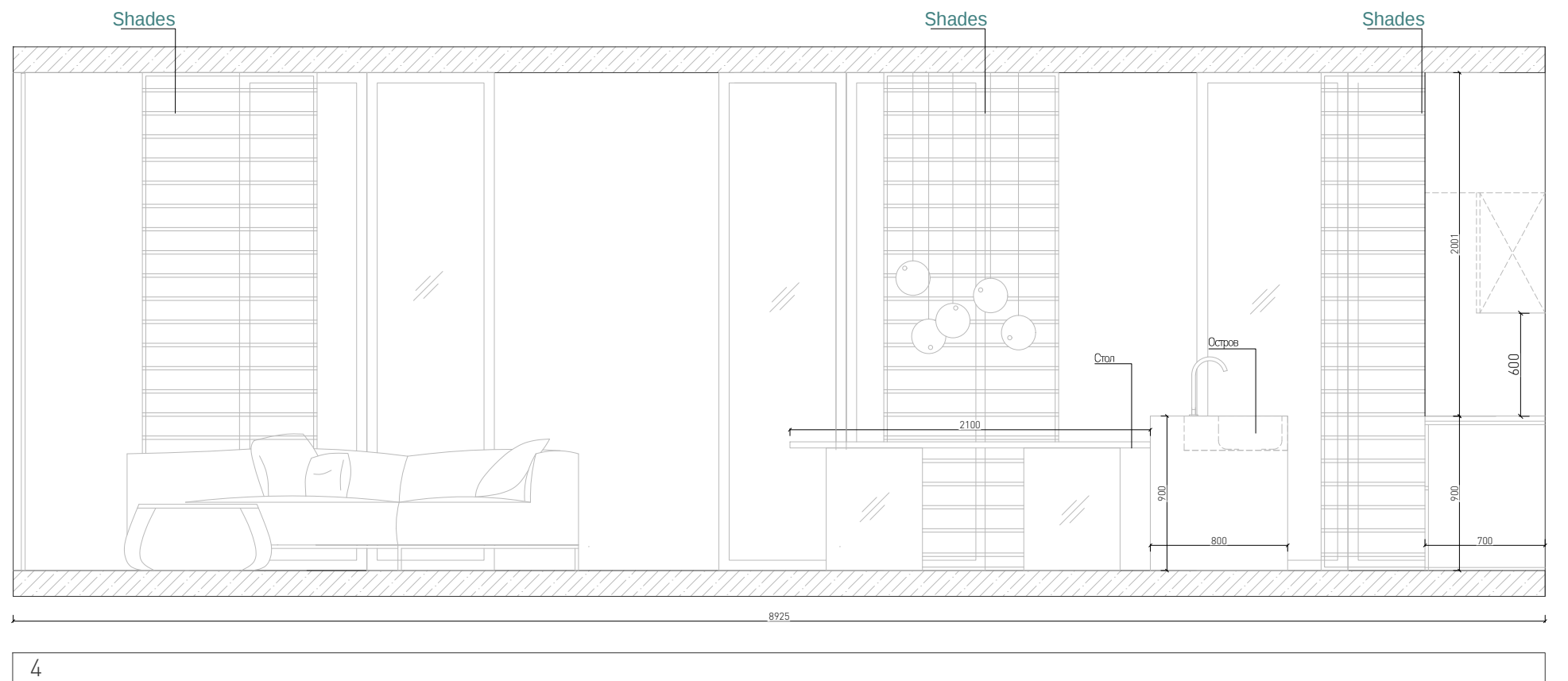
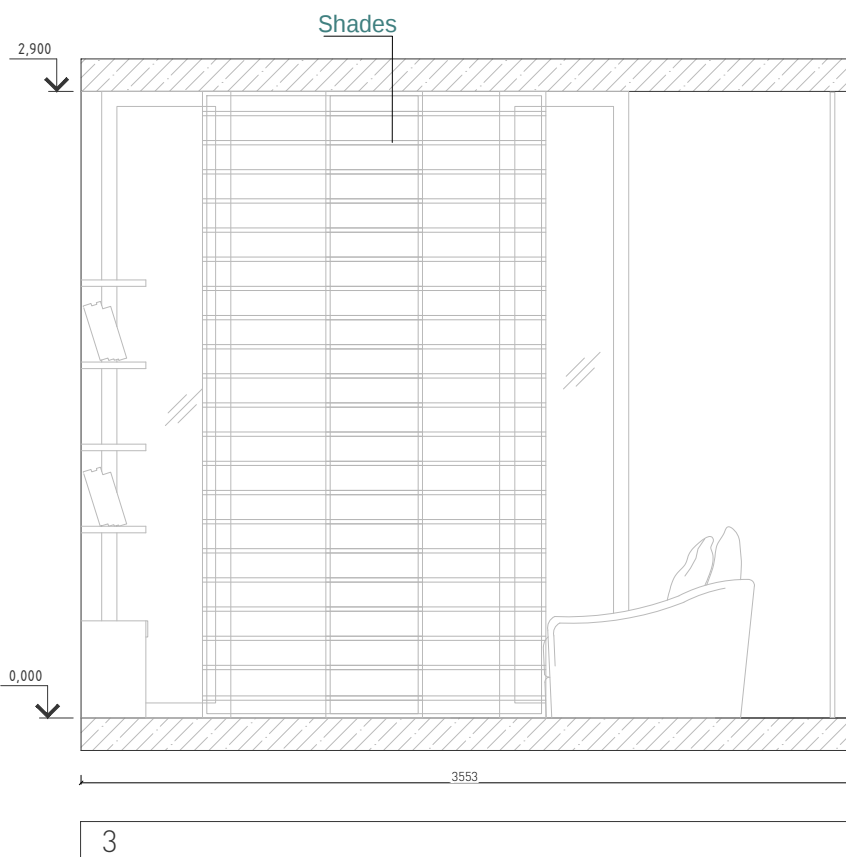
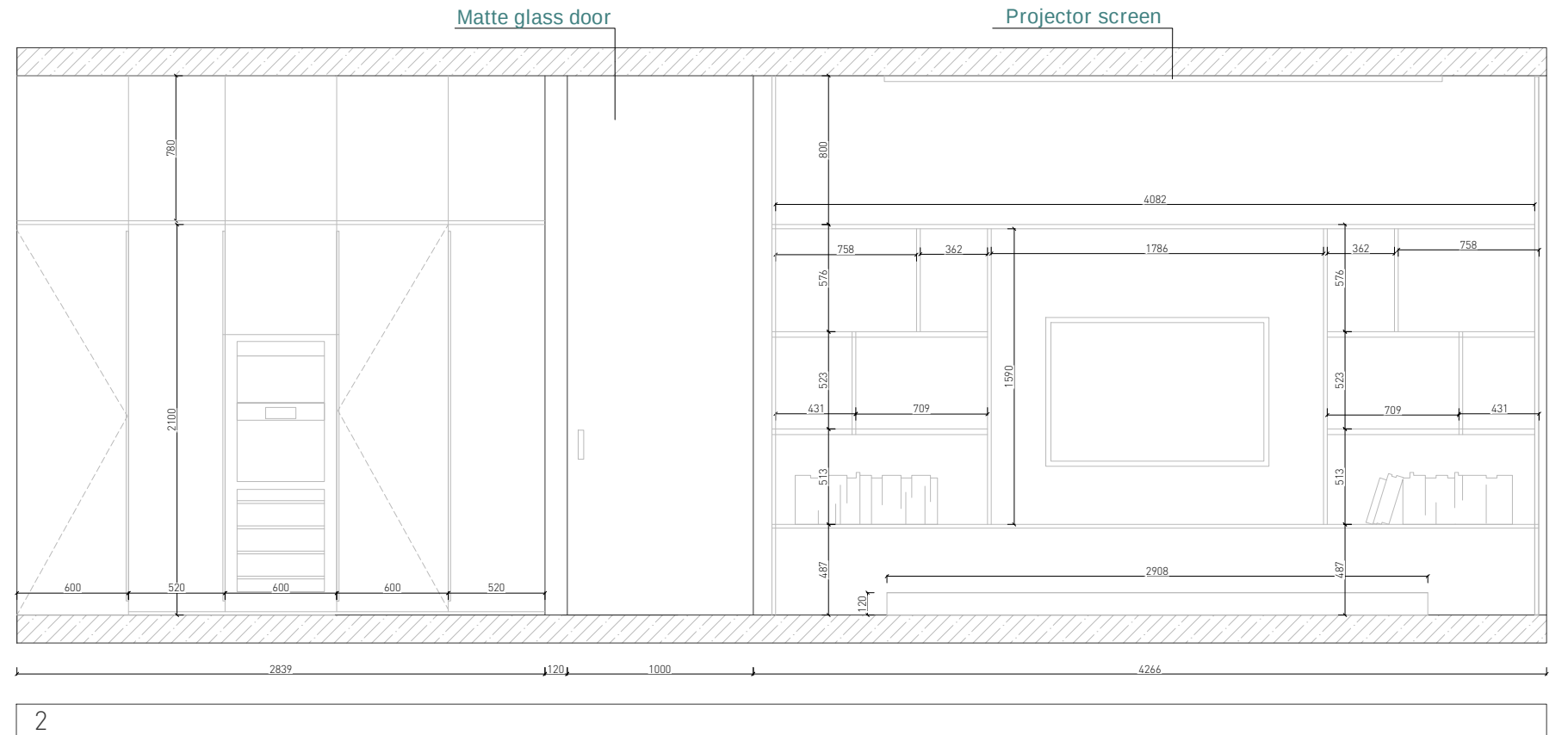
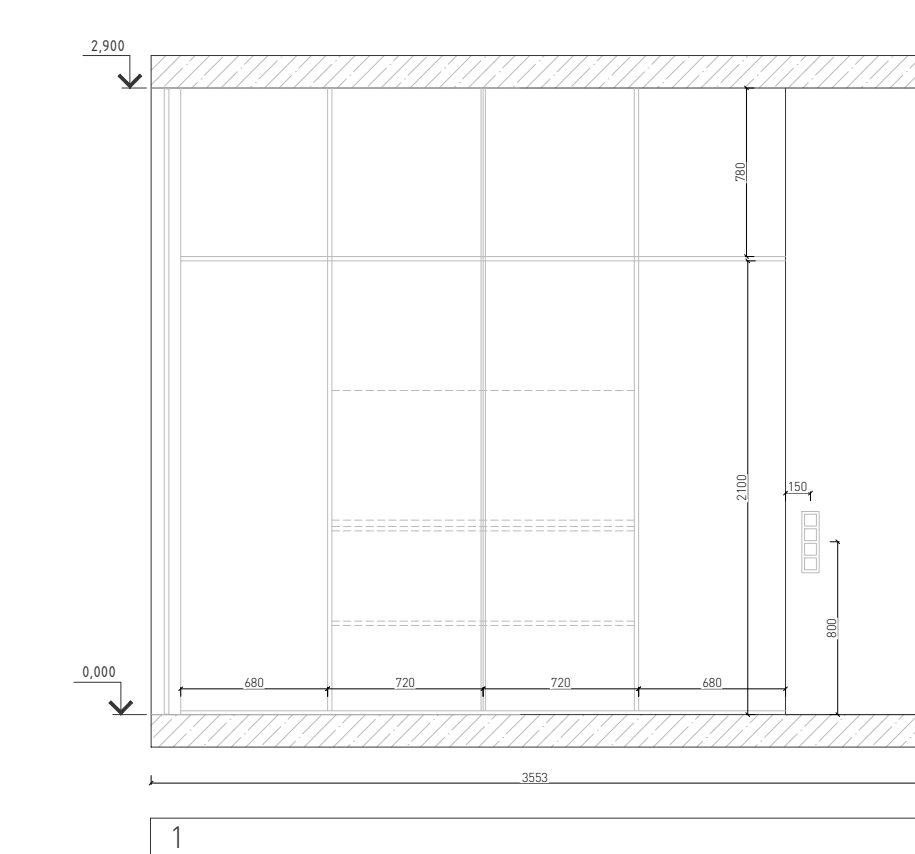
4

NOTE:

1. All measurements are based on the FINISHED walls.
2. Current chart to be viewed with corresponding wall numbers in "Wall decoration chart"
3. All measurements are without a margin.
4. All furniture and hardware installation must be done according to manufacturer's directions.

Scale: 1:50
Size: A3
Date: 12.28.2019

Project:	Bachelor	Workgroup:	US Operations	Drawing:	Hallway walls chart
		Client:	N/A		
				page 24/27	

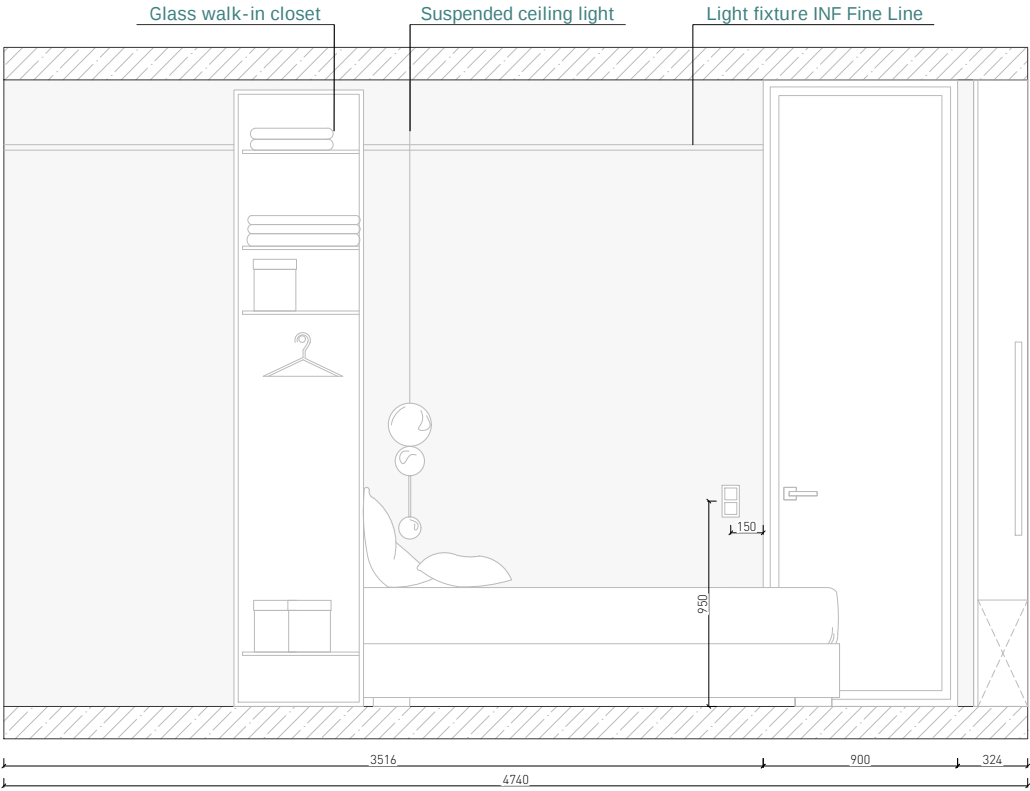


NOTE:

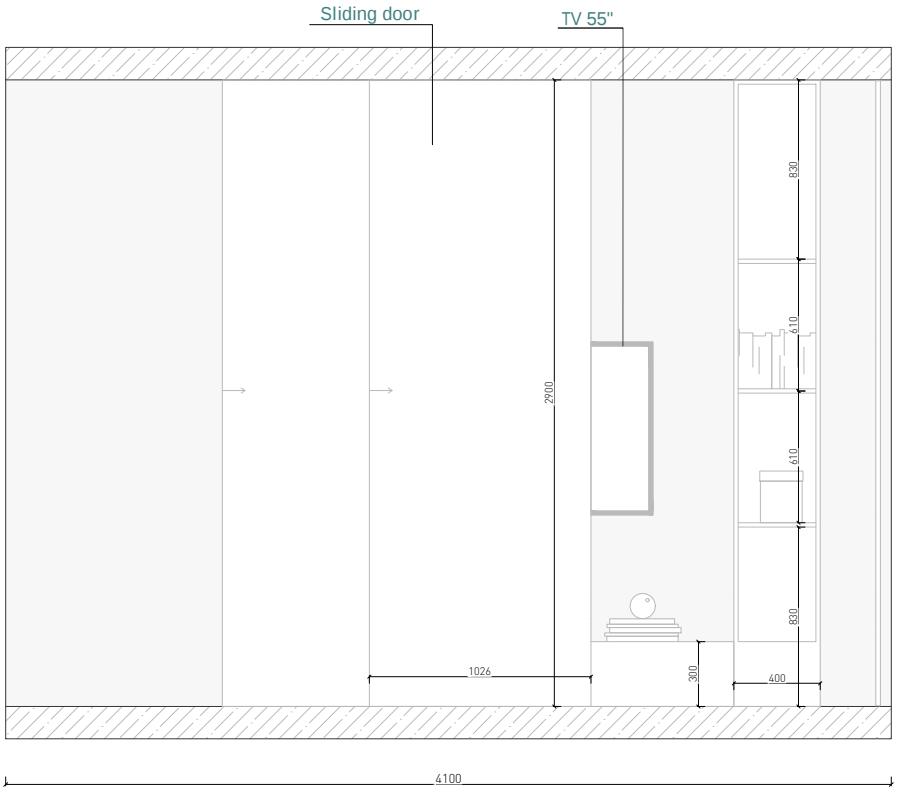
1. All measurements are based on the FINISHED walls.
2. Current chart to be viewed with corresponding wall numbers in "Wall decoration chart"
3. All measurements are without a margin.
4. All furniture and hardware installation must be done according to manufacturer's directions.

Scale: 1:50
Size: A3
Date: 12.28.2019

Project:	Bachelor	Workgroup:	US Operations	Drawing:	Kitchen & Living Room walls chart
		Client:	N/A		
				page 25/27	



1



2



3

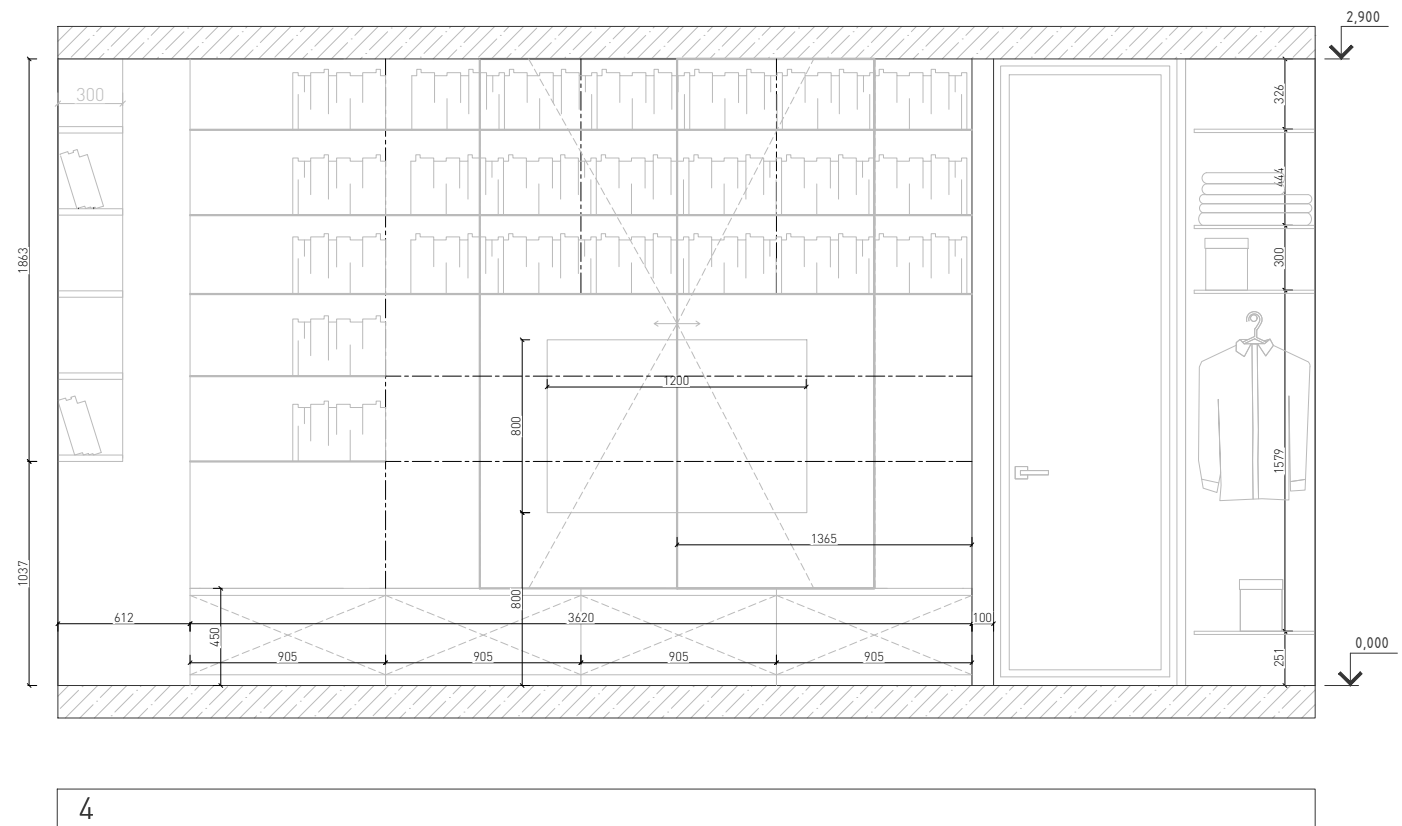
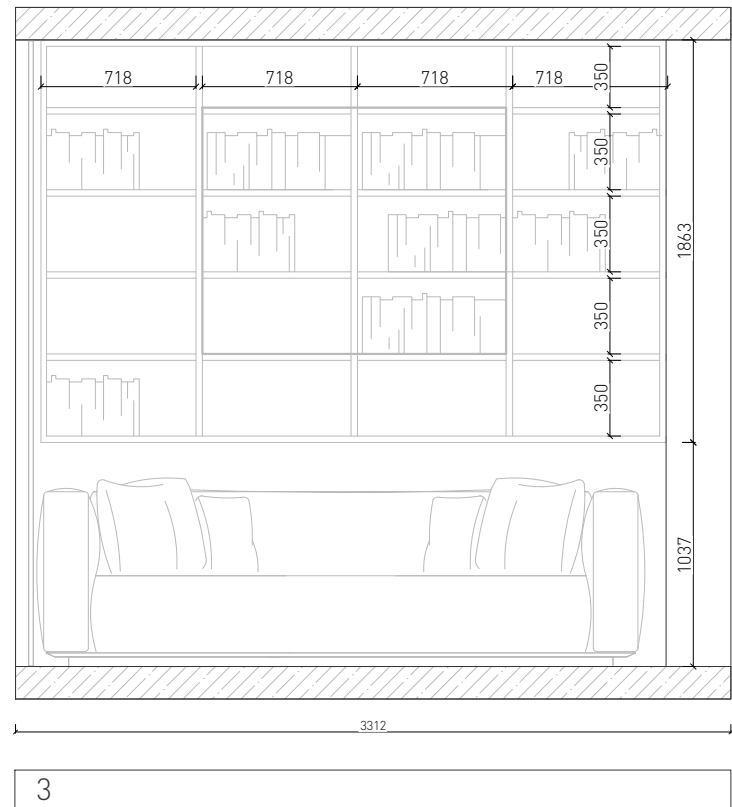
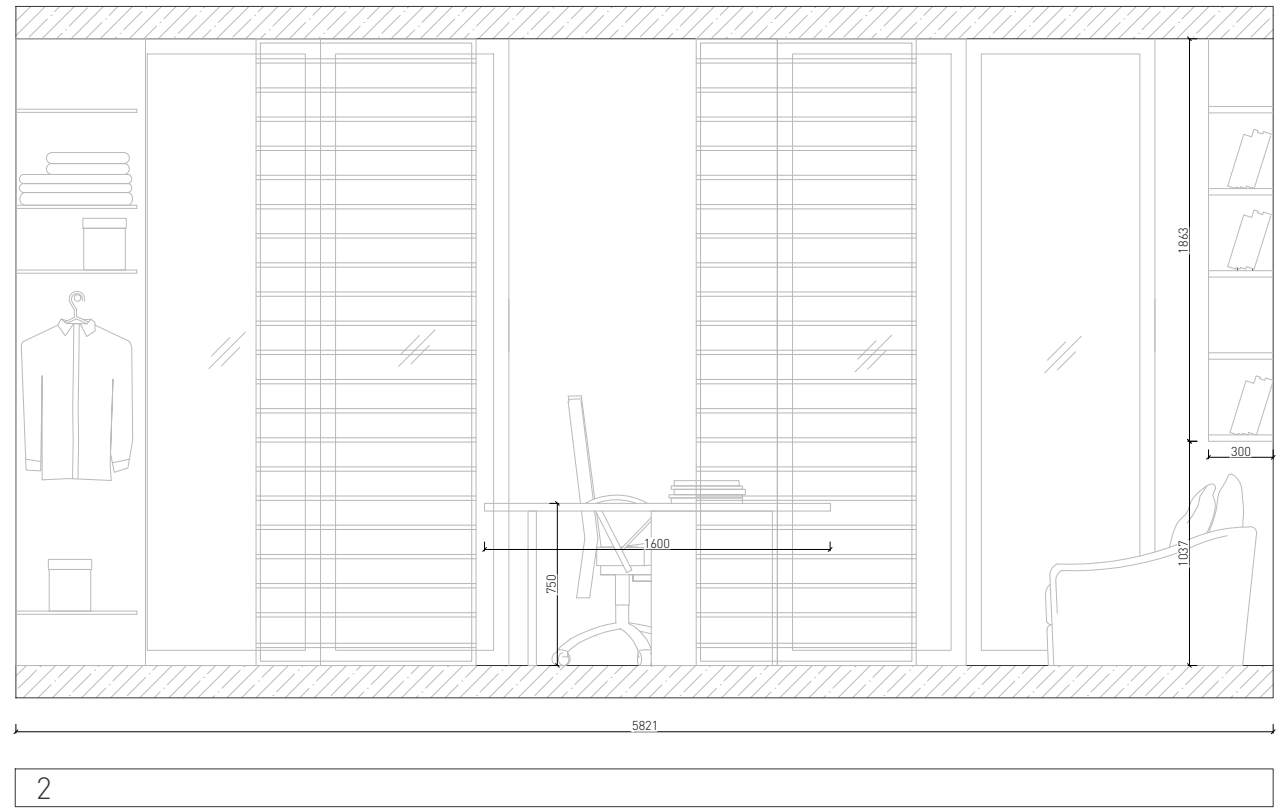
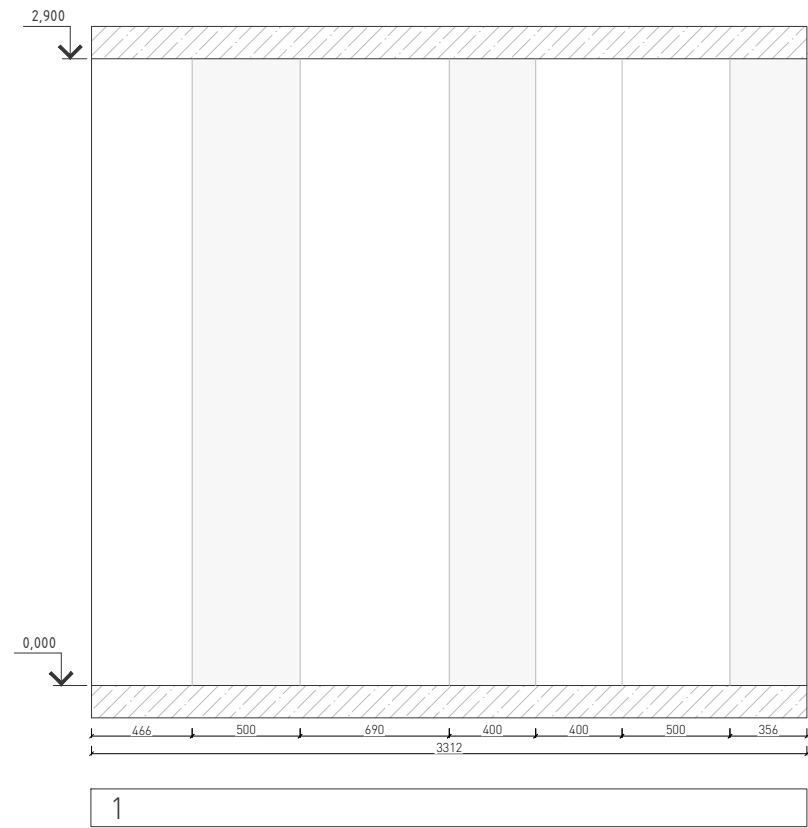


4

NOTE:
 1. All measurements are based on the FINISHED walls.
 2. Current chart to be viewed with corresponding wall numbers in "Wall decoration chart"
 3. All measurements are without a margin.
 4. All furniture and hardware installation must be done according to manufacturer's directions.

Scale: 1:50
 Size: A3
 Date: 12.28.2019

Project:	Bachelor	Workgroup:	US Operations	Drawing:	Bedroom walls chart
		Client:	N/A		
				page 26/27	



NOTE:

1. All measurements are based on the FINISHED walls.
2. Current chart to be viewed with corresponding wall numbers in "Wall decoration chart"
3. All measurements are without a margin.
4. All furniture and hardware installation must be done according to manufacturer's directions.

Scale: 1:50
Size: A3
Date: 12.28.2019

Project:	Bachelor	Workgroup:	US Operations	Drawing:	Office space walls chart
					
Client:	N/A				page 27/27