

| GENER | AL USE MIX | | | | |
|---------------------------|---|------------|-------------------------|--------------------------|-------------|
| | Zoning Category | Commercial | Mixed Use Commercial | Mixed Use Residential | Residential |
| | Zoning Code | СОМ | MUC | MUR | RES |
| Minimun | n required number of use type* | 1 | 2 | 2 | 1 |
| | Commercial: • Retail • Office | Ø | √ ** | ~ | × |
| Use Type | Residential (Flats, Apartments) | × | ✓ | ⊠ * | M |
| per Zoning Category | Hospitality (Hotels, Serviced Apartments) | ~ | ✓ | ~ | ✓ |
| | Secondary/Complementary Uses (Community Facilities, Sport & Entertainment) | ~ | ~ | ~ | ~ |
| See details | s of Permitted Uses Table in page 4 | | L | | , |

| DETAILED USE SPLIT | | | | | | | | |
|---|----------|------------|--|--|--|--|--|--|
| MUR: Mixed Use Residential | Uses Mix | GFA Split | Allowed Floor Location | | | | | |
| Commercial**: Commercial-Retail, Commercial-Office | ✓ | 2.50 % max | Ground level, podium & podium level, top floor level | | | | | |
| Residential (Flats, Apartments) | ₹ | | All | | | | | |
| Hospitality (Hotels, Serviced Apartments) | * | 80 % min | All Semi-public /publicly accessible facilities (e.g. commercial space) at ground level, podium & podium level, top floor level | | | | | |
| Secondary/ Complementary Uses | ✓ | 20% max | Podium / Top level | | | | | |

Uses mix: ☑ Required; ✓ Allowed; × Not allowed;

* In Mixed Use Residential, the required Residential Use Type can be substituted with Hospitality Use Type (e.g. hotel, serviced apartment); ** In Mixed Use Commercial, mixing between Commercial Uses only (Retail & Office) is allowed and this already fulfils the requirement 2 mix

| SPECIFIC USE REGULATIONS | SPECIFIC USE REGULATIONS | | | | | | | |
|--------------------------|--|--|--|--|--|--|--|--|
| Permitted uses | See Permitted Uses Table (| | | | | | | |
| Recommended Uses | Type of commercial in ML hair-dresser, salon, tailor, s | | | | | | | |
| Not permitted uses | All other uses not listed in th industry etc) | | | | | | | |
| Active Frontage Uses | Percentage: For marked-sic Uses | | | | | | | |
| | Retail, Shops, Food and Be Clinics, Community Centres | | | | | | | |

BLOCK 5-19

QATAR NATIONAL MASTER PLAN

(page 4)

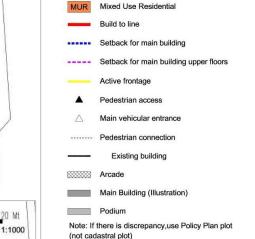
IUR: Domestic or Local Commercial- Retail (ie.convenient store, specialty shop, laundry, bakery, cafe etc)

the General Permitted Uses Table (e.g. garage/car repair/heavy

ides as Active Frontages, min. 60% frontage required as Active

everage (F&B), Offices, Services, Hotels, Government Offices, es, Libraries, etc

BLOCK MASSING PLAN

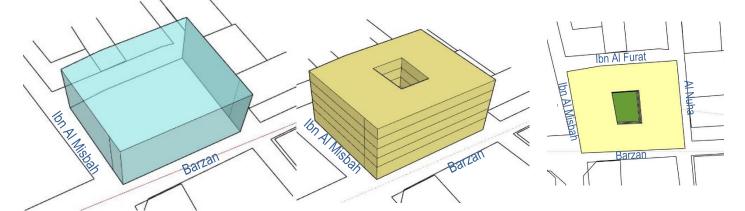


Policy plan plot

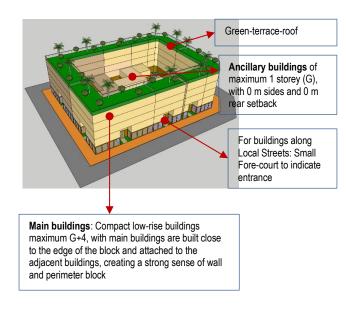
Cadastral plot

BUILDING ENVELOPE & MASSING ILLUSTRATION

Barzan



BUILDING TYPOLOGY: ATTACHED LOW RISE BUILDING & COURTYARD



Interventions for Regeneration Zone:

- 1. For existing old buildings (e.i. traditional vernacular) that still intact and buildings with architectural significance:
- Retain and upgrade the original and significant characteristics as much as possible (morphology, scale, urban grain, courtyard typology, building foot print, architecture style, etc);
- Enhance the original Qatari Vernacular or Early Modern (Doha Art Deco) Style
 Allow partial redevelopment and intensification from the original courtyard
- houses: max.additional 3 storey (G+4= 5 storey) for minimum plot size of 300 sam
- 2. For existing early modern buildings with no architectural significance:
 - Allow for full-fledge reconstruction/redevelopment up to maximum height, but maintain the courtyard typology (if any) or design a courtyard typology;
 Recreate from the original building's foot-print, as much as possible
 - Enhance the original style (whether Qatari Vernacular or Early Modern Style (Doha Art Deco)
- 3. For new development on vacant land:
- Design a courtyard typology building
- Design bulk massing as per regulations
- o Adopt Qatari Vernacular or Early Modern (Doha Art Deco) Style
- 4. Adaptive re-use

BLOCK FORM REGULATIONS

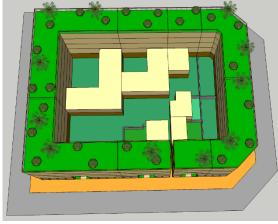
| BULK REGULATIONS | | | | | | |
|--|---|-----------------|--|--|--|--|
| Uses (as per Zoning Plan) | MUR: Mixed Use Residen | tial | | | | |
| Height (max) | G+4 | 20.7 m (max) | | | | |
| FAR (max) | 4.00 | (+ 5 % for | | | | |
| Building Coverage (max) | 85% | corner lots) | | | | |
| MAIN BUILDINGS | | | | | | |
| Typology | Attached-Low Rise with | Courtyard | | | | |
| Building Placement | Main buildings: | | | | | |
| | • 0m front; 0 m side setba | acks | | | | |
| Build to Line (a set building line on a plot, measured parallel from the front and/or corner side plot line, where the structure must be located. The building facade must be located on the build-to line) | 100% of 0 m front setback (mandatory) | | | | | |
| Building Depth (max) | 10 m (single-aspect building) 15 m (double-aspect building) 30 m (building with atrium) 30 m (building with integrated parking, for plot depth minimum 45 m) | | | | | |
| Building Size | Fine grain; 10 m maximum building width or length; or Create a modular external expression of fasade, with maximum 10 m wide, if the building is long stretched | | | | | |
| Primary Active Frontage | As indicated in the plan | | | | | |
| Frontage Profile | Small Fore-court to indic entrance | ate | | | | |
| Basement; Half- Basement (undercroft) | Allowed 0 m setbacks 0.5 m maximum height level (undercroft) | from street | | | | |
| ANCILLARY BUILDINGS | | | | | | |
| Height (max) | G | | | | | |
| Setbacks | 0 m sides 0 m rear | | | | | |
| Building Depth (max) | 7.5 m | | | | | |
| SITE PLANNING | | | | | | |
| Plot Size for Subdivision | Minimum 300 sqm | | | | | |
| Small Plot | Minimum plot size of 30 allow to reach G+4, with | | | | | |

Q A T A R N A T I O N A L M A S T E R P L A N

| | undercroft and 1 basement for car parking. For plot sizes < 300 m2: Allowed to be developed up to the maximum parameters set in the plan, subject to possibility of |
|--|---|
| | providing required parking on site |
| Open Space (min) | 5% |
| ACCESSIBILITY AND CC | NNECTIVITY |
| Pedestrian Entry Point | As indicated in the plan |
| Vehicle Access Point | As indicated in the plan |
| Recommended Public Access on Private Plot | n/a |
| PARKING | |
| Location | On-site parking/ undercroft/ basement/ podium parking/ Multi-Storey Car Park (MSCP) for plot size > 2000 sqm |
| Required Number of Spaces | As per general MSDP Car Parking Regulations |
| Parking Waiver | 30% reduction in parking provision requirement; Relaxation for plots ≤ 350 sqm, provided all safety measures are fulfilled as per Qatar Parking Design Manual-QPDM (refer to page 4 for details): 1)Allowable stall parking dimension of 2.5m x 5.5 m 2)Allowable single driveway (not ramp) provision of 3.5m width to the rear on-site parking |

- All new development should follow the regulations.
- For existing buildings: the setbacks and heights are indicative, for retrofitting /alteration/ modification changes should not exceed the existing massing.
- For existing buildings which are still new and/or in good condition, it is recommended only to add the required front-part of the building (eg. light structure podium) as per indicated set back and build-to-line (which is zero setback) in the plan

LANDSCAPE & ACTIVATE CHAMFER-SIDE AT THE INTERSECTION





Provision of 'green' on the landscaped forecourt (local streets) and court-yard (ie.central/sides/rear courtyard)

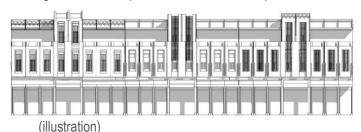
Provision of green terrace roof garden (min. 50% of the area)



Qatari Vernacular*

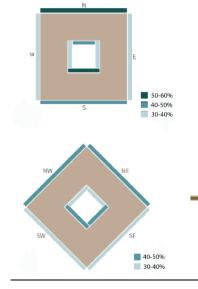
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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 8 | | | Ē | | 8 | | | | | | | |
| Ţ | T | T | Ī | T | Ţ | T | T | T | ſ | T | T | Ţ | T | T | T | Ī | Ţ | Ţ | T |

Early Modern (Doha - Art Deco)*



1

WINDOW-TO-WALL RATIOS



| North : 50%-60% | South : 40%-50% |
|------------------------|-----------------|
| | |
| 4 | |
| | |





Activate chamfer-sides by provision of openings (windows, doors), entrance for people or landscaped

TOP

MIDDLE

BASE

TOP

MIDDLE

BASE

gardens

ANNUMU

Addidida

20200000

m groups

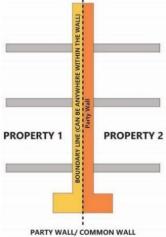
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STANDARDS

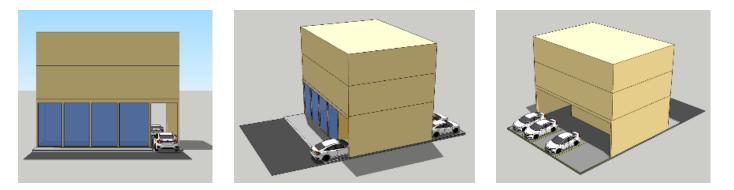
| ARCHITECTURAL STANDARD | | | | | | | | | |
|------------------------------------|--|--|--|--|--|--|--|--|--|
| Architectural Theme/ Style | • Qatari Vernacular Style or Early Modern (Doha Art Deco), depend on the existing original style | | | | | | | | |
| | (* Refer the details to the <u>Townscape &</u> <u>Architectural Guidelines for Main Streets</u> <u>in Qatar</u>) | | | | | | | | |
| Exterior expression | • Clear building expression of a base, a middle and a top | | | | | | | | |
| | • The Base Part (Ground Floor): should clearly be expressed (eg. with architrave or corniche ornament) | | | | | | | | |
| | The Middle Part: Should adopt local rooted architectural language for its elements such as openings, shutters, balconies, bays etc. Should reveal the external expression of each storey | | | | | | | | |
| | • The Top Part should be marked by parapet or entablature | | | | | | | | |
| Minimum Building separation | 6 m between two buildings with facing non-habitable rooms 8 m between two buildings with a facing non-habitable room and a facing habitable room 12 m between two buildings with facing habitable rooms | | | | | | | | |
| Party-Wall / Common Wall | The attached building's parts should have its own wall and foundation and comply to the standard of construction and fire-safety | | | | | | | | |
| Floor height (maximum) | Slab to slab height (mid-point): Ground floor: 5 m Ground floor with mezzanine: 6.5 m Typical floors (residential and other): 3.50 m Ground floor ancillary building: 3.50m | | | | | | | | |
| Building Orientation | All the fasade's elements (windows doors, balcony, bay window, etc) should respect the streets based or their hierarchy. Primary fasade should orientate to the highway /expressway/ collector/arterial streets. | | | | | | | | |
| Active frontage features | Entrances, <i>madkhal</i> , lobbies, window openings, arcades, porches etc | | | | | | | | |
| Active chamfer at the intersection | The chamfer side should be activated by providing main access for people and designing active frontage/fasade or small landscaped area with public | | | | | | | | |

QATAR NATIONAL MASTER PLAN

| | facilities such as benches, public art, small lawn area, etc |
|---------------------------------|--|
| Building Material | Avoid excessive use of glass-wall Use the low environmental impact materials, that conform to ISO 14025, 14040, 14044, and EN 15804 or ISO 21930 |
| Window-to-Wall Ratios | Refer to the diagrams |
| LANDSCAPE STANDARD | |
| Forecourt | For buildings along the secondary streets, the forecourts should have small green space for landscape |
| Barrier/fences | Street side: not allowed Sides and rear: transparent where possible; maximum height 2.5 m |
| Green Roof | 50% area of the podium and the roof- top should be landscaped with dominant soft-scape (trees, plants, urban farming etc) |
| ACCESSIBILITY STANDAR | RD |
| Pedestrian access | Main building entrances should be oriented to the side indicated on the plan. Pedestrian Access on the plan indicates the side for main pedestrian access, not the approximate location |
| Vehicle egress and in- gress | Main Vehicular Access on the plan indicates the side and approximate location of the access, subject to site planning and transportation constraints. |
| SIGNAGE | |
| Style | Signage should be an integral part of the building fasade without background. |
| - | |



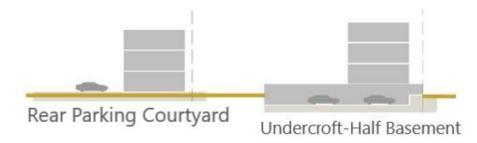
PARKING FORM & LOCATION OPTION



Parking at rear on small plots \leq 350 sqm (illustration)

Conditional Requirements for Relaxation on Plots \leq 350 sqm:

- (a) The Owner/Developer to conduct a Parking Safety Audit as per QPDM and implement safety measures as suggested by the Safety Auditor;
- (b) Provide exclusive signage and pavement marking cautioning the motorists and facility users (as per QPDM);
- (c) Guidance on parking operations, accessible parking, pedestrian sidewalk to be adopted as per QPDM.
- (d) The parking facility to be managed by trained security personnel/traffic marshal, where possible;
- (e) Preferable use mechanical, automated, robotic parking systems, where possible;
- (f) Use of Intelligent Transportation System technologies such as Variable Message Signage, etc, where possible.



INCENTIVE

Incentive Scheme

Provision of **Privately Owned Public Space – POPS** such *sikka*, pedestrian walkway, public plaza, pocket garden, and Community Facility: Additional floor area of 5 m2 for every 1 m2 provision, up to maximum 10% of total GFA

Provision of Shared Public Parking:

Additional floor area of 50 m2 for provision of each one (1) shared-car parking space, up to maximum 10% of total GFA

PERMITTED USES TABLE

| | Type and category | СОМ | MUC | MUR | RES | Code | Use |
|---------------|---------------------------------------|-----------------------|--------------|--------------|-----------------------|----------------|---|
| | · jpe and energe. j | | | | - | MERCIAL | |
| | Convenience | ✓ | ✓ | ✓ | √ | | Food, Beverage & Groceries Shop |
| ŀ | Comparison/Speciality | ✓ | \checkmark | ✓ | × | | General Merchandise Store |
| | een paneen, epeelanty | ✓ | ✓ | ✓ | × | | Pharmacy |
| | | ✓ | ✓ | ✓ | × | | Electrical / Electronics / Computer Shop |
| | | ✓ | ✓ | ✓ | × | | Apparel and Accessories Shop |
| | Food and Beverage | ✓ | ✓ | ✓ | ✓ | | Restaurant |
| 2 | · · · · · · · · · · · · · · · · · · · | ✓ | ✓ | ✓ | ✓ | | Bakery |
| | | ✓ | \checkmark | ✓ | ✓ | | Café |
| | Shopping Malls | ✓ | √ | × | × | 314 | Shopping Mall |
| | E-charging Stations | ✓ | × | × | × | | E-charging Station |
| i. | Services/Offices | ✓ | √ | √ | × | | Personal Services |
| | | ✓ | √ | √ | × | | Financial Services and Real Estate |
| 5 | | ✓ | √ | ✓ | × | | Professional Services |
| | | <u>.</u> | - | | RESI | DENTIAL | |
| Т | Residential | × | ✓ | ✓ | ✓ | | Residential Flats / Apartments |
| | | | | | HOSE | PITALITY | · |
| | Hospitality accommodation | ✓ | ✓ | ✓ | × | | Serviced Apartments |
| | . , | ✓ | √ | √ | × | | Hotel / Resort |
| | | - | SI | COND | ARY / (| | MENTARY |
| | Educational | × | ✓ | √ | ✓ | | Private Kindergarten / Nurseries / Child Care Centers |
| | Educational | ✓ | \checkmark | ✓ | × | | Technical Training / Vocational / Language School / Centers |
| | | × | √ | ✓ | × | | Boys Qur'anic School / Madrasa / Markaz |
| | | × | √ | ✓ | × | | Girls Qur'anic School |
| | Health | ✓ | ✓ | ✓ | × | | Primary Health Center |
| 2 | | ✓ | ✓ | ✓ | × | | Private Medical Clinic |
| | | ✓ | ✓ | × | × | | Private Hospital/Polyclinic |
| | | ✓ | ✓ | ✓ | ✓ | | Ambulance Station |
| Ĩ | | ✓ | √ | × | × | | Medical Laboratory / Diagnostic Center |
| - | Governmental | × | √ | × | × | 1201 | Ministry / Government Agency / Authority |
| | | × | √ | × | × | | Municipality |
| | | ✓ | √ | √ | × | | Post Office |
| 5 | | ✓ | √ | √ | √ | | Library |
| 2 | Cultural | ✓ | ✓ | ✓ | × | 1301 | Community Center / Services |
| | | ✓ | ✓ | ✓ | × | 1302 | Welfare / Charity Facility |
| | | ✓ | ✓ | × | × | | Convention / Exhibition Center |
| | | ✓ | ✓ | ✓ | ✓ | | Art / Cultural Centers |
| | Religious | ✓ | ✓ | ✓ | × | 1406 | Islamic / Dawa Center |
| _ | Open Space & Recreation | ✓ | ✓ | ✓ | ✓ | | Park - Pocket Park |
| | | ✓ | ✓ | × | × | 1504 | Theatre / Cinema |
| | | ✓ | ✓ | ✓ | ✓ | | Civic Space - Public Plaza and Public Open Space |
| F | | ✓ | ✓ | ✓ | ✓ | | Green ways / Corridirs |
| ENTERTAINMENT | Sports | × | \checkmark | \checkmark | × | 1607 | Tennis / Squash Complex |
| | | × | ✓ | ✓ | ✓ | 1609 | Basketball / Handball / Volleyball Courts |
| ĩ | | × | ✓ | ~ | ✓ | | Small Football Fields |
| | | × | ✓ | ✓ | ✓ | | Jogging / Cycling Track |
| 5 | | \checkmark | ✓ | ✓ | ✓ | | Youth Centre |
| Ξ | | × | ✓ | ~ | × | 1612 | Sports Hall / Complex (Indoor) |
| SPURIS | | \checkmark | ✓ | ✓ | ✓ | | Private Fitness Sports (Indoor) |
| | | ✓ | ~ | ~ | ✓ | | Swimming Pool |
| Ľ | Special Use | \checkmark | ✓ | × | × | | Immigration / Passport Office |
| Ē | | \checkmark | ✓ | × | × | | Customs Office |
| OTHER | Tourism | · · | · ✓ | × | × | | Museum |

Supporting uses serves only to the primary use should not be regarded as a separate use. Therefore, their floor area calculation should be included in the GFA of the primary use (e.g. gym facility for residents in an apartment building should be calculated in the Residential GFA, or facilities of a hotel for guests should be calculated in Hospitality GFA).
 Unlisted uses in the table are categorised as non-permitted uses, especially the hazardous/ polluted uses (e.g car repair shops, industries, polluted-workshops, etc).

Omisted uses in the table are categorised as non-permitted uses, especially the nazardou
 Similar uses to the permitted uses in the table will be regarded as conditional cases

• Similar uses to the permitted uses in the table will be regarded as condition

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