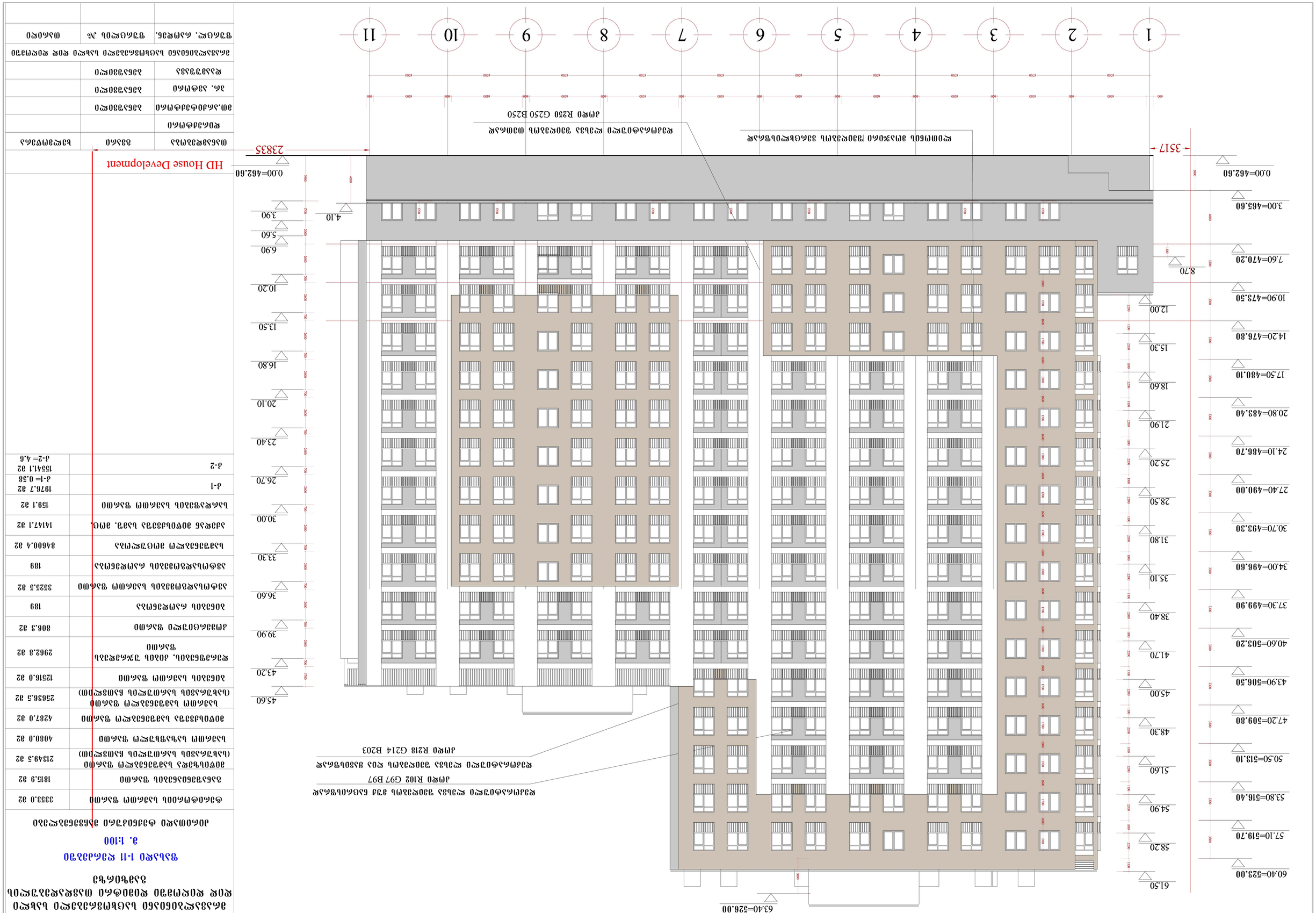
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43.20
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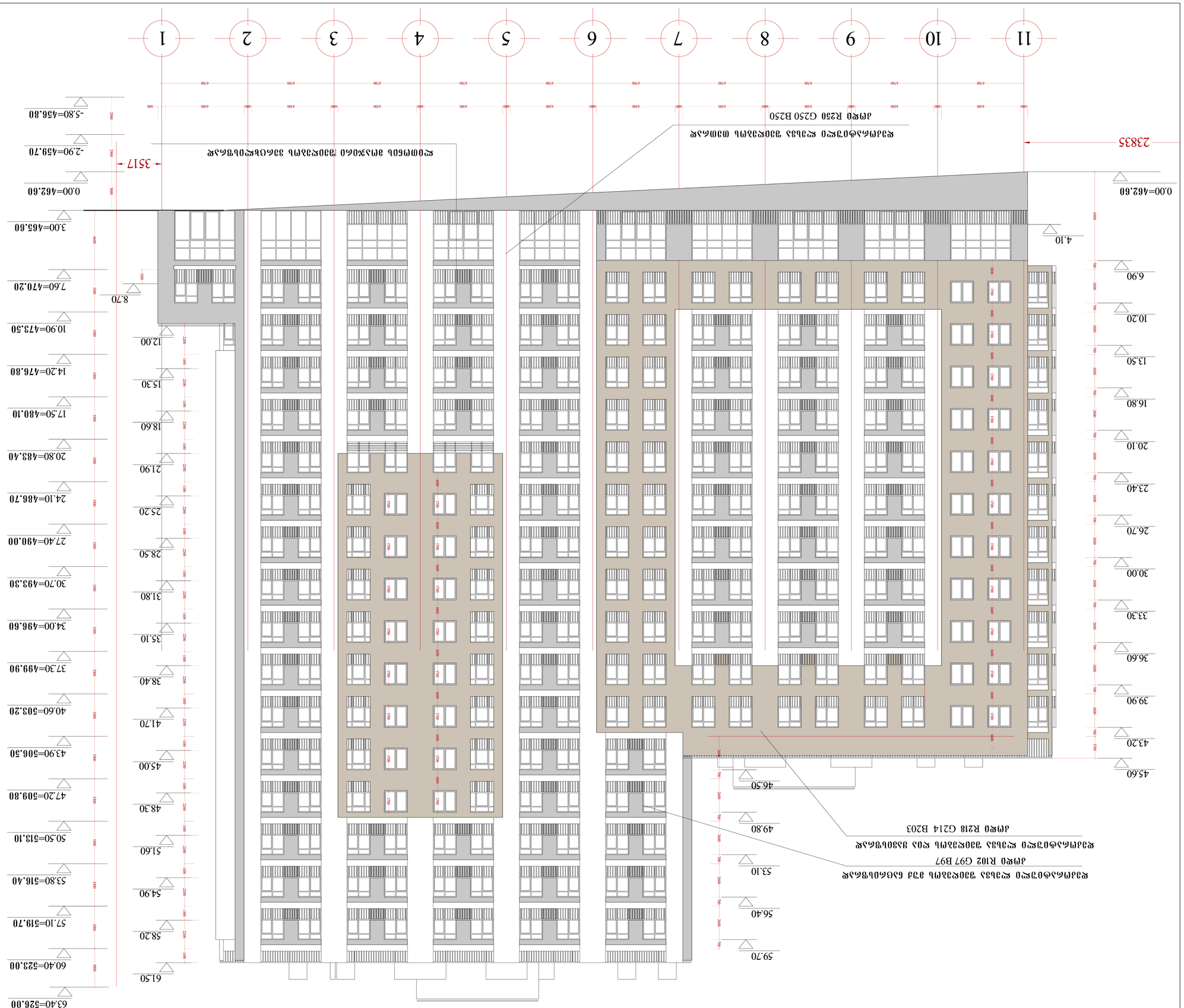
HD House Development



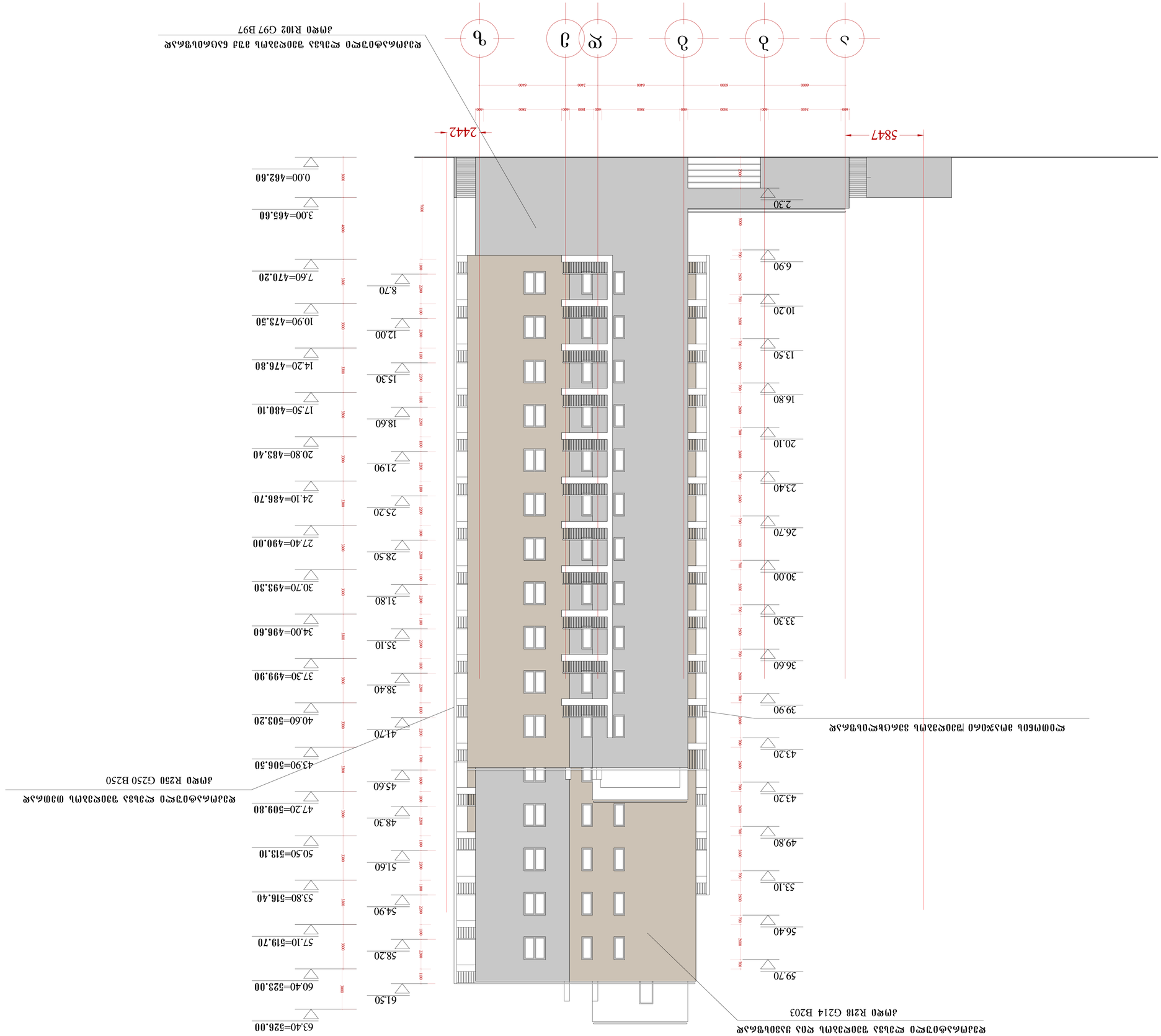
ফ্যাকশনাল এলাকা	3333.0 ম২	
ব্যবহারযোগ্য এলাকা	1815.9 ম২	
অপার্টমেন্ট ব্যবহার যোগ্য এলাকা (প্রাইভেসিটি এলাকাসহ ব্যালকনি)	21349.5 ম২	
এলাকা ব্যবহারযোগ্য এলাকা	4080.0 ম২	
অপার্টমেন্ট ব্যবহারযোগ্য এলাকা	4287.0 ম২	
এলাকা ব্যবহারযোগ্য এলাকা (প্রাইভেসিটি এলাকাসহ ব্যালকনি)	25636.5 ম২	
এলাকা ব্যবহারযোগ্য এলাকা	12516.0 ম২	
ব্যবসায়িক, এতে ট্যাক্সিবাই এলাকা	2962.8 ম২	
জমিবিহীন এলাকা	806.3 ম২	
এতেবাই এলাকা	189	
প্রকল্পভিত্তিক এলাকা	3525.5 ম২	
এপার্টমেন্ট প্রতিবাই এলাকা	189	
ব্যবহারযোগ্য জলাশয় এলাকা	8460.4 ম২	
এবং এতে অপার্টমেন্ট এলাকা	14147.1 ম২	
ব্যবহারযোগ্য এলাকা	159.1 ম২	
	1976.7 ম২	এ-1= 0.58
এ-2	1554.1 ম২	এ-2= 4.6

এলাকাসমূহ কার্যকরীকরণ ব্যবস্থাপনা

ফ্লাইট নং 11-1 ফ্লাকাউন্ট

এ. 1:100

প্রকল্পের নাম	HD House Development	
অবস্থান	ঢাকা	বাংলাদেশ
প্রকল্পের ধরন		
আ.এলাকাভিত্তিক	ব্যবহারযোগ্য	
ফ. ভিত্তিক	ব্যবহারযোগ্য	
ব্যবসায়িক	ব্যবহারযোগ্য	
ব্রাইভেসি এলাকাসহ ব্যালকনি	ব্যবহারযোগ্য	
স্থাপত্য. এলাকা	স্থাপত্যের №	এলাকা



ЗАСЕЛЕНИЕ ЗАПОЛНЕНИЕ ЖИЛЫЕ ЖИЛЫЕ ЗАСЕЛЕНИЕ

ЗАСЕЛЕНИЕ

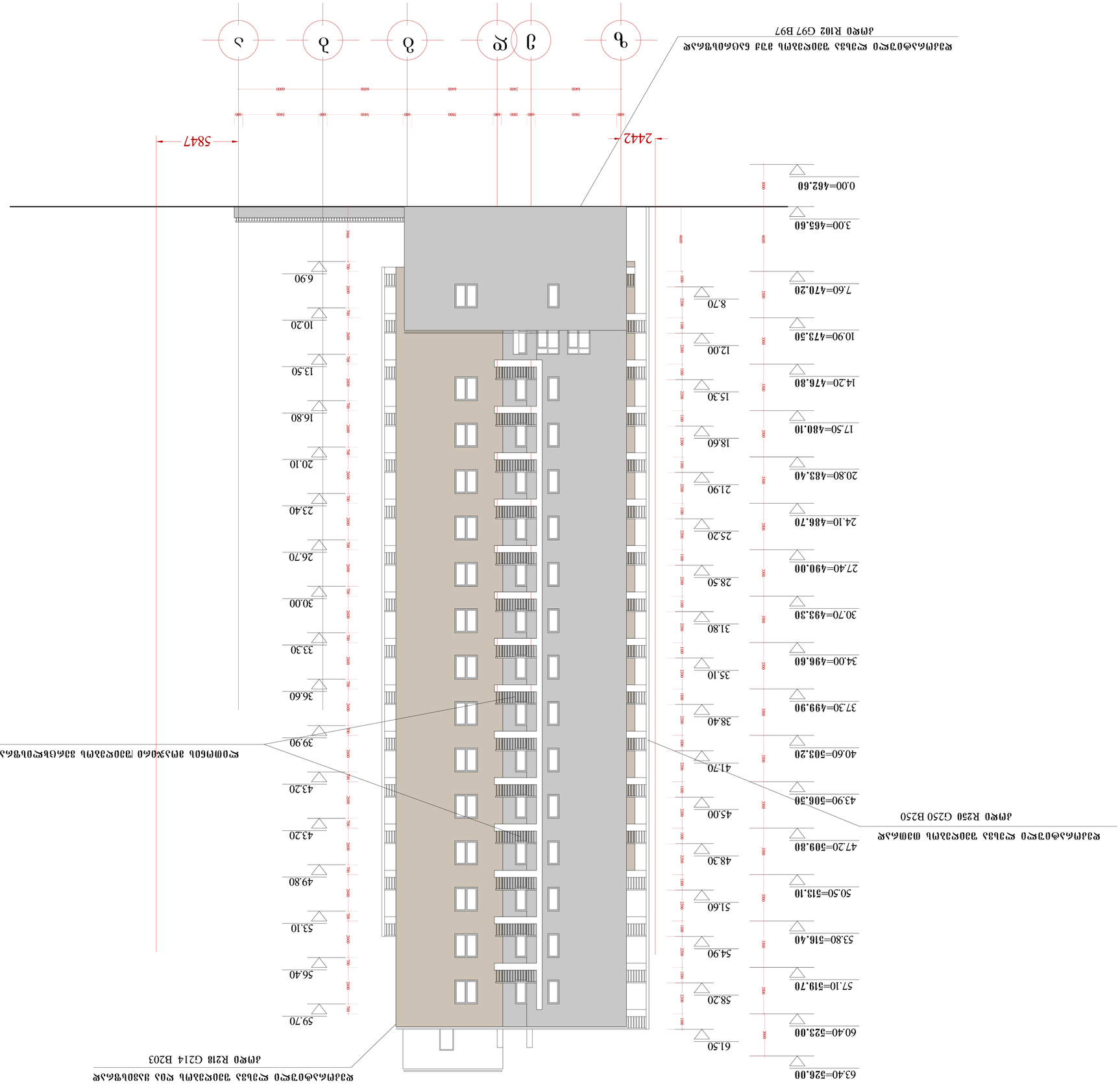
ЗАСЕЛЕНИЕ

М 1:100

ЗАСЕЛЕНИЕ ЗАСЕЛЕНИЕ	3333.0 м2
ЗАСЕЛЕНИЕ ЗАСЕЛЕНИЕ	1815.9 м2
ЗАПОЛНЕНИЕ ЗАСЕЛЕНИЕ ЗАСЕЛЕНИЕ (ЗАСЕЛЕНИЕ ЗАСЕЛЕНИЕ ЗАПОЛНЕНИЕ)	21349.5 м2
ЗАСЕЛЕНИЕ ЗАСЕЛЕНИЕ ЗАСЕЛЕНИЕ	4080.0 м2
ЗАПОЛНЕНИЕ ЗАСЕЛЕНИЕ ЗАСЕЛЕНИЕ ЗАСЕЛЕНИЕ	4287.0 м2
ЗАСЕЛЕНИЕ ЗАСЕЛЕНИЕ ЗАСЕЛЕНИЕ ЗАСЕЛЕНИЕ (ЗАСЕЛЕНИЕ ЗАСЕЛЕНИЕ ЗАПОЛНЕНИЕ)	25636.5 м2
ЗАПОЛНЕНИЕ ЗАСЕЛЕНИЕ ЗАСЕЛЕНИЕ	12516.0 м2
ЗАСЕЛЕНИЕ, ЗАПОЛНЕНИЕ ЗАСЕЛЕНИЕ ЗАСЕЛЕНИЕ	2962.8 м2
ЗАПОЛНЕНИЕ ЗАСЕЛЕНИЕ	806.3 м2
ЗАПОЛНЕНИЕ ЗАПОЛНЕНИЕ ЗАСЕЛЕНИЕ	189
ЗАЗЕМЛЕНИЕ ЗАЗЕМЛЕНИЕ ЗАСЕЛЕНИЕ ЗАСЕЛЕНИЕ	3225.5 м2
ЗАЗЕМЛЕНИЕ ЗАЗЕМЛЕНИЕ ЗАПОЛНЕНИЕ	189
ЗАЗЕМЛЕНИЕ ЗАЗЕМЛЕНИЕ ЗАЗЕМЛЕНИЕ	8460.4 м2
ЗАЗЕМЛЕНИЕ ЗАЗЕМЛЕНИЕ ЗАСЕЛЕНИЕ. ЗАЗЕМЛ.	14147.1 м2
ЗАЗЕМЛЕНИЕ ЗАЗЕМЛЕНИЕ ЗАСЕЛЕНИЕ	159.1 м2
Ф-1 Ф-1= 0.58	1976.7 м2
Ф-2 Ф-2= 4.6	1554.1 м2

HD House Development

ЗАСЕЛЕНИЕ ЗАЗЕМЛЕНИЕ	ЗАЗЕМЛЕНИЕ	ЗАЗЕМЛЕНИЕ
ЗАПОЛНЕНИЕ		
ЗАПОЛНЕНИЕ.ЗАПОЛНЕНИЕ	ЗАЗЕМЛЕНИЕ	
ЗАСЕЛЕНИЕ.	ЗАЗЕМЛЕНИЕ	
ЗАЗЕМЛЕНИЕ	ЗАЗЕМЛЕНИЕ	
ЗАСЕЛЕНИЕ ЗАЗЕМЛЕНИЕ ЗАЗЕМЛЕНИЕ ЗАЗЕМЛЕНИЕ ЗАЗЕМЛЕНИЕ ЗАПОЛНЕНИЕ ЗАПОЛНЕНИЕ		
ЗАСЕЛЕНИЕ ЗАСЕЛЕНИЕ. ЗАЗЕМЛЕНИЕ №	ЗАЗЕМЛЕНИЕ	ЗАЗЕМЛЕНИЕ



HD House Development

Project	Block A	Revision 3
Drawing	Elevation	Date 12.04.2024
Scale	1:100	Sheet A-201

Total Area	4,250 m²
Ground Floor	1,180 m²
Upper Floors	2,640 m²
Roof Terrace	430 m²
Parking Spaces	18
Bicycle Parking	24
Gross Volume	12,600 m³
Net Volume	10,850 m³
Building Height	14.20 m
Number of Floors	4
Number of Units	12
Average Unit Size	220 m²
Largest Unit	310 m²
Smallest Unit	95 m²
Energy Class	A+
Heating Demand	28 kWh/m²a
Primary Energy	62 kWh/m²a
U-value Walls	0.18 W/m²K
U-value Roof	0.12 W/m²K
U-value Windows	0.85 W/m²K
Airtightness	0.4 1/h
Solar Gain	0.35
Daylight Factor	2.5 %
Noise Level	32 dB
Fire Rating	EI 60
Accessibility	Yes
Elevator	1
Stairs	2
Balconies	12
Terrace Area	430 m²
Green Roof	180 m²
Solar Panels	60 m²
Rainwater Harvesting	25 m³
Greywater Recycling	Yes
Heat Pump	Air-source
Underfloor Heating	Yes
Ventilation	Mechanical
Heat Recovery	85 %
Cooling	Passive
Shading	External
Window Frame	Timber
Glazing	Triple
Insulation	Mineral wool
Thickness Walls	320 mm
Thickness Roof	400 mm
Thickness Floor	300 mm
Foundation	Strip
Basement	No
Crawl Space	No
Slab	Concrete
Reinforcement	Steel
Concrete Grade	C30/37
Steel Grade	B500B
Timber Grade	C24
Roof Type	Flat
Roof Slope	2 %
Drainage	Internal
Gutters	Yes
Downpipes	4
Lightning Protection	Yes
Earthing	Type A
Water Supply	Mains
Hot Water	Electric
Sewage	Mains
Gas	No
Fuel Oil	No
Solar Thermal	No
Photovoltaic	60 m²
Battery Storage	10 kWh
Wallbox	2
Bike Stands	24
Car Sharing	No
Delivery Bays	1
Waste Collection	Weekly
Recycling	Yes
Composting	No
Noise Barrier	No
Green Facade	No
Bird Protection	Yes
Bat Boxes	4
Insect Hotels	2
Hedgehog Passage	Yes
Rainwater Infiltration	Yes
Permeable Paving	120 m²
Sealed Surface	1,850 m²
Unsealed Surface	2,400 m²
Tree Planting	6
Shrub Planting	240 m²
Meadow	180 m²
Pond	No
Playground	No
Seating	4
Lighting	LED
Motion Sensors	Yes
Timer Control	Yes
Daylight Sensors	Yes
Emergency Lighting	Yes
Signage	Yes
Fire Hydrant	1
Fire Extinguisher	2
Smoke Detector	Yes
Heat Detector	No
Sprinkler	No
Alarm System	Yes
Intercom	Yes
Video Surveillance	No
Access Control	Key fob
Mailboxes	12
Doorbell	Yes
Letterbox	Yes
Address Plate	Yes
Numbering	Yes
Signage Material	Aluminium
Illumination	Yes
Flag Pole	No
Bunting	No
Temporary Fencing	No
Site Office	No
Toilet	No
Scaffolding	No
Crane	No
Hoarding	No
Skip	No
Welfare Facilities	No
Parking Permit	No
Traffic Management	No
Road Closure	No
Pedestrian Diversion	No
Noise Limit	75 dB
Working Hours	08:00–18:00
Saturday Work	08:00–13:00
Sunday Work	No
Bank Holiday Work	No
Dust Control	Yes
Wheel Wash	No
Vibration Monitoring	No
Groundwater Protection	Yes
Contaminated Land	No
Archaeology	No
Ecology Survey	Yes
Tree Protection	Yes
Hedge Protection	Yes
Bat Survey	Yes
Bird Survey	Yes
Reptile Survey	No
Amphibian Survey	No
Badger Survey	No
Otter Survey	No
Water Vole Survey	No
Invasive Species	No
Japanese Knotweed	No
Himalayan Balsam	No
Giant Hogweed	No
Ragwort	No
Thistle	No
Nettle	No
Bramble	No
Ivy	No
Gorse	No
Broom	No
Heather	No
Bracken	No
Moss	No
Lichen	No
Fungus	No
Algae	No
Liverwort	No
Hornwort	No
Fern	No
Horsetail	No
Clubmoss	No
Quillwort	No
Stonewort	No
Charophyte	No
Diatom	No
Dinoflagellate	No
Euglenoid	No
Cryptophyte	No
Haptophyte	No
Chrysophyte	No
Xanthophyte	No
Eustigmatophyte	No
Raphidophyte	No
Bacillariophyte	No
Phaeophyte	No
Rhodophyte	No
Glaucophyte	No
Prasinophyte	No
Chlorophyte	No
Charophyceae	No
Embryophyte	No
Bryophyte	No
Pteridophyte	No
Spermatophyte	No
Gymnosperm	No
Angiosperm	No
Monocot	No
Dicot	No
Basal Angiosperm	No
Magnoliid	No
Monocot	No
Eudicot	No
Rosid	No
Asterid	No
Caryophyllid	No
Lamiid	No
Campanulid	No
Basal Eudicot	No
Core Eudicot	No
Superasterid	No
Superrosid	No
Basal Asterid	No
Basal Rosid	No
Core Asterid	No
Core Rosid	No
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Basal Lamiid	No
Basal Campanulid	No
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Core Lamiid	No
Core Campanulid	No
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Basal Shelter	No
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Basal Refuge	No
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Basal Sanctuary	No
Core Sanctuary	No
Basal Haven	No
Core Haven	No
Basal Retreat	No
Core Retreat	No
Basal Hideaway	No
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Core Den	No
Basal Lair	No
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Basal Burrow	No
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Basal Sanctuary	No
Core Sanctuary	No
Basal Refuge	No
Core Refuge	No
Basal Shelter	No
Core Shelter	No
Basal Accommodation	No
Core Accommodation	No
Basal Lodging	No
Core Lodging	No
Basal Habitation	No
Core Habitation	No
Basal Abode	No
Core Abode	No
Basal Residence	No
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Basal Dwelling	No
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Basal Building	No
Core Building	No
Basal Structure	No
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Core Assembly	No
Basal Module	No
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Basal Part	No
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Core Component	No
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Basal Item	No
Core Item	No
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Core Entity