

GWADAR DEVELOPMENT AUTHORITY
NOTIFICATION
G w a d a r t h e M a r c h , 2 0 0 5

In exercise of powers conferred by section *No.24* of Gwadar Development Authority Act 2003, with the prior approval of the Governing Body the authority is pleased to make the following regulations:-

CHAPTER 1 – JURISDICTION

1-1 Short title and commencement and extent

1-1.1. These Regulations may be called the Gwadar Building Regulations 2005.

1-1.2. These Regulations shall come into force at once.

1-1.3. These Regulations shall apply to the whole Tehsil of Gwadar.

1-2 **Application of Gwadar Building Regulations.**

These Regulations shall apply on every person who intends to carry out building, planning and land development work.

1-3 **Exemption from Building Regulations.**

In order to meet emergency conditions and the requirements of persons in the sub-economic income group, the Authority at its own initiative or at the direction of the Government may declare special areas where these Regulations may be relaxed for a specific period of time after which these buildings shall become subject to special low cost housing codes.

1-4 **Delegation of Powers and Duties.**

1-4.1. The Governing body hereby delegates to the Gwadar Development Authority, the powers and duties assigned by these Regulations.

1-4.2. From time to time the Government may by notification, modify or withdraw from the Authority any such powers or duties, or add to or revise, or may recommend the revision of the boundaries of the jurisdiction of the Authority.

CHAPTER 2 – DEFINITIONS

General

- 2-1.** In the Regulations hereinafter contained, the following terms and expressions shall have the meanings hereinafter respectively assigned to them, unless such meaning be repugnant to or inconsistent with the context or subject matter in which such words or expressions occur:
- 2-1.1. Words imparting the singular number shall include the plural;
- 2-1.2. Words imparting the plural shall include the singular; and
- 2-1.3. Words imparting the masculine gender shall include feminine gender as well.
- 2-2.** **Act** mean means GDA Act. 2003
- 2-3.** **“Addition”** means the addition of any unit/structure to any building / structure constructed in accordance with these Regulations, and after obtaining the Occupancy Certificate of the building / structure being added to.
- 2-4.** **“Agriculture”** means and includes pasture, horticulture, breeding of livestock including poultry, fish and bees, and the use of land for any purpose ancillary thereto.
- 2-5.** **“Allottee”** means a person or a body who purchases a unit in a public sale project.
- 2-6.** **“Alteration”** means any change brought about after the approval of Building plan without affecting or violating any provision of these Regulations.
- 2-7.** **“Amalgamation”** means the joining of two or more adjoining plots of the same land used as a single plot in accordance with these Regulations.
- 2-8.** **“Amenity Plot”** means a plot allocated exclusively for the purpose of amenity uses.
- 2-9.** **“Ancillary Building”** means a building subservient to the principal building on the same plot, e.g., servant quarters, garages, guard room, etc.
- 2-10.** **“Apartment”** means an independent residential unit consisting of at least one habitable room, bathroom, toilet, and cooking facilities in an apartment building as defined in 2-10 below.
- 2-11.** **“Apartment Building”** means a building having more than one storey and containing more than two apartments sharing common staircase, or access space.
- 2-12.** **“Approved”** means approved in writing by the Authority.
- 2-13.** **“Arcade”** means a covered walk-way or a verandah between the shops and the street / footpath on which the shops abut.
- 2-14.** **“Architect”** means a person _____ registered with P.C.A.T.P.
- 2-15.** **“Architectural Plan”** means a plan showing the arrangements of proposed building works, including floor plans, elevations and sections, in accordance with the requirements of these Regulations.

- 2-16. **“Area Standards”** means those zoning regulations or other land development requirements or restrictions referred to in this Regulation, which have heretofore been, or may hereafter be, adopted for a specified area or areas by, or on behalf of, Master Plan whether or not as part of a detailed plan.
- 2-17. **“Assembly uses”** Assembly uses as defined in Regulation.
- 2-18. **“Attached Building”** means a building which is joined to another building on one or more sides by a common wall or walls.
- 2-19. **“Authority”** means the Gwadar Development Authority.
- 2-20. **“A.C.I”** means American Concrete Institute.
- 2-21. **“Balcony”** means a projection from a wall of a building on an open space or a public street.
- 2-22. **“Basement”** means a storey of a building partially or wholly below ground level.
- 2-23. **“Bath Room”** means a room containing a water tap/wash basin and a shower or a bathtub or a bath tray, and may be with or without a W.C.
- 2-24. **“Building Line”** means a line up to which any part of a building from its lowest level, including any and all foundations, or other structure, abutting on a public street or a road planned future public street, may extend, provided always that such line is within the property line of extent, provided always that such line is within the property line of such building or cut line as provided in these Regulation of such plots.
- 2-25. **“Building Designer”** means a person who had been granted license to act as such by Gwadar Development Authority or any other Building Control Authority in Pakistan.
- 2-26. **“Building Supervisor”** means a person who has been granted a license to act as such under these Regulations.
- 2-27. **“Building Works”** means erection or re-erection/modification including complete or partial demolition of a building including full or partial thereof or making additions and alterations to an existing building.
- 2-28. **“B.S.S”** means the latest applicable published edition of the relevant British Standard Specifications.
- 2-29. **“B.S.C.P”** means the latest applicable published edition of British Standard Code or practice.
- 2-30. **“Carpet Area”** means the net floor area within a rent-able/saleable unit excluding the area of peripheral walls but including the area of internal walls and columns etc.

- 2-31. **“Car Porch”** means a shelter or a shed for a car which is permanently open on at least two sides.
- 2-32. **“Chimney”** means a structure enclosing one or more flues, and includes any opening therein for the function of a heat producing appliance/fireplace.
- 2-33. **“Chief Controller of Buildings (CCOB)”** means the authorized officer of the Authority to effect implementation of these Regulations.
- 2-34. **“District Government”** includes the areas within the jurisdiction of the District Government Gwadar.
- 2-35. **“Clinical Buildings”** means the buildings specified for health and welfare uses etc.
- 2-36. **“Commercial Buildings”** means a building constructed for commercial use etc.
- 2-37. **Commercial Use”** means commercial (trade) uses such as shops shopping centers, markets and other uses.
- 2-38. **“Compartment”** As defined in Regulation No. 14-5.
- 2-39. **“Completion Plan”** means as built plan submitted to the Authority for the purposes of obtaining approval and occupancy certificate.
- 2-40. **“Concerned Authority”** means the public Agency designated to perform the functions of the Concerned Authority for the purpose of these Regulations (Schedule 1-A) or any other Authority notified by the Government, from time to time.
- 2-41. **“Controller of Buildings (COB)”** means the authorized officer of the Authority to effect implementation of these Regulations in respective circles/areas.
- 2-42. **“COS – Compulsory Open Space”** means that part of a plot which is to be left completely open to sky, over which no structure or any integral part of the building shall be permitted except permissible projections, basement, steps, septic under ground tanks, soak pits, water reservoirs and lines for sewage, water, electricity, gas, telephone etc. or those structures required by civic agencies such as electric sub-station permitted elsewhere in these Regulations.
- 2-43. **“Corner Plot”** means a plot situated at the intersection of two or more streets/roads.
- 2-44. **“Cottage Industry”** includes small and medium size repair shops, handicrafts, and small scale inoffensive non hazardous and non obnoxious production and manufacturing units in areas, specified for such uses.
- 2-45. **“Covered Area”** same as Floor Area Regulation 2-58.

- 2-46. **“Dangerous Building”** means a building or structure, which is declared as structurally unsafe, and/or which is hazardous, as specified in Chapter-7.
- 2-47. **“Depth”** in respect to a building means the measured distance perpendicular from the outermost part of such building at its rear excluding projections as permitted in these Regulations.
- 2-48. **“Detached Building”** means a building not joined to another building on any side by a common wall.
- 2-49. **“Development Permit”** means any general or special permit issued including a permit customarily denominated as a “No Objection Certificate”, “Planning Permit” or other document having the effect of permitting development as defined in these Regulations.
- 2-50. **“Development Plan”** means the plan meant for the development of Gwadar currently adopted by the Government of Balochistan and concerned agencies notified by the Statutory Authority or as revised from time to time.
- 2-51. **“Development Works”** means use of land as per approved plan, design and specifications.
- 2-52. **“Engineer”** means a person currently registered as such under PEC Act 1975.
- 2-53. **“External Wall”** means any outer wall of a building abutting on an external or internal open space on adjoining property lines.
- 2-54. **“Factory”** means a building or part thereof used for manufacture, production or preparation of any article.
- 2-55. **“Fire Escape”** means an exit from a building, for use in the event of fire.
- 2-56. **“Flat”** means as defined in “Apartment” clause No.2-9.
- 2-57. **“Flat Sites”** means plots designated as such for multi-family residential uses.
- 2-58. **“Floor Area”** means horizontal area of floor in a building covered with roof, whether or not enclosed by walls but excluding ancillary covered spaces and projection allowed under these Regulations.
- 2-59. **“Floor Area Ratio”** means the total floor area of a building divided by the area of the plot.
- 2-60. **“Footprint”** means the portion of a plot of land covered, at any level by a building or part thereof other than basement.
- 2-61. **“Government”** means the Government of Balochistan.
- 2-62. **“Ground Floor”** means the floor of any structure built just above the plinth level.
- 2-63. **“Habitable Room”** means a room to be used primarily for human habitation.

- 2-64. “Head Room”** means the clear vertical distance measured between the finished lower level and the underside of lowest obstruction such as ceiling or rafter, whichever is lower.
- 2-65. “Height of a Building”** means the vertical measurement from the highest part of the crown of the road along the length of the plot boundary of such a building, on the side determined to be the front of such plot, to the highest part of the building.
- 2-66. “Height of a Room”** means the vertical distance measured between the finished floor level and under side of the ceiling.
- 2-67. “Hoarding”** means a fence of temporary character erected around a building site on which erection, demolition or repair work is in hand.
- 2-68. “House/Bungalow”** means an independent residential building for the use of people, a family/families having at least one habitable room with a Kitchen, a bath, and a toilet.
- 2-69. “Housing/Dwelling Unit”** means a part or whole of a residential building capable of being used independently for human habitation.
- 2-70. “Industrial Building”** means a building constructed on a plot allotted exclusively for the purpose of industry under these Regulations.
- 2-71. “Inspection Chambers”** means any chamber constructed so as to provide access thereof to for inspection and cleaning.
- 2-72. “Land”** includes the earth, water and air, above, below or on the surface, and any thing attached to the earth and has the meaning assigned to it under clause (a) of section 3 of land Acquisition Act 1894.
- 2-73. “Land Development”** Land Development include the dividing of land into plots, the amalgamation of plots, infrastructure development operations etc.
- 2-74. “Land use Plan”** means a land use plan, approved by, or on behalf of Gwadar Development Authority specified existing or new community or a major area thereof, which may include area standards or other provisions relating to:-
- 2-74.1. the precise location and characteristics of road, other rights of way, and utilities.
 - 2-74.2. the dimensions and grading of plots and the dimensions and sitting of structures.
 - 2-74.3. the precise location and characteristics of permissible types of Development; and
 - 2-74.4. any other planning matters which contribute to the development, renewal, maintenance and use of the area as a whole.
- 2-75. “License”** means permission, granted under these Regulations by the Authority to perform such functions as are allowed under these Regulations.
- 2-76. “Licensee”** means an individual/s or firm who has been duly licensed by the Authority.

- 2-77. **“Licensed Non Professionals”** mean person/s or firm granted license under these regulations, which are not registered with any of the statutory bodies.
- 2-78. **“Light Industry”** means an industry defined as such by the industries Department or as defined in these Regulations.
- 2-79. **“Loft”** means a horizontal slab used only for storage purposes, which shall be allowed in kitchens, baths and store rooms/shops with access from inside only up to 5’-0” clear height between the loft floor and roof height.
- 2-80. **“Master Plan”** means a Development Plan for an area providing short term and long term policy guideline for a systematic and controlled growth in future.
- 2-81. **“Medical Waste”** means such waste or item, which can, or is likely to cause infection, and without prejudice to the generality above, includes needles, operating theatre materials, surgical gloves, bandages, blood, bones and flesh etc.
- 2-82. **“NOC”** means No Objection Certificate as defined in these Regulations.
- 2-83. **“Notification”** means a notification published in the Balochistan Government Gazette.
- 2-84. **“Obnoxious Industries”** include amongst others, brick kilns, coke ovens, salt glazing, sulphur working, making of cellulose lacquer, pitch bitumen, charcoal burning, gut scrapping, tannery, glue making fish meal, soap boiling, tallow making, skin dyeing and those which may be specified as Obnoxious by the Industries Department from time to time.
- 2-85. **“Open Staircase”** means a staircase at least two sides of which are open except for a guard rail or wall of a maximum nominal height of 4ft (1.2m) and which has no roof.
- 2-86. **“Oversee Committee”** means a committee notified under G.D.A. Act 2003 as amended from time to time to oversee the functioning of the Authority.
- 2-87. **“Owner”** means a person or persons holding title to a piece or plot or land/construction thereupon.
- 2-88. **“PEC”** means Pakistan Engineering **Council** established under PEC Act, 1976.
- 2-89. **“Pedestrian Lane”** means thoroughfares intended exclusively for pedestrian traffic.
- 2-90. **“Partition Wall”** means a wall separating adjoining properties.

- 2-91. “Pergola”** means a horizontal structure of grid or trellis, the voids of which must be at least 75 percent of the total area in the plan of the pergola and are open to sky.
- 2-92. “Person”** includes any individual, company or Association of bodies or individuals, whether incorporated or not, or any public agency.
- 2-93. “Place of Public Worship”** means a building designed for the purpose of performance of religious functions.
- 2-94. “Plinth”** means a height of the finished floor level or the ground floor, measured from the top of the finished surface of the road serving the plot, taken from the centre of the property line of the plot along the road. In case of more than one road serving the plot the plinth will be measured from the road providing principal access at the higher level. The height of the plinth shall be limited to 4’-6” except on plots where the natural contours are more than 4’-6” over at least 40% of the plot area as measured from the point at the centre of the property line of the road adjacent to it.
- 2-95. “Prescribed”** means prescribed by these Regulations.
- 2-96. “Professional”** means an individual or firm registered as such under the PCATP ordinance – 1983 and PEC Act-1976.
- 2-97. “Proposed Plans”** means plans submitted for approval in respect of proposed building works and/or land development work.
- 2-98. “Prescribed Form”** means form prescribed for various purposes by the Authority.
- 2-99. “Preservation”** means protection of any building or area from any development, which may destroy or change its character.
- 2-100. “Professional Engineer”** means a person recognized as such under PEC Act and Rules & Regulations framed there under.
- 2-101. “Property Line”** for the purposes of these Regulations means that part of plot boundary which separates private property from the public property or a private property from another private property.
- 2-102. “Proof Engineer”** means registered with Pakistan Engineering Council (PEC) as Consulting Engineer (Structural Design) and with minimum 10 years experience of structural design of building works and whose name is listed on the panel of proof Engineers maintained by the Authority.
- 2-103. “Public Agency”** includes a person or body of persons, autonomous body appointed by or under Authority of the Government or Federal Government and includes Town Councils and Union Councils, as defined in the Balochistan Local Government Ordinance 2001.
- 2-104. “Public Use Building”** means a building designed for public use and includes a dispensary, post office, police Station, Tonga stand, transport stand, town

hall, public library, cultural centre, cinema and such other building which are meant for public use facilities.

- 2-105. “Public Open Space”** mean open spaces including parks, play grounds, waterways, streets, road and lanes and such other places as defined in these Regulations.
- 2-106. “Public Sale Project”** means a project designed with the intention of transferring to public on ownership basis by way of public sale and for which Sale NOC is obtained from the Authority.
- 2-107. “Renewal”** means a renewal of any permission given by the Authority in accordance with the Regulations.
- 2-108. “Residential Building”** means building constructed for residential purposes, e.g. bungalow, town house, flats and such other buildings.
- 2-109. “Regulations”** means Gwadar Building Regulation 2005 and Town Planning Regulations 2004 framed under GDA Act, as amended from time to time.
- 2-110. “Repairs”** means repair work to services, painting, white-washing, plastering, pointing and paving and such other works without change in the approved/completion plan.
- 2-111. “Revised Amended Plan”** means a previously approved drawing/plans re-submitted for approval in accordance with the provisions of these Regulations.
- 2-112. “Road”** means a public access-way, including any land reservation for such public access-way whether public or private.
- 2-113. “Scrutiny Fee”** means fee to be determined and levied as per the provision of the G.D.A. Act 2003, as amended from time to time.
- 2-114. “Society”** means an organization registered as such under the relevant laws and renewable every year with charges.
- 2-115. “Shop”** includes any room or part of a building used, wholly or mainly for the purpose of trade or business but shall not be used for any activity as may cause noise and nuisance in the neighborhood.
- 2-116. “Sub-Division”** means the division of land held under the same ownership in two or more plots.
- 2-117. “Sub-division Plan”** means a layout plan for a proposed Sub-division duly approved by or on behalf of the concerned Authority provided in these Regulations.
- 2-118. “Sun-Shade”** means an outside projection from a building to provide protection from weather, which cannot be converted to habitable space.
- 2-119. “Supervision”** means to oversee and supervise the implementation of approved Architectural/ Town Planning /Engineering design and specifications during the execution of buildings/development works at site.

- 2-120. “Temporary Structure”** means a structure built/constructed purely on temporary basis, wholly within the plot with the approval of the Authority for a specific period of time and which shall be demolished on completion of the project.
- 2-121. “Toilet”** means a space for personal ablution which includes at least one urinal and/or W.C (water closet).
- 2-122. “Total Floor Area”** means the sum of floor areas of all the floors of all the buildings on a plot, unless exemption as permitted in these Regulations.
- 2-123. “Transport Department”** means and includes the provincial transport Department/Authority or the regional transport Authority.
- 2-124. “Ware house”** means a building in which goods are stored.
- 2-125. “Waste”** includes industrial, hospital and municipal waste and sewerage.

CHAPTER 3. PERMITS AND PROCEDURES

3-1 GENERAL

3-1.1 Public Notice

- 3-1.1.1. Public notice, whenever required under these Regulations, shall be given in the following manner:-
- a). They shall be given in the manner A5 size in the leading Newspapers minimum one each (Urdu, Balochi & English).
 - b). By affixing copies thereof display on the site minimum size 3x4 ft. (1x1.2m) on board and prominent AUTHORITY public notice board.
- 3-1.1.2. The notice shall state the place at which, and the officers with whom copies/objections may be filed within a specified time.
- 3-1.1.3. The officer so designated shall consider the suggestions or objection filed or testimony given and submit a report to the relevant Authority as the case may be as defined under these Regulations...
- 3-1.1.4. A copy of the notice shall be submitted to the Concerned Authority which may have referred the matter or under whose jurisdiction the land falls.
- 3-1.1.5. Public notice relating to change of land use shall be issued under the Authority of GDA which conforms to the format prescribed/notified by GDA.

3-1.2. Revoking of Development Permit.

Where a Development permit has been granted, if the Authority which granted it, finds that any of the provisions of these Regulations or any conditions of the development permit have been violated, the Authority may issue an order revoking the permit.

- 3-1.2.1. If the person has misrepresented facts or has suppressed the facts.
- 3-1.2.2. If the person responsible for the violation has not taken the corrective action directed by such Authority within the time specified provided that the Authority has given such person an opportunity to be heard on the matter.

3-1.2 Classifications of Development Works

For purposes of these Regulations all buildings and land development shall be classified as per Table-3.1.

3-1.4 Engagement of Professional

- 3-1.4.1 Every person who intends to carry out building/land development works or to demolish a building to carry out addition/alternation or repairs in a building, shall engage a Professional as mentioned at tables

below to prepare Architecture/Town Planning Engineering Design and Drawing including specification and to supervise their respective works at site.

- 3-1.4.2. The requirement for engagement of Professionals and their Authorization as per clause 3-1.4.1 shall be as given in Table 3.2 and 3.3.

Table 3.1 – Categories of Development Works

| | |
|--------------|--|
| CATEGORY-I | <ul style="list-style-type: none"> - Bungalow on plot up to 120 Sq. yds (100. 33Sq.m) - Any other building on plot up to 120 Sq.yards. (100.33 Sq.m) with height up to 33 ft. (10m) |
| CATEGORY-II | <ul style="list-style-type: none"> - All Bungalows - Any other building with total floor area up to 20,000Sq. ft. (1858 .74 Sq.m) and/or height greater than 50ft. (15.2m) other than category IV. |
| CATEGORY-III | <ul style="list-style-type: none"> - All buildings with total floor area greater than 20,000 Sq.ft. (1858.74Sq.m) and /or height greater than 50 ft. (15.2m) Other than Category IV. |
| CATEGORY-IV | <ul style="list-style-type: none"> - Public use building with total floor area more than 3600 Sq. ft. (336 Sq.m) building for essential facilities, public sale buildings. |
| CATEGORY-V | <ul style="list-style-type: none"> - Land Development works for land with area 2.5 acres (1 hectare) and greater. |

Table 3.2 Procedure for Approval

| S. No. | CATEGORY | PLAN SIGNED BY PROFESSIONAL | APPROVAL GRANTED |
|--------|----------|--|---|
| 1. | I | Building designer or Architect or Professional Engineer (Civil) or Structural Engineer | (One stage) Final Approval |
| 2. | II | Architect and/or Structural Engineer | (One stage) Final Approval |
| 3. | III | Architect and Structural Engineer | (Two stages) Architecture Approval Submission of Structural Design/Drawing for record (and vetting) |
| 4. | IV | Architect and Structural Engineer Plumbing and electrical drawing in public sale building by relevant professional. | (Two stages) Architecture Approval Structural design and drawing duly vetted by Prof Engineer plumbing and electrical drawing duly signed by relevant professional. |
| 5. | V | Town Planner | (One stage) Final Approval |

Architect and Structural Engineer are both required for residential bungalows on more than 400Sq.yds. (336Sq.m) plots.

Permits & procedures Structural vetting by a proof Engineer is required for any building having a height of more than ground plus four floors or 50ft (15.2m) and/or total floor area more than 1,00,000Sq.ft. (9.293.6Sq.m) and or structures of special nature and unusual designs, including shells and folded plate systems, water towers and stack like structures, apart from category C and D buildings.

Table 3.3 Maximum Authorizations of Professionals

| S.No | Professional | Category-I | Category-II | Category-III | Category-IV | Category-V |
|------|-------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 1- | Building Supervisor | Supervision with 2 years experience | Supervision with 10 years experience | ..... | ..... | ..... |
| 2- | Building Designer | Design & Supervision | Supervision | ..... | ..... | ..... |
| 3- | Architect | Architectural Design & Supervision | Architectural Design & Supervision | Architectural Design & Supervision | Architectural Design & Supervision | ..... |
| 4- | Professional Engineer (Civil) | Design & Supervision | Supervision | Supervision with 5 years experience | Supervision with 5 years experience | Supervision |
| 5- | Structural Engineer | Structure Design & Supervision | Structure Design & Supervision | Structure Design & Supervision | Structure Design & Supervision | Structure Design & Supervision |
| 6- | Proof Engineer | ..... | ..... | Structure vetting | Structure vetting | ..... |
| 7- | Town Planner | ..... | ..... | ..... | ..... | Supervision with 10 year experience |

3-1.4.3 The responsibilities of every Professional signing the plan and documents as above shall be limited to his respective discipline.

3-1.4.4 The Professional so engaged shall submit to the Authority in writing on prescribed form (F-1.2) (in case of building works) of his having undertaken to supervise such work.

3-1.5. **Change of Professional**

3-1.5.1. Where a Professional ceases to be incharge of such building works before the same is completed, further execution of such work shall forthwith be suspended by the owner until a fresh appointment is made by the owner.

3-1.5.2 The previous Professional shall immediately inform the Authority of his discontinuance from the works (on prescribed form (F-11) in case of building works).

3-1.5.3 The new Professional/s so engaged shall inform the Authority within 15 days of resuming work. He shall assume full responsibility, as if he were the author, for the correction and competence of all designs prepared by the Professional previously engaged.

3-1.6 Submission on Prescribed Form

Every person who intends to carry out building/land development works under these Regulations shall submit application on relevant prescribed form.

3-2 PERMITS AND PROCEDURES-BUILDING WORKS**3-2.1 Definition of Building Works**

For the purposes of these Regulations, the following activities shall be deemed to involve Building Works, unless expressly excluded by these Regulations:

- 3-2.1.1 Erection of a Structure,
- 3-2.1.2 Demolition of a Structure;
- 3-2.1.3 Addition or alteration to any Structure;
- 3-2.1.4 Demolition, addition or alteration to any preserved structure declared as a structure of historical or architectural significance;
- 3-2.1.5 A reconstruction, alteration of the size, or material change in the external appearance of a structure.

3-2.2. Submission of Plans for Approval

The Owner shall submit to the Authority:

- 3-2.2.1 Two sets of all documents relating to the plot together with a letter from the Concerned Authority Confirming the title/land use physically fresh demarcated/dimensions of the plot along with the existence of any road widening/cut line reservation.
- 3-2.2.2 In case of form (F-1) for proposed plan, initially three sets and finally Six sets of drawings for category I & II of buildings at the time of submission, duly signed by the owner and duly signed and stamped by the relevant Professional. The drawings, should show Plans, Sections and Elevations together with other necessary details pertaining to Structural, Electrical, Mechanical etc. detail and covered area etc. of every floor, including basement, of the building intended to be erected, along-with a block plan of the site, drawn to a scale of not less than 1:500 (1"=40'), showing the position of proposed building and existing building if any; the width and levels if necessary, of the streets on which the plot abuts: and the survey number or the numbers of the adjoining plot or plots, if any, together with the cardinal points; which shall be drawn to a scale of not less than 1:100 (1"=8') if the building is so extensive as to make a smaller scale necessary, it may be drawn to a smaller scale but not less than 1:200 (1"=16'). Such plans and sections shall show the purpose for which the building or parts thereof are intended to be used; the access to and from the several parts of the building;

3-2.2.3 In Case of Category III and Category IV buildings

- a) Initially three sets and finally Six sets of architectural working/Construction drawing/plans, at the time of initial submission, by the owner and duly signed and stamped by the relevant Professionals. The drawings should show plans, Sections and Elevations of every floor, including basement, of the building intended to be erected, which shall be drawn to a scale of not less

than 1:100 (1"=8') if the building is so extensive as to make a smaller scale necessary, it may be drawn to a smaller scale but not less than 1:200 (1"=16'). Such plans and sections shall show the purpose for which the building or parts thereof are intended to be used; the access to and from the several parts of the building; the position, dimensions, means of ventilation, the proposed height of the plinth and superstructure at the level of each floor, together with the dimensions and descriptions of all the walls, floors, roofs, staircases and elevator, etc. if any. After architectural approval six sets of structural working drawings and two sets of structural calculations shall be submitted for record duly signed by the owner and stamped by Architect and Structural Engineer respectively, 2 sets of design and working drawings for, plumbing and electric work shall be submitted for record purposes duly signed and stamped by the concerned professional.

- b) Structural vetting by a Proof Engineer is required for any building as per table 3.2. the owner / architect will get it vetted by a registered Proof Engineer (enlisted with the Authority). The architect should submit two copies of the calculations and five sets of structural drawings along with the approved concept plan two copies of vetting Proforma (STP-1 & STP-2), one copy of soil test report duly signed by the owner, structural design engineer and architect. The proof engineer will return the same to the architect after doing the proper vetting after minimum of 10 days for onward transmission to the structure section of the authority duly signed and with recommendation for the approval structural clearance. The structure section based on the proof engineer's recommendations will issue an N.O.C of Structural drawings and copies of relevant documents to the concerned zone with seven days of receipt for further processing of the case. The proof engineer will be equally responsible in case there is any error in design drawing and/or calculations, which may result in a problem in the said building.
- c) The Soil investigation is to be carried out by a licensed Geotechnical firm.
- d) Two sets of complete soil investigation report including the following signed and stamped by a licensed soil engineer.
 - (i) A minimum of two bore logs up to 30ft.(9m) minimum or as per requirements of the Structural Engineer,
 - (ii) Bore hole location plan
 - (iii) Recommendation for bearing capacity, and type of foundation
 - (iv) All necessary laboratory tests and reports
 - (v) Recommendations of the Soil Consultant for the type of cement to be used below ground level
 - (vi) De-watering scheme for sub-soil water if required

3-2.3 Corrections on Plan

No corrections or overwriting shall be permitted on plans submitted for approval.

3-2.4 Alteration of Design

In private residential buildings deviation from the approved building plan shall be allowed (provided it does not violate these regulations) during the construction stage at the responsibility of the concerned licensed / registered professionals. Such deviations shall be regularized on completion of the construction on payment of the requisite composition fee.

Deviations in internal layouts of non-saleable public use buildings shall be allowed (provided they do not violate these regulations) during construction stage at the responsibility of the licensed / registered professionals for non-sale public use buildings. Such deviations shall be regularized on completion of construction on payment of the requisite composition fee. No structural deviation or deviations in the external envelope of the building shall be permitted. The owner shall be required to submit a revised plan for approval before proceeding with the construction of such structural or external envelope changes.

3-2.6. Revision/ Amendment of a Plan

In public sale buildings deviation in internal layouts shall not be allowed during the construction stage. No structural deviation or deviations in the external envelop of the building shall be permitted. The owner shall be required to submit a revised plan for approval before proceeding with the construction of such structural or external envelope changes.

3-2.6 Period of Approval

3-2.6.1 After the receipt of an application for permission to carry out building works, the Authority Shall:

- a) Pass orders granting permission to carry out such building works within 60 calendar days
- b) In the case of refusal/objections, issue the consolidated objections/observations, specifying the provisions of the Regulations to the Professionals within 30 days.

3-2.6.2 If no order is passed on an application within 60 calendar days of its receipt, it shall be deemed to have been sanctioned to the extent to which it does not contravene the provisions of these Regulations or the Master Plan or sanctioned Site Development Scheme, if any, and after giving notice to the Authority, the person may proceed to carry out the said building works at any time within one (1) year starting from the date of submission provided the title of land is clear from all disputes and objections. Except in the case of building, which fall in category-III and IV of table 3.1.

3-2.7 Evidence of Permission

Whenever under any of these Regulations, the doing or the omitting to do a thing, or the validity of anything, depends upon the sanction, permission, approval, order, direction, requisition, notice or satisfaction of the Authority, a written document (F-5) / (F-6) along with the relevant set of drawings as required in Table 3.2 signed by the Authority or any officer duly authorized,

purporting to convey or set forth such sanction, permission approval, order direction requisition, notice shall be sufficient prima facie evidence thereof. One complete approved set of drawings shall be made available on the site/ in the office of the developer for prospective buyer.

3-2.8 Cancellation of Permission and Right of Appeal

If at any time after permission to carry out building works has been granted and the Authority is satisfied that such permission was granted in consequence of any defective title of the applicant, material misrepresentation, or fraudulent statement contained in the application made under these Regulations, or in any change in the approved drawings not consistent with those in the approved drawings not consistent with the regulations in respect of such building, such permission may be cancelled if the professional/ owner fails to satisfy the Authority within 15 days having been served a show cause notice by the Authority and any work done there under shall be deemed to have been done without permission ab initio provided that the applicant shall have a right of appeal to Authority which shall be heard and decided by a committee under the governorship of COB of the Authority or his nominee who shall not be less than a B-19 officer within fifteen days of the order of cancellation.

3-2.9 Compliance of Conditions of Approval

Every person who carries out building works or demolition works shall comply with the directions and conditions accompanying the sanction given by the authority as per these regulations

3-2.10 Notice of Verification of Building Lines (Plinth verification)

Every person who commences any building work except Category I under these Regulation, upon completion of plinth and in the case of basements., upon the completion of foundations shall give notice to the Authority on prescribed form (F-7), and shall not proceed further with the work for a period of 15 days from the date of receipt by the Authority of such notice, to enable the Authority to verify the building lines. The Authority shall intimate within the aforesaid period, to the owner or his representative, approval of verification or building line or of any error, which may be found in the building line, on prescribed form (F-9). Verification of the building lines by the Authority in no way implies the acceptance of the title, location of the land, which is the sole responsibility of the applicant/owner, will be entitled to proceed with the building works after giving notice to the Authority provided the construction is in accordance with the approved building plan.

3-2.11. Floor Certificate

For category “III” and category “IV” buildings, the owner and Professionals shall submit to the Authority floor certificate Form (F-8) casting of slab of each floor, are in conformity with the design and specifications as approved by the Authority. If the owner /professionals fail to submit the floor certificate the authority may stop the further construction work.

3-2.12 Inspection of Buildings

The Authority may inspect the premises without giving prior notice;

3-2.12.1 At any time, before the approval of an application received under these Regulations

- 3-2.12.2 At any time, during the Progress of the Building.
- 3-2.12.3 Within 20 days from the receipt of the notice of completion or the occupancy certificate (F-13) with respect to any such building;
- 3-2.12.4 If no notice of completion or occupancy certificate (F-13) has been received, at any time after the building has been erected, added to or altered;
- 3-2.12.5 The authorized officer of vigilance section of the Authority will have the right to inspect that proper record of pouring of all the Structural members is maintained at site along with the test results of 7 days and 28 days of cube/cylinder test of concrete and yield strength of steel for category III & IV types of building.
- 3-2.12.6 The authorized officer of vigilance section of the Authority shall inspect the buildings to confirm whether the approved specifications are being followed and if otherwise notified in writing giving full details specifying the deviation / defect, where these occur with identification of the location.

3-2.13 Building Works to conform to Approved Plan

- 3-2.13.1 If on making any inspection under these Regulations the Authority finds that the building works are:
- a) not in accordance with the plans that have been approved, other than alterations as are allowable under these Regulations; or
 - b) Contravene any of the provisions of the existing Regulations or any statute, it may, by written notice (F-9), require the person and the Professional carrying out building works within the period to be specified in such notice, with the object of bringing the works in conformity with the said plan, approved specification, or provision of these Regulations, to get amended plans approved after complying with the requirements of these Regulations. In the case of Category “D” Building, the notice will be issued after personal inspection by at least by a Director of Buildings and Town Planning Directorate.
- 3-2.13.2 In the event of non-compliance with the Regulations made under Clause 3-2.13.1 above, the Authority shall have power to order cessation of work/sealing of the premises or order immediate demolition of that much of the construction which contravenes any of the provisions of these Regulations and the expenses thereof shall be realized from the owner or by sale recovered items after demolition or both.

3-2.14. Rectification of works after Inspection and Appeal.

- 3-2.14.1 if there is evidence that in carrying out of building works any construction has been done contrary to any provision of these Regulations and relevant statutes, or that any thing required under these Regulations is omitted and if, on inspection of such building, it is found that the building work has been completed or has advanced to in extent which could not be permitted or

allowed under the provision of these Regulations, the Authority, may by written notice (F-9) require the owner/person who has/have carried out the building works to drill out, to cut into, or pull down so much building as is beyond the permissible limits as provided in these Regulations.

- 3-2.14.2 if on appeal, the appellant authority, which in the first instance shall be the Deputy Director Buildings Control Section of the concerned zone, finds that in the carrying out of such building works nothing had been or partially has been done in carrying out the building works contrary to these Regulations or which are also not allowable under these Regulations or statute, he shall either withdraw the notice or shall pass partial revised orders for any, or required action as given under Clause 3-2.14.1 such decision shall be conveyed to the appellant within 15 days of the receipt of such an appeal

If the appellant is dissatisfied with decision of the first appellate officer, he may, within 30 days of the receipt of the decision of his first appeal may refer his review petition to Director of Building Control Section for decision who shall review the case

- 3-2.14.3 Where a person erected or commenced to erect or re-erect a building without submitting it to the concerned authority building plan for sanction then not with-standing and in addition to any other action that the concerned authority may take under the relevant statutes and these regulations, the concerned authority within such time as specified in the notice, building plans in accordance with these regulations showing the buildings so erected or re-erected or proposed to be re-erected for the authority's approval. The authority shall accord approval after levying a composite fee in addition to the scrutiny fee if the building is constructed as per these regulations.

3-2.15. Notice of Completion

- 3-2.15.1. Every person who carries out and completes building works fully or partially approved under these Regulations shall within one month of the completion of the work deliver to the Authority at its office, in writing the following documents:

- a). Notice of completion /occupancy on the prescribed form (F-13) duly signed by the relevant professional together with certificate or certificates as the case may be.
- b). A Completion Plan showing the building exactly as completed.

- 3-15.2. In case building work is completed in all respect but the utility services are not provided by the agencies despite the payment of estimate by the developer / owner in public sale buildings / projects, in such cases the completion certificate / occupancy certificate of services.
The completion / occupancy certificate will automatically be deemed, as soon as the connection of utilities by utility agencies.

- 3-2.15.3. No person shall occupy or permit to occupy any such land or building, or use, or permit to use, any part affected by the erection or re-erection of such building, until the permission referred to in Clause 3-2.15.2. has been granted.

3-2.16. Partial Completion.

The Authority may, upon completion of the structure as permitted by the approved plan, give an Occupancy / Completion Certificate for part of the building which is a complete section / unit of a project and which can be occupied without inconvenience or hazard of any kind to the occupants of the said unit, or to the visitors or users of the same and does not interfere with the construction of the rest of the buildings. Wherever such Partial Occupancy Certificate is issued to owner / Professional shall also be required to take all safety measures for the users, occupiers and visitors. In addition, they shall be required to take such measures as the Authority may at its discretion require ensuring adequate safety of the occupiers, visitors and users of the building or part thereof. Subject to the condition that in case of public sale project the condition as enumerated in clause No. 5-2.22 shall be complied with.

3-2.17. Refusal to issue Occupancy Certificate

The Authority may refuse an application to issue an Occupancy Certificate, if the proposed or completed building contravenes or is in any manner inconsistent with any building or zoning regulations or restrictions, and give direction, with specific reason under the relevant statutes or the Regulations.

3-2.18. Permit to Demolish Buildings.

No Building may be demolished without written permission from the Authority on a prescribed form (F-16) No permit to demolish will be issued unless the Authority is assured by the applicant through an undertaking that the electricity, gas, water, sewerage or other utility services connections to the building or portion to be demolished shall be effectively cut off or relocated and such connections shall remain cut off/ relocated during the period of the work in case of any adverse eventuality the owner / contractor shall be fully responsible.

All applications for a permit to demolish a building shall be made on appropriate form (F-15) and permission to demolish by the Authority shall be issued on appropriate form (F-16).

3-2.19. Insurance

Contractor / building developers/owner will cover all the damage to life and property including third parties by Contractor's All Risk Insurance Policy.

CHAPTER 4-LICENSING / REGISTRATION OF PROFESSIONALS.

4-1. Qualification.

The following tables list the requisite qualification for various categories of Professionals and Firms.

4-1.1 Qualifications of the professionals:

| | |
|--|---|
| Architect (Necessary) | <ul style="list-style-type: none"> • A person recognized as such under PCATP Ordinance-ix of 1983 and Rules & Regulations framed there under. (5 years degree in Architecture) |
| Building Supervisor Category "I" Category "II" Category "III" | <ul style="list-style-type: none"> • Three years diploma in Civil Engineering or Architecture plus minimum two years experience in Building Construction. • Three years diploma in Civil Engineering or Architecture plus minimum five years experience in Building Construction. • Three years diploma in Civil Engineering or Architecture plus minimum ten years experience in Building Construction. |
| Professional Engineer (Civil) | A person recognized as such under PEC Act and Rules& Regulations framed there under. (4 year degree in civil engineering) |
| Proof Engineer | A person registered with Pakistan Engineering Council (PEC) as Professional Engineer (Civil) and enlisted by the Authority as per clause 4-2(Master in Civil Engineering) |
| Structural Engineer | A professional Civil Engineer recognized as Consulting Engineer under PEC Act.(Master in Structural Engineering) |
| Town Planner | A person recognized as such by PCATP. Ordinance ix of 1983 and Rules & Regulations framed there under.(M |

4-1.2 Qualification/entitlement of firms (as per regulations of PEC).

Constructors registered with the PEC will be registered as Builders by the Authority on production of their PEC registration certificates and the payment of a fee determined and revised by the Overseer Committee and approved by the Authority.

| Type of Laboratory | Qualification | Entitlement |
|------------------------------------|---|---|
| Geotechnical Laboratory | <ul style="list-style-type: none"> ▪ Fully equipped laboratory having technical staff as follows: ▪ Geo-tech Consultant, registered with PEC as Consultant (Geology or Soil Science). ▪ List of all Soil Testing equipment required | <ul style="list-style-type: none"> ▪ Soil Testing and recommendations for foundations for all types of Buildings and Projects. |
| Material Testing Laboratory | <ul style="list-style-type: none"> ▪ Fully equipped laboratory having technical staff as follows: - Registered as Professional Engineer (Civil) with PEC minimum five years experience in field and technical paper /article on material / soil testing. - Material / Soil Engineer (B.E Civil registered as Professional Engineer (B.E Civil) with PEC and with minimum five years of experience. - List of all Material Testing equipment required. | <ul style="list-style-type: none"> ▪ Material testing of all Buildings and Projects |

4-2. Manner of Grant of License (Fees applicable)

- 2-2.1 Any person and /or firm who hold the qualifications and experience laid down in these Regulations may apply on a prescribed Form to the Authority for license.
- 4-2.2 The qualifications and experience required for license in a particular category wherever required in these Regulations.
- 4-2.3 When an application for the grant for license has been approved by the Licensing Committee, the applicant will be informed accordingly and will be required to deposit the license fee (Schedule 4A).

4-4 Functions of the Licensing Committee

- 4-4.1 The Committee shall decide the case in the light of these Regulations it shall also hear the appeals against-rejection of licenses.
- 4-4.2 The Committee shall interview the applicants for grant of license.
- 4-4.3. The Committee, before approving or rejecting an application, shall also see besides prescribed qualifications and experience, the capability of the applicant.
- 4-4.4 The Committee at the time of interview for grant of license shall inspect the original documents submitted and may;
- 4-4.5 Grant the license or
- 4.4.6 Reject the application, specifying the reasons thereof.

4-5. Registration & Cancellation of Registration

- 4-5.1 when an application for a license has been approved by the Committee, the license shall be issued to the applicant.

- 4-5.2. No person shall practice in Gwadar Tehsil who is not licensed by the Authority except the professionals registered with Pakistan Council of Architect, Town Planner (PCATP) and Pakistan Engineering Council (PEC) as Architect, Town Planner and Engineers. The professional employed in public sector shall not be allowed to practice except for the works of their concerned department.
- 4-5.3 Professionals and or constructors registered / enlisted with the PCATP/PEC will be registered by the Authority on production of their PCATP/PEC registration / enlistment certificates duly revalidated. However Authority shall have the power to de-register professionals firms and builders (Architect, Town Planners, Engineers, Developers) in case of misconduct.
- 4-6 Validity period of License**
The license granted under these Regulations shall be valid for a calendar year ending on 31st December.
- 4-7. License & Renewal Fees**
- 4-7.1 the applicant of a fresh license granted under these Regulations shall pay the fee as prescribed by the Authority. Any fee paid to the Authority shall not be refundable.
- 4-7.2. The application for renewal of license that has been granted under these Regulations accompanied by such fee as prescribed in Schedule 4A shall be made to the Authority on prescribed Form.
- 4-7.3 If the application for renewal of license has not been submitted within the allowed time additional fee shall be charged in addition to usual fee as prescribed.
- 4-8 Revocation of License**
Without prejudice to any other action that may be authorized under the G.D.A. Act 2003 or the rules framed there under the Authority may revoke or suspend the license of a Licensee/firm etc. after issuance of show cause notice and if the licensee fails to satisfy the Authority in respect of the violation of these regulations as allegedly committed by him from the Authority.
- 4-9** The period of limitation for filing such appeal under these regulations shall be 90 days from the date of receipt of show cause for such grievances.
- 4-10. Reasons for cancellations/suspension of License**
- 4-10.1 The licensee disobeys or fails to comply with any Regulations or directions issued by the Authority from time to time or any rule framed under the Ordinance amended up-to-date and the provisions of these Regulations.
- 4-10.2 The licensee in case of individual or in case of registered company, its directors/partners, shall personally and severally be held responsible for the breach of any provision of the Act amended up-to-date, and rules and regulation framed there under.

- 4-10.3 The licensee executes and supervises any unauthorized work or any work which is being raised in the absence of a Development permit, or is not in accordance with the specifications, plans, design and drawings approved by the Authority except with allowable variations as given in these Regulations and allowed under Architecture/ Engineering codes.
- 4-10.4 The licensee disturbs, defies or breaks the discipline of any office of the Authority.
- 4-10.5 The licensee willfully obstructs the officer of the Authority in carrying out their duties fails to provide facilities for inspecting the building/Site and refuses to furnish the required information from time to time.
- 4-10.6 The licensee fails to comply with these Regulations.
- 4-10.7. The licensee willfully misrepresents any fact or makes any false statement to the Authority or suppresses information of any material fact relating to the work for which he has been engaged.

4-11. Period of Suspension

The License of the Licensee shall be suspended until the rectification of the cause of suspension or for maximum period as given below:

- 4-11.1 First time Suspension Six months
- 4-11.2 Second time suspension one Year
- 4-11.3. In case the licensee violates the terms and conditions as per these Regulations for the third time the license shall stand cancelled.

Schedule 4A REGISTRATION /LICENSING FEES

These fees may be revised subject to the approval of Authority formed under Act.

Table 1. Fees for Registration /renewal of Builder /Developer Registration

| | | |
|------|---|----------------------------------|
| i. | Fees firm Builder Registration | Rs. 1,00,000/- |
| ii. | Renewal of Builder/Developers Registration | 20% of the fees for registration |
| iii. | Restoration fees for Builders/Developers registration | Original Fee |

Note: If License /registration were not renewed for three consecutive months then the license shall be deemed to be cancelled and new application would be required.

Table 2. Fees for grant/renewal of license Technical Firms (Soil/material testing laboratories)

| | | |
|------|-------------------------------------|----------------------------------|
| i. | Fees grant license to firm | Rs. 25,000/- |
| ii. | Renewal of firm's license | 25% of fees for granting license |
| iii. | Restoration fees for firm's license | Original license fee |

Note: If license is not renewed for three consecutive months then the license shall be deemed to be cancelled and new application would be required.

Schedule 4A REGISTRATION /LICENSING FEES cont/2

Table 3. Fees for registration /renewal of professional Registration.

| | | |
|------|----------------------------|--------------|
| i. | License /Registration fees | Rs. 10,000/- |
| ii. | Renewal Fees | Rs. 10,000/- |
| iii. | Restoration fees | Rs. 25,000/- |

Note: If registration is not renewed for three consecutive years, then it shall be deemed to be cancelled and new registration / licensing would be required

CHAPTER 5- PUBLIC SALE PROJECTS.

5-1. No Objection Certificates For Sale Of Units In Buildings

All Buildings having 3 or more units (Residential, Commercial, Amenities) to be constructed for onward transfer of titles in piece meal (in the form of sub lease etc.) are bound to obtain N.O.C. for sale from the Authority in accordance with these regulations

5-1.1. Application for NOC.

A Builder applying for NOC to the Authority shall furnish the required Documents and particulars in Form (P.F.S-1) as appended to Regulations, duly signed by all concerned.

5-1.2. Contractor All Risk Insurance Policy

The Builder shall also submit Contractor All Risk (“CAR” Insurance Policy) from the insurance Companies approved by Authority in respect of the project. The said policy shall also cover the losses arising from the defects in design or due to earthquake and shall be valid up to 12 month of maintenance period after issuance of Occupancy Certificate or Physical handing over of possession, whichever is later.

5-1.3. Undertaking of the Developer/Builder/Professional.

The Builder, his builder and his Architect/Engineers shall submit undertaking along with the Form (P.F.S-1) the under taking of the Builder shall be on stamp paper in accordance with format specified in form P.F.S-1, (Annexure (I) while the builder shall submit undertaking in accordance with the format specified in Form P.F.S-1 (Annexure (II)).

The undertaking of Architect/Engineer shall be in accordance with format as provided in (F-1.1) form.

5-1.4 Determination of Price and /cost Estimate.

A Builder shall submit the Selling Price of various units for registration purpose with detailed specification and work program for the project specified in Form P.F.S-1 Annexure 3 & 4 respectively.

This price shall be quoted in all the advertisement and promotion literature published by the Builder, no escalation in the cost shall be allowed except where inflation (as defined by the Ministry of Finance) is about double digit for particular year in such case excess over the double digit shall be the percentage of price increase. No escalation cost shall be granted to the developer who has failed to complete the project in time.

5-1.5. Fee for NOC

A Builder shall pay to the Authority a fee for the “NO OBJECTION CERTIFICATE FOR SALE” as per provision of the Act. Authority to publish a Notice on the salient features of each public sale project (name of project, address, builder, office address architect/engineers, number of floors no. and sizes of shops, flats/offices, compulsory open spaces, date of completion model agreement etc.) within seven days of issuance of “NOC for Sale”.

5-1.6. Security Deposit.

5-1.6.1. The Builder shall deposit A security, in the form of bank guarantee or an insurance guarantee (from an insurance company rated by SECP with the authority equaling) to 2% of the cost of the project with the Authority to be held in a separate account which shall be utilized as defined in Clause 5-1.6.3. In addition, in case of delay in completion of the project, where such delay has not been condoned as per clause 5-1.18, deduction from the security shall be made in proportion to the extent of the delay. This amount or lesser amount shall be refunded in the successful completion of the project and after obtaining the Occupancy/Completion Certificate and the expiry of the maintenance period as enunciated in NOC granted by the Authority.

5-1.6.2 The 2% security deposit will be paid in four (4) equal installments as under:-

- i). At the time of collection of the NOC for sale.
- ii). On the approval but before collection of plinth certificate.
- iii.) On the completion of the casing of roof slab/building or the commencement of internal plaster, whichever is earlier?
- iv.) On the commencement of the internal development works of the project.

5-1.6.3. Authority shall have the right to utilize the Security Deposit to remedy any fault/defect in the construction of the building after receiving complaints /notice and if the Builder fails to rectify the same by himself or violation of any condition of the NOC granted by the Authority that come to light at the time of the completion of the project or in case the builder/developer fails to comply with any of the following:-

- a) To construct the building in accordance with the design specifications agreed with the purchaser and approved by the Authority;
- b) To complete the building on time as per terms of agreement with the purchaser and /or as provided in these Regulations or Act amended up-to-date;
- c) To provide services as per agreement with purchaser;
- d) To obtain Occupancy Certificate from the Authority;
- e) If Builder is found to be indulging in or involved in any unlawful activities pertaining to the project;
- f) To rectify any defect after occupation, if the Builder fails to act, as per Clause 5-1.6.4, (provided the Authority is satisfied that the Builder is at fault) and that such a matter has not arisen

due to misuse, mischief of the allottees and is subject to normal wear & tear.

- 5-1.6.4 Any such defect or violation shall have to be made good by the Builder at their own cost and risk and the cash security deposit, shall not absolve the Builder/developer of his responsibility to the project as per condition of NOC and the agreement made with the allottee or as enunciated in clause No. 5-17.4.
- 5-1.6.5 this security deposit shall not, in any way, prejudices the Authority's rights under these Regulations to initiate any other proceedings or action in the event of violation of any of these Regulations.
- 5-16.6. The deposit shall be released to the Builder after one year of obtaining Occupancy Certificate but after meeting all Builder's liabilities as cleared by the Authority defined in Clause 5-1.27

5-1.7. Application Form for Allotment.

After the receipt of No Objection Certificate from the Authority the Builder shall get filled an application form specified as Form P.F.S-1 (Annexure 5) from a person intending to book a unit in the project.

5-1.8. Execution of Sub-lease

A unit shall be offered for sale on cash/cash-cum-loan basis as per Schedule of Payment described in Form P.F.S-1 Annexure 5 Sub lease shall be executed as per sale and allotment conditions, in favor of allottee, before delivering the possession of the unit. The allottee shall own the building structure of his unit and shall proportionately share the price/rent of land of the unit with other allottees of the project.

5-1.9. Confirmation of Allotment

The allocation of the unit shall be confirmed by the Builder through an allotment letter to the allottees as specified in Form P-F-S-1 Annexure 7 within 15 days of booking. The allotment letter shall specify the unit number, floor, area of the unit, general facilities fittings and fixtures with their make and material, the total price of the unit and details of other charges together with the key plan of unit in line with key plan approved by the Authority at the time of NOC.

5-1.10. Agreement with Allottee

Within 15 days of the issuance of allotment letter and before calling other installments in respect of the unit the Builder shall in pursuance of Building Regulations, execute an Agreement with the allottees as specified in form (P.F.S-3).

5-1.11. Payment of Installment

5-1.11.1 The payment of installments shall be made by the allottees strictly according to the Schedule of Payment (Form DNP-1 Annexure 6) attached to the agreement. In case of failure a 15 days notice shall be issued by Registered A/D or registered courier services on the last given address and if the allottees fails to make payment within the above period, another notice shall be issued by the Builder extending the period up to another 30 days. In case of further failure, a

cancellation letter shall be issued to the allottee, a copy of which shall be endorsed to the Authority. The Builder shall not rebook the cancelled unit within 30 days of receipt of copy of cancellation letter by the Authority; provided that Builder shall publish the cancellation notice in the weekend addition of two leading news papers (English, Balochi & Urdu) in the classified advertisement section in a bold format under the heading of cancellation of flat/unit.

- 5-1.11.2 In response to the above cancellation notice, if the allottee intends to continue the booking the Builder shall restore the allotment, after receipt of pending payment and charging the unpaid installment.
- 5-1.11.3 If no response to Authority is received from the allottee during the said period; the cancellation of the unit shall be confirmed automatically. In case the cancellation is made before allocation, the Builder shall refund the total amount paid till that time by the allottee within 30 days. However, after allotment of unit 4% of the amount paid that far shall be retained by the Builder, and the rest of the amount shall be refunded within 30 days.
- 5-1.11.4 In spite of failure to make payment of installments in time, if the Builder does not resort to cancellation as provided in these Regulations, the Builder may or may not charge markup on the unpaid installments at the prevailing bank rate and the allottee shall be informed accordingly.

5-1.12. Loan Component.

- 5-1.12.1. The Builder may arrange the availability of loan, if the project proposed contains a loan component as mentioned in the Schedule of Payment (Form P.F.S-1 Annexure 6)
If the loan is refused or reduced due to any reason whatsoever by the loan giving agency the allottee shall pay the loan amount from his own resources. However extra time of at-least six months shall be given to allottee to pay the loan component to the Builder.
- 5-1.12.2. The allottee must complete all documentation for lease and loan within 120 days of booking as written in the agreement and a reminder shall be issued by the Builder. The repayment of the loan installments shall be made by the allottee/borrower to the loaning agency as and when it falls due as per rules of the relevant agency. The allottee / borrower will abide by the arrangements of loan and will follow rules and regulations and orders and instructions of the loaning agency.

5-1.13. Documentation Connection & Meter Charges.

Documentation charges for sub-lease and loan, and external services connection charges for gas, electricity, sewerage and water shall be paid in proportion to the unit area in accordance with the actual payment made to these agencies plus 15% as service charges for their respective services. This amount should be paid at the time of deposit of challan. In case any allottee fails to make this payment he shall pay mark up on the amount at the prevailing Bank rate.

5-1.14. Minor Changes.

The building shall be constructed by the Builder strictly according to the approved building plans and specifications. However minor changes, if any, within the unit in plan or specification may be made by mutual arrangement between Builder and allottee subject to the conditions that these does not contravene any of the Regulation and provided that such changes do not effect the structure of the building and do not usurp the right of the other allottees.

5-1.15. Clearance of Dues for Execution of Sub-lease.

The sub-lease of the unit shall be executed in favor of the allottee before handing over the possession of the unit, provided the allottee has made payment of outstanding amount up to that time.

5-1.16. Timely Completion of the Project.

The developer shall maintain steady progress of work irrespective of the situation of payment by the individual allottees and availability of loan by the loan giving agency. The Builder shall, if needed fulfill the obligation of the timely completion of the project by arranging the deficit finances from his own resources. The Builder shall inform the allottees every three months regarding progress of the project.

5-1.17. Withdrawal of allotment.

The allottee if he/she so wishes can withdraw his/her allotment of the unit by surrendering the original letter of allocation /allotment to the company and in this event the Builder will refund to the allottee the amount deposited till that time. In case the cancellation is made before allotment the Builder shall refund total amount paid by the allottee till cancellation within 30 days. However, after the allotment of unit 4% of the amount paid that far, for the unit, shall be retained by the Builder and the rest of the amount shall be refunded within 30 days.

5-1.18. Extension in Date of Completion.

Extension in Date of Completion shall be allowed to a developer, if he produces documentary proof that more than 50% of his client have defaulted in payments of 2 or more installments for over 6 months period the developer shall also submit consent of at-least 50% of the allottees while applying for the extension in time prescribed in form P.F.S-1 Annexure 5.

5-1.19. Sublet & Transfers of Allotment.

The allottee can sub-let, transfer or sell his unit to any one, with prior written permission of the Builder/Developer, who shall allow transfer on receipt of all outstanding dues up to that time and transfer fee of

0.5% of total price of unit. However, no transfer fees shall be charged in case, the transfer is made within 3 months of allotment.

5-1.20. Physical Possession and care-taking charges.

5-1.20.1. The Builder shall, after obtaining occupancy Certificate from the Authority, which shall include the provision of electricity, gas, water and sewerage services, issue intimation letters to the allottees. The allottee shall take over possession of the unit within 30 days of receipt of such letter from the builder. In case of delay the Builder shall charge per month as specified in the agreement from the allottee for taking care of the unit in good condition.

5-1.20.2. In case of occupancy/completion certificate is issued by the Authority on the basis of clause No. 3-2.15.3. The operation and maintenance of generator will be in a manner that 30% will be borne by the builder and 60% by the occupied units and 10% by the unoccupied units. This arrangement is ceased after the commissioning of the utilities by the agencies.

5-1.21. Delay in completion and Compensation for Period of Delay.

The Builder/Developer shall complete the project and hand over physical possession of the unit complete in all respect to the allottee by the time specified by the Authority, in case of delay in handing over possession the Builder shall pay mark-up to the allottee at the rate of prevailing Bank rate on the total amount paid, for the period of delay calculated from the completion time specified by the Authority or extension made thereof.

5-1.22. Abandonment of the Project.

If for any reason, the project is abandoned by the Builder, the Builder will refund the total amount received from the purchaser with mark up at the prevailing Bank rate on the same, for the whole period of retention of the money, along with an additional compensatory amount equal to 10% of the amount received from the allottee up-to date against the booked unit, within 60 days of the announcement to the effect of the abandonment of the project.

5-1.23. Defect liability.

The Builder shall assume defect liability of the unit for a period of 12 months in respect of structure and six months in respect of fixture from the date of offering possession of the unit after obtaining Occupancy Certificate, and all defects shall be rectified to the satisfaction of the as per provisions of the G.D.A. Act 2003 / Building Regulations amended as amended from time to time.

5-1.24. Sale or Transfer of the Project.

No Builder shall sell or transfer the whole project to any one for sale, or transfer the units of the project to the general public, unless prior intimation to the Authority is given and No Objection from the 2/3rd majority of the allottees is obtained. The new Builder shall assume all responsibility and liabilities of the agreement made between outgoing Builder and allottee, in addition the new builder/developer must get

the previous NOC issued by the Authority revised/revalidated in his favor.

5-1.25. Formation of Association & Maintenance of Utilities.

The maintenance of the services and amenities at the project will be finally looked after by the allottees that would form an Association to handle the affairs of the project. The rights of easement, appurtenances and other common rights shall be transferred to such Association/Society especially the cleanliness outside the project, should be up to the meridian of the road.

5-1.26. Settlement of Disputes.

All disputes of the Builder/Developer and allottees shall be referred to the Authority. Any appeal against the decision made by the authorized officer of the Authority may be filed before the Director General and thereafter any further appeal shall be made to an Appeal Committee consisting of the *Chief Executive* of the Authority, Chairman PEC or his representative of Association of Builders & Developers (ABAD) and the representative of concerned Authority. The decision of this committee shall be final and irrevocable.

5-1.27. Instructions of the Authority.

Besides the above Regulations, the orders and instructions of the Authority in accordance with these Regulations issued from time to time in this regard shall be followed strictly.

CHAPTER -6 DANGEROUS BUILDINGS

6-1 General.

For the purposes of this chapter all such buildings, walls or structures which are declared by the Technical Committee on Dangerous Buildings as dangerous shall lie in the following two categories

- 6-1.1 Any Building or structure whose strength, stability, serviceability, robustness and / or durability has been impaired due to any reason such as improper structural design and detailing, faulty and/or poor construction, decay dilapidation, obsolescence, natural disasters or leading to abandonment due to all these reasons to a level, where it cannot be restored to its original status, shall classify as dangerous building category-1, and shall be liable to be demolished.
- 6-1.2 Any building or structure or part thereof whose strength, stability, robustness, serviceability and / or durability has been impaired due to all such reasons as cited in 6-1.1 to a level, where it could by way of strengthening, re strengthening,, appraisal and restoration be brought partially or wholly near to its original status, shall be classified as Dangerous Building Category-2 and shall be governed by the Regulations.

6-2 Technical Committee on Dangerous Buildings (TCDB)

- 6-2.1 The Director / Controller of Buildings of the concerned Circle of the Authority shall examine, or cause to examine, every building or structure or portion thereof in his Circle reported as dangerous, and shall refer the matter to the Technical Committee specially constituted by the Authority for a term of office not more than three years. The Committee shall be reconstituted after ten years.
- 6-2.1.1 A nominee of Pakistan Engineering Council who has at least 15 years of practical experience in the field of Structural Engineering.
- 6-2.1.2 A nominee of Pakistan Council of Architects & Town planners, who has at least 15 years of Practical experience in the professional field.
- 6-2.1.3 A nominee of District Government not less than the rank of Executive Engineer with experience in the relevant field.
- 6-2.1.4 A nominee of C&W department not less than the rank of Executive Engineer with experience in the relevant field.
- 6-2.1.5 A nominee of Department of Heritage, if available.
- 6-2.1.6 Director / COB (Dangerous Buildings), Members/Secretary of the committee

6-2.1.7 In addition of the above, the committee (TCDB) may co-opt experts for specific purpose as and when required. The committee shall operate under the rules of business, as framed and approved by the committee in its first meeting.

- 6.2.2 If in the opinion of Director / COB of the concerned Circle, a building or part thereof has become dangerous for human habitation he shall give at least twenty four hours (24 hrs) notice to the owner/ owners or occupants (who need not to be named) for inspection of such buildings by the Technical Committee (TCDB).
- 6.2.3 In Case the Technical Committee (TCDB) considers a building or a part thereof repairable or modifiable without causing danger to human life or property, it may issue such orders to the owner/occupant/tenant of such building in this regard.
- 6.2.4 If the above Technical Committee finds such building dangerous/ ruinous/unsafe after proper inspection and investigation, Director / Controller of buildings of the concerned circle shall serve to the owner of such building or structure a written notice stating the defects thereof as determined by the TCDB and shall require the owner or person in-charge of the building or premises to commence either the required repairs or improvements, or demolition and removal of the building or structural portion thereof as the case may be, and all such works shall be commenced/completed within the period specified by the committee (TCDB)

6.3 Building Unfit for Human Habitation and Notice of Prohibition

- 6.3.1 If for any reason it shall appear before the Authority that any building or part thereof intended or used for human habitation or human occupation for any purpose whatsoever is unfit for such uses, it shall signify its intention to prohibit the further use of such building or part of a building and call upon the owner or occupiers / tenants to state in writing their objections (if any), to such prohibition within fifteen (15) days after the receipt of such notice. If no objection is raised by such owner or occupier within the prescribed period or if any objection, which is raised, appears to the Authority to be invalid or insufficient, the Authority may prohibit by an order in writing the further use of such building or part thereof and immediately inform the Committee (TCDB) for further necessary action. The owner or occupier of the building shall be given an opportunity of appearing before Authority in person or by an agent in support of his objection, if he so desires.
- 6.3.2 Notice of such prohibition shall be served in person or by any courier service, mail, or by pasting at site in presence of authorized officer of Authority upon the building or part of the building affected thereby and also upon every occupied portion thereof (wherein occupant need not to be named), being more than fourteen (14) days after the date of such notice) before which every such person shall remove himself and his property as aforesaid, the Authority may cause him and his property to be removed at his own risk and cost. In case of imminent danger, 24 hours notice may be issued by the Authority.

6-4 Alteration/Modification /updates and Repairs of Dangerous Buildings of Category-2

- 6-4.1 At any time after a building or part of a building has been vacated under Clause 6-3.2 if the committee (TCDB) considers that it can be rendered fit for human habitation by the structural alterations/repairs or modification/updates or repairs before or after the vacation of habitants for such buildings, the Committee (TCDB) may by notice in writing call upon the owner to commence through professional within such time as may be specified (but not less than thirty (30) days and to complete within the period as specified in the notice but not more than ninety (90) days from the date of receipt of such notice, such structural alterations/modifications/updates or repairs have not been commenced or completed to the satisfaction of Authority it shall issue to the said owner a notice in writing ordering the demolition within thirty (30) days from the date of receipt of such notice.
- 6-4.2 If the Technical Committee on Dangerous Buildings (TCDB) considers it impracticable to render such building or part thereof fit for human habitation the concerned Director / Controller of Buildings may by notice in writing call upon the owner to demolish it in a period specified by the committee.

6-5 Demolition of Dangerous Buildings on Expiration of Notice Period.

If at the expiration of the period specified in the notice and order to demolish a building or part of building issued under Clause 6-4 has not been complied with, the Authority may direct, by an order in writing, the demolition thereof by measures through approved contractor (who has on his roll at least one Professional responsible for undertaking all necessary safety measures during the process of demolition) as per procedure laid down by the Authority. The credit if any, of the cost of such demolition and sale after appropriation, shall be paid to the owner after deducting the charges accrued by the Authority for such demolition. In case the sale proceeds are insufficient to meet total charges of the Authority for such demolition the same shall be recovered from the owner as the arrears of land revenue.

6-6 Extension of Period for Repairable Buildings

- 6-6.1 For sufficient causes, the Authority may recommend and refer to extend- the time allowed under, or prescribed by, clause 6-4 above, to the Committee (TCDB).

6-7 Evacuation of Dangerous Buildings

- 6-7.1 If in the opinion of the Authority, any building, wall, or Structure or anything affixed thereto is in hazardous or dangerous state, Authority may, by notice in writing, require the owner or occupier thereof either to remove the same or to cause such repairs to be made thereto as the Authority considers necessary for the public safety, and if the danger appears to be imminent, the Authority may forthwith take such steps as may be required to avert such danger, including the evacuation without notice from such building of all the occupiers thereof.
- 6-7.2 Any expense incurred by the Authority under Clause 6-7.1 shall be paid by the owner concerned.
- 6-7.3 When the owner of any building, wall, structure or any thing affixed thereto fails to execute the repairs required from him by the Authority under Clause 6-7.1, the tenant/occupier of such building wall, structure or anything affixed

thereto may, with the previous approval of the Authority, carry out such repairs.

- 6-7.4 Except with the permission in writing of the Authority no person shall enter into or remain in any building from which the tenant/occupier has been removed under Clause 6-7.1.

**CHAPTER 7- TEMPORARY WORKS IN CONNECTION WITH
BUILDING OPERATIONS (SAFETY AND SECURITY MEASURES)**

7-1 Site Hoardings

No Person shall start building works on a site abutting on a street without having first provided hoarding or barriers to the satisfaction of the Authority along the whole length of such site so as to prevent danger or injury to the public or to the persons employed in the work; provided however that this Regulation does not apply in the case of building works in connection with structures situated at least 15ft (4.5m) away from a public street and being not more than 25ft. (7.5m) in height.

7-2. Use of Public Streets

No part of any street shall be used in connection with the construction, repair or demolition of any building except with the written permission of the concerned Authority. Any person holding such permission shall put up and maintain to the satisfaction of the concerned Authority, fences or barriers in order to separate the building work from such street. Where such separation is not possible he shall make arrangement for the security of public to the satisfaction of the concerned Authority.

7-3 Obstruction to be lit & marked

- 7-3.1 Any person causing any building material or other things to be deposited, any hoarding to be erected shall at his own expense cause sufficient and adequate red lights to be fixed upon or near the same and shall continue such lights every night from sunset to sunrise while such materials, hoardings, things or excavation remain. In addition to above, red flags of reflectorized material shall be provided during day time.
- 7-3.2 Any excavation is to be sufficiently fenced to a height of at-least 4ft. (1.21m) until it is filled up.

7-4 Utility Services not to be obstructed.

All material, hoarding, fences or other obstructions on any street shall be kept clear of any fire hydrants if any, and, other utility service installations, or alternative arrangements shall be made and precautions shall be taken according to the laid down procedure of the utility agencies and to the satisfaction of the concerned Authority to divert or keep clear of obstruction of any roadside or other drain during the period of temporary obstruction

7-5 Removal of Obstruction after Completion of Works

All obstructions shall be removed within seven (7) days of the completion of the work and the street and all drains and public utility installations shall be left in clean, tidy and in serviceable conditions.

7-6 Dangerous Obstruction

If any material, hoarding, excavation or any other thing near or on any street, shall be in the opinion of the concerned Authority, dangerous to the passers-by along such street, the concerned Authority shall cause the same to be removed, protected or enclosed so as to prevent danger there from and shall be entitled to recover the expenses thereof from the owner of such materials or from the person who made such hoarding, excavation or other thing to become dangerous.

7-7 Stability of Adjacent Buildings

No excavation or dewatering or earthwork or demolition of a building which is likely to effect the stability of adjacent building shall be started or continued unless adequate steps are taken before and during the work to prevent the collapse/damage of any adjacent building or the fall of any part of it.

7-8 Filling of Excavated Site.

A site once excavated shall not be kept open and idle for a period beyond the validity period of building plan, failing which the Authority shall not revalidate the building plans and shall inform the concerned Authority for further appropriate remedial measures and in case of any mishaps the owner shall be responsible for life and property of the affectees.

7-9 Adequate Safety Measures

7-9.1 Adequate safety measures shall, where necessary, be provided and used to protect any person from falling on earth rock or other material adjacent to any excavation or earthwork.

7-9.2 Material shall not be placed or stocked near the edge of any excavation so as to endanger persons working below.

7-9.3 No load shall be placed or moved near the edge of any excavation, where it is likely to cause a collapse of the side of the excavation and /or endanger any person.

7-9.4 Where vehicles or machines are used close to any excavation there shall be measures to prevent the vehicles or machines from over – running and falling into the excavation or causing collapse of any side of the excavation.

7-9.5 In all buildings of greater than 20ft. (6m) height, temporary rails/scaffolding/barriers shall be installed during construction at the edge of slabs and around all openings such as lift, stairwell etc.

7-10 Supervision of Demolition Work

The demolition of a building and the operations incidental thereto shall only be carried out under the direct supervision of a Professional.

7-11 Safe Loading

No roof, floor or other part of the building shall be so overloaded during demolition and construction with debris or materials as to render it unsafe.

7-12 Scaffolds

7-12.1 Suitable and sufficient scaffolds shall be provided for all work that cannot safely be done from the ground or from part of the building or from a ladder or other available means of support, and sufficient safe means of access shall be provided to every place at which any person has to work at any time.

7-12.2 Every scaffold and means of access and every part thereof shall be adequately fabricated with suitable and sound material, and or required strength for the purpose for which it is used, shall be properly

supported and shall where necessary be sufficient and properly strutted or braced to ensure stability. Unless designed as independent structures they shall be rigidly connected to a part of the building which is of sufficient strength to afford safe support. All scaffolds, working platforms, gangways, rungs and stairs shall be maintained to ensure safety and security.

7-12.3 All vertical members of scaffolds on ground level facing road side should be adequately wrapped with spongy material up to a height of at least 7 ft.(2.13 m) from ground, should be wrapped all along its length with such material.

7-13 Road Side Protection

7-13.1 To ensure adequate safety of the pedestrian and other road users, all buildings having a height of over ground +2 floors should have adequate arrangement by way of providing protective covering of suitable material such as Hessian sheets/Burlap etc. as per requirement.

7-13.2 Adequate provision of safe passage for pedestrian shall be provided, in case the scaffolding covers part of the road/footpath.

7-14 Working Platform

7-14.1 Every working platform from which a person is liable to fall which is more than 7ft.(2.13m) height shall be at least 2ft.(0.6m) wide provided the platform is used as a working platform only and not for the deposit of any material.

7-14.2 A clear passage-way at least 1.5ft.(0.45m) wide shall be left between one side working platform and any fixed obstruction or deposited materials.

7-15 Guard Rails

Every side of a working platform, gangway and stair shall be provided with a suitable guard-rail of adequate strength, to a height of at least 3'-3" (1m) above the platform, gangway or steps.

7-16 Ladders

7-16.1 Every ladder shall be of good construction, sound material and adequate strength for the purpose for which it is used.

7-16.2 Every ladder shall be securely fixed when in use and shall not have any missing or defective rungs.

7-17 Work on sloping Roofs

7-17.1 Where work is to be done on the sloping surface of a roof, suitable precautions shall be taken to prevent persons employed from falling off.

7-17.2 Suitable and sufficient ladders or boards, which shall be securely supported, shall be provided and used to avoid concentration of loads leading to unsafe conditions.

- 7-17.3 Where persons are employed in a position below the edge of a sloping roof and where they are in position of being endangered by work done on the roof, suitable precautions shall be taken to prevent tools or materials falling from such roofs so as to endanger such persons or passers-by.

7-18 Precautions for Raising and Lowering Loads

For raising or lowering loads or for suspending them by either hand or Power operation the following precautions shall be observed:-

- 7-18.1 No broken wire rope shall be used
- 7-18.2 No chain shall be used which has been shortened or jointed to another chain by means of bolts and nuts.
- 7-18.3 No chain or wire rope shall be used which had a nut tied in any part which is under direct tension.
- 7-18.4 Provided with an efficient device to prevent the displacement of the sling or load from the hook; or of such shape as to reduce as far as possible the risk of such displacement.
- 7-18.5 All debris and waste material during construction shall be disposed off through well designed chutes from each level of under construction building of height over G+2 floors or more.
- 7-18.6 The vertical hoist platform used shall be enclosed/protected by proper barrier. Every opening of lift, shaft or other such vertical voids or openings in slab etc. where a person is likely to fall shall be protected by safety barriers and properly lit. Any area e.g basement, where natural light is not available or which is dark shall be so illuminated as to eliminate any risk of life or hazard to users.

CHAPTER 8- SPACE REQUIREMENTS IN AND ABOUT BUILDINGS

8-1 Space for Electrical Sub-Station

A minimum space of 16ft. x 21ft. (5m. x 6.5m) (or as per requirement of QESCO shall be left for electrical sub-station which is abutting on road side / street or has a clear passage of 16ft. (4.87m). width, for public sale, commercial, residential building and industrial building having an area in excess of 25,000sq.ft. (2323 Sq.m) all Category ‘III’ and category ‘IV’ buildings. In the event that QESCO sub-station is not required, this space may be utilized as per Regulations.

8-2 Method of Measuring Minimum clear Space

The minimum clear space prescribed between a building and from the property line shall be measured from the external face of the perimeter wall enclosing the covered or usable area of the building, at its greatest projection from the building, at right angles to the plot boundary, and excluding permissible chajjas and balconies, if there are more boundaries than one in the plot affecting the building, the above requirements will be satisfied at all such boundaries also

8-3 Separate Approach for every Building

Every building more than 35 ft (10.5m) high not abutting on a street shall have an access for an approach from the street, open to the sky, at least 13ft.(4m) width.

8-4 Projections beyond Property Limits

No projections or overhanging features shall be permitted beyond property limits except where permitted under the Regulations.

8-5 Allowable Projections

8-5.1 Maximum allowable projection of chajjas and sunshades in compulsory open spaces shall be 2.5ft (0.75m) or half the width of COS whichever is less.

8-5.2 No construction shall be allowed in the chamfered portion up to 17ft (5.17m) measured from the adjacent road.

8-5.3 Open balconies projecting on to public streets from buildings abutting such streets be permitted by the authority that provided that such projection shall not be used as a room as per conditions stated here under:-

| <u>Width of Street</u> | <u>Max. length of Balconies</u> | <u>Max. Projection</u> | <u>Min height above Street level from Centre of Street Balconies and Sunshades</u> |
|--|--|-------------------------------|---|
| 30ft.(9.13m)& less than 40ft. (12.18m) | 23ft.(7m) | 2ft.(60cm) | 17ft.(5.17m) |
| 40ft.(12.18m) & less than 50ft.(15.2m) | 23ft.(7m) | 3ft.(90cm) | 17ft.(5.17m) |

50ft.(15.2m) & above 23ft.(7m)

4ft.(120cm)

17ft.(5.17m)

In case of corner plots no balcony will be allowed at the corner of the plot below 17ft. (5.17m)

8-6 **Residential Buildings**

8-6.1 No Habitable room shall have a floor area of less than 100Sq.ft. (9.3Sq.m)

8-6.2 The minimum width of a habitable room shall be 8ft. (2.44m).

8-6.3 The minimum floor area of kitchen shall be 50sq.ft. (4.53Sq.m). The minimum width of Kitchen shall be 6ft. (1.8m).

8-6.4 The minimum areas and widths of WCs and bathrooms shall be:

| | <u>Min. Area</u> | <u>Min. Width</u> |
|---------------------------|-------------------------|--------------------------|
| W.C | 15sq.ft. (1.4sq.m) | 3.5ft. (1.07m) |
| Shower | 15sq.ft. (1.4Sq.m) | 3.5ft. (1.7m) |
| Combined W.C and Bathroom | 35sq.ft. (3.25Sq.m) | 4.5ft. (1.38m) |

8-6.5 The minimum clear height of rooms Shall be as per table given below:

| | |
|--------------------------------|-----------------|
| Habitable rooms | 9.5 ft. (2.65m) |
| Kitchens | 8 ft. (2.43m) |
| Bathrooms W.C.'s Latrine | 8 ft. (2.43m) |
| Garages and Car porch | 7.5 ft. (2.28m) |
| Passages, galleries, corridors | 7.5 ft. (2.28m) |
| Dress Room | 7 ft. (2.13m) |

8-7 **Commercial Buildings**

8-7.1 The minimum floor area of a shop shall be 100Sq.ft. (9.29Sq.m) and the minimum width of the shop shall be 8ft. (2.4m)

8-7.2 The minimum ceiling height of an arcade shall be 8ft. (2.5m). (9.29Sq.m) and a minimum height of 16ft. (4.87m) and loft area of not exceeding 40% of the carpet floor area.

8-7.3 The minimum ceiling height of an arcade shall be 8ft. (2.5m).

8-7.4 40% of the shopping area may have shops of minimum floor area of 56 sq.ft (5.2Sq.m) provided they are not facing the road.

8-7.5 The minimum clear height of shop will be 10ft. (3m).

8-7.6 Clear width of Arcade between inner surface of the outer column and shop shall be minimum of 5'-6" and width from outer column and shop shall be 8'-0".

8-8.1 **Staircases**

The riser of all buildings shall not be more than 6 inches (15 cm) and the tread shall not be less than 11 inches (27.54 cm) except for residential houses where the maximum riser shall be 7 inches (18 cm) and the minimum tread will be 11 inches (27.54 cm). Staircases to lofts and spiral staircase to non public access areas shall be excluded from these requirements.

- 8-8.2.1 For all buildings other than Category “I” buildings and bungalows, the minimum width of staircases shall be 4ft. (1.2 m). The distance from any point to the nearest staircase shall not exceed 100ft. (30m). The minimum clear head room under beams and stair landing shall be 7ft. (2.1m).
- 8-8.3 Other than bungalows, all staircases shall be provided with handrails.
- 8-8.4 A handrail shall be provided on each side of the Staircase when the staircase is 6 ft. (1.8m) wide or more.
- 8-8.5 For all buildings other than bungalows, there shall not be more than 15 risers between each landing in a straight flight. Depth of the landing shall not be less than the width of the flight.
- 8-8.6 Winders shall be permitted in Category “I” buildings and bungalows only.

8-9 Lifts

- 8-9.1 No lift will be of capacity less than 6 person, and lifts shall conform to the technical provisions of BS5655 with respect to all safety devices, procedures of examination and annual testing/certification of lifts by a professional engineer of concerned discipline.
- 8-9.2 Lift/elevator shall be provided in all structure/Buildings where the building is ground + 3 and above.

The following recommendations will be considered in the design of lifts:-

Minimum Provision of Lifts.

| Minimum Climbing Height | Minimum Number of Lifts | Capacity |
|-------------------------------------|-------------------------|----------------------|
| From 46ft. (14m) to below 59ft(18m) | 1 | 450 Kg (6 Passenger) |
| 59ft. (18m) and above | 2 | 450 Kg (6 Passenger) |

Additional number of lifts to be provided by the designer professional keeping in view the size, speed and size of brand of lift, type and height of buildings etc.

8-10. Minimum Requirements of Places of Assembly

The minimum clear heights of places of assembly shall be 12ft. (3.65)

8-11. Godowns and Warehouses

- 8-11.1 No godown except a store shall be provided in a residential building.
- 8-11.2 Godowns/ware houses shall be designed, adopted or used for storage purposes only;
- 8-11.3 In every warehouse and godown there shall be an exhibition by the owner, at some appropriate place, permanently and conspicuously, a notice incised or embossed on metal, plastic or similar permanent material in the following form, stating the load for which the floor has been designed with letters to be at least 1 inch(25mm) wide & 3

inch(75mm) high. In case of inflammable or explosive materials, being stored, prior permission from the relevant authorities shall be obtained.

NOTICE

This floor has been designed to sustain a superimposed load of 10 lbs per Sq. ft. (48.9 Kg. per Sq.m)

CHAPTER 9-LIGHTING AND VENTILATION

9-1. Size of external openings

9-1.1 Every room, other than rooms used predominantly for the storage of goods, shall be provided with natural light and natural ventilation by means of one or more openings in external walls. These openings shall have a combined area of not less than 10% of habitable rooms and 7.5% for other rooms of the floor space of such opening, and the whole of such openings shall be capable of allowing free and uninterrupted passage of air.

9-1.2 Area of openings in case of warehouse, godown, storage places etc. shall not be less than 5% of the floor space unless the space is mechanically ventilated.

9-2. Size of internal openings

Unless the light and ventilation requirements are met by an air well or ventilation duct, all internal habitable rooms must have openings in internal air wells in addition to door openings not less than 7.5% of the floor area of such room. Access of maintenance of shaft is provided at level from where the shaft is commenced.

9-3. Internal Air Wells

9-3.1 Habitable rooms may receive daylight and natural ventilation from internal air wells which shall conform to the following minimum sizes:-

9-3.1.1 For buildings up to 2 storey's. 50Sq.ft. (4.6Sq.m) with minimum width of well 5ft. (1.5m).

9-3.1.2 For buildings within 3 to 5 storey's, 100Sq. ft. (9.3Sq.m) with minimum width of well 8ft. (2.44m)

9-3.1.3 For buildings higher than 5 storey's, 100Sq.ft. (9.3Sq. m) plus 10Sq.ft. (0.93Sq.m) for each additional floor over 5 storey's and minimum width of well 10ft. (3.0m).

9-3.1.4 Where only kitchens, WCs and bathrooms receive daylight and ventilation from air-wells, their size shall conform with the following as minimum:-

9-3.1.5 For buildings up to 2 storey's, 25Sq.ft (2.3Sq.m) with minimum width of well 3ft. (0.9m).

9-3.1.6 For buildings with 3 to 5 storey's, 50 Sq. ft.(4.6 Sq.m) with minimum width of well 5ft. (1.5m).

9-3.1.7 For buildings higher than 5 storey's, 50 Sq. ft. (4.64 Sq. m) plus 5 Sq.ft. (0.46 Sq.m) for each additional floor with minimum width of well 5ft. (1.5m).

9-3.1.8 Access for maintenance of each such shaft shall be provided at lowest level of the shaft.

9-4. Permanent Openings in Kitchen

Every Kitchen shall have openings for permanent ventilation into the external air space not less than 15% of its floor area.

9-4 Water Closet, Bath Room & Ablution Places.

Every water closet, urinal stall, and bathroom and ablution area shall be provided with natural lighting and ventilation by means of one or more openings in external walls having a combined area of not less than 2 Esq. (0.2 sq. m) per water closet, urinal or bathroom except where adequate and permanent mechanical ventilation is provided and which discharges into an open space.

9-6. Garages

Every garage shall be provided with opening of not less than 5% of the floor area for ventilation and it be incorporated in a wall or in the door.

9-7. Staircases

All Staircases, which are enclosed, shall be provided with adequate lighting and ventilation from openings not less than 7.5% of the staircase area.

9-8. Mechanical Ventilation and Central Air-Conditioning waiver & minimum requirement.

9-8.1 Where undertaking for central air-conditioning and permanent mechanical ventilation is provided, the relevant provisions of these Regulations dealing with natural ventilation, lighting and height of rooms may be waived.

9-8.2 Where permanent mechanical ventilation in respect of lavatories, water closets, bath rooms or corridors has been provided for and maintained in accordance with the following clauses, conditions relating to natural ventilation and natural lighting under these Regulations shall not apply to such lavatories, water closets, bath rooms or corridors.

9-8.3 Basement or underground car parks and other enclosures below ground level shall be provided with mechanical ventilation.

9-8.4 Cinemas or other projection rooms where photographic films being used, processed or stored; which are situated in the internal portion of the building; and in respect of which no such external walls (or those overlooking verandas, pavements or walkways) are present, shall be provided with mechanical ventilation or air conditioning.

9-8.5 In case of Mechanical ventilation and central air conditioning for all types of buildings and spaces HVAC relevant code of practice as may be approved by the Authority shall be allowed.

**CHAPTER 10-BUILDING STRUCTURE DESIGN AND
CONSTRUCTION REQUIREMENTS.**

- 10-1. Loads and Design**
Structure analysis, design, detailing and loading shall be in accordance with the requirements of current Uniform Building Code (UBC) and American Code or British relevant Code or any other Code. Structure shall however be designed by only one approved Code.
- 10-2. Seismic Design.**
Seismic Risk Zone for Gwadar will be (with reference to UBC-97) which is equivalent to Peak Ground Acceleration (PGA) of 16% g to 24% g.
- 10-3 Sub Soil Investigation**
In view of the structural design in Seismic hazard zone, type of Sub-Soil for foundation soil is thoroughly ascertained by geo-technical investigation under the direct supervision of qualified and experienced geo-technical engineers. The Soil Report should correlate the sub-soil type with UBC-97 (or current) Sub-Soil list.
- 10-4 Wind Load**
Wind Load should be based on the velocity and gust factors data from local Meteorological Department.
- 10-5 Erection on Reclaimed site**
10-5.1.1. No building foundation shall be erected upon a site reclaimed by Town sweepings or other refuse except on recommendation of Geo-technical and Structural Engineer.
10-5.1.2. No building plans shall be approved on open nallahs, public sewers and the likes.
- 10-6. Protection of Existing Services**
During the making of an excavation in connection with a building works or services, adequate precautions shall be taken to secure the existing services.
- 10-7. Foundation near Drains**
Where a building is to be erected adjacent to existing buildings, or near a drain/nallah, or an excavation at a distance less than depth of the said drain/nallah or excavation, or such as to affect the stability of drains / nallah, the owner, through a Structural Engineer, shall satisfy the authority that the foundations of the building have been carried down to a level safe guarding its stability.
- 10-8. Specifications**
Specifications of Material Quality Control and workmanship will be of high quality and in accordance with the requirements of ACI. Building Codes, Uniform Building Code (UBC) and ASTM Standards.
- 10-9. Testing of Materials**
Regular testing will be carried out of materials such as Aggregates, Cement, Concrete and Reinforcing Steel and all Architectural materials the Quality Control and Quality Assurance Criteria laid down in standards of FIDIC,

ASTM, OR ACI /USB and project Specifications. The Quality Assurance Programme of the Architect/Engineer may also be followed.

10-10 Supervision

Construction supervision and quality assurance will be carried out by full time/top supervision by the designer/supervising engineers' architects / inspectors etc. as required in these Regulations. Constructor / Builders /developers full time supervisory staff for the category of buildings in these regulations shall carry out supervision and quality control.

CHAPTER 11 – WATER SUPPLY, DRAINAGE & SANITATION

11-1. Water Service Pipe

11-1.1. Except as permitted in the following paragraph (11-12), underground water service piping and the building sewer line shall be not less than 7 ft. (2.13m) apart horizontally and shall be separated by undisturbed or compacted earth.

11-1.2. The water service pipe may be placed within 7 ft. (2.13m) of sewerage line provided that the bottom of the water service pipe is at least 12 inch (300mm). above the top of the sewer line.

11.2. Minimum Storage Capacity for Category “IV” buildings

Minimum capacity of water storage tanks in buildings of category “ IV”
Shall be

| | | |
|--------|------------------|--|
| 11-2.1 | Overhead Tank | =1 day + 25% reserved for fire fighting |
| 11-2.2 | Underground tank | =2 ^{1/2} days out of the reserved capacity 25% shall be kept reserved for fire fighting purposes by making suitable arrangements |

11-2.3 Distribution of Water within the Premises

The design of water supply pipe work, underground and overhead tanks shall be in accordance with the following schedule:-

Per capita water requirements/demand for various occupancies.

| <u>Sr. No.</u> | <u>Type of occupancy</u> | <u>Consumption Per head/day (in liter)</u> |
|----------------|---|--|
| 1. | Residential | 135 |
| 2. | Institutional | |
| | a) Day Schools | 45-100 |
| | b) Boarding Schools | 135-225 |
| | c) Medical Hospital | 450 |
| | d) Medical-Cinema, Theater | |
| 3. | Assembly-Cinema, Theater Auditorium etc. (per seat of Accommodation). | 45 |
| 4. | Government or Semi-public | 45 |
| 5. | Mercantile (commercial) | |
| | a) Restaurants | 90 |
| | b) Shopping Centers, Stores (Per toilet fixture) | 200 |
| | c) Other Business Buildings | 45 |
| 6. | Hotels | 225 |
| 7. | Industrial | 45-135 |
| 8. | Storage including warehouse | 30 |
| 9. | Service Station | 200 |
| 10. | Bus / Truck Stands (per vehicle) | 200 |
| 11. | Live Stock (per animal) | 45-150 |
| 12. | Poultry (per chicken) | 45 |

11-3. Recycling Plant and Treatment of Effluent/sewage

In Case recycling plant or treatment of effluent/sewage are provided, all requirements for construction and maintenance as set by National Environmental Quality Standard (NEQS), Shall be followed.

11-4 Sanitation and Solid Waste

11-4.1. All medical & hospital waste shall be safely collected, transported and disposed off in accordance with the public health standards and up to satisfaction of the Authority.

11-4.1.1 All industrial waste shall be treated in accordance with the National Environment Quality Standards (NEQS).

11-4.1.2 All hospitals shall provide the disposal of medical waste as per National Environment Quality Standards (NEQS).

11-4.1.2 In all public sale projects the central waste disposal system shall be provided by the developer.

11-5 Digester/Septic Tank

Where no public sewer is in existence, all sewage shall be disposed off after properly treating, through digester or septic tank, and effluent shall be discharged safely into a soakage pit as a temporary measure till such time as a system is laid out.

11-6 Soil Pipes, Waste Pipes and Ventilating Pipes

11-6.1 A trap shall be used to maintain the water seal and make system proof against closing and blockages

11-6.2 In no case shall the internal diameter of a soil pipe or waste pipe be less than the internal diameter of any pipe or of the outlet of any appliance which discharges into it.

11-6.3 All the joints shall be:-

11-6.3.1 Properly prepared by the use of rubber gasket of water sealant materials for jointing.

11-6.3.2 Adequately supported throughout its length without restraining thermal movements, any fitting which gives such support being securely attached to the building;

11-6.3.3 So placed as to be reasonably accessible for maintenance and repair.

11-6.3.4 Ventilating pipe shall be provided in all stacks carrying wastewater or sewage, in accordance with the plumbing code.

11-6.3.5 Drain Water pipe of appropriate dimension shall be provided as per approved standard.

11-7 Sanitary Provisions

The minimum requirements/sanitary provisions as prescribed hereunder shall be followed:

- 11-7.1. For every five (5) single room units or servant quarters: one washbasin, one WC and one (1) bathroom shall be provided.
- 11-7.2. For every 10(ten) bedrooms or less in a Boarding House or Guest House there shall be at least two (2) WCs two (2) wash-basins and two (2) showers.
- 11-7.3. For every 20 (twenty) persons in Dormitory and Hostel there shall be at least three (3) WCs, three (3) wash-basins and three (3) showers, and for every 10(ten) additional persons one (1) W.C one (1) wash-basin and one (1) urinal and one (1) shower are to be added.
- 11-7.4. In an office with 20(Twenty) persons (calculated at a rate of one (1) person per 120sqft (11.15 sq m), there shall be minimum of Two(2) WCs, two (2) washbasins and. W.C one (1) wash basin, and One (1) wash-basin or equivalent washing space per 25 (twenty five or less persons shall be provided for ablution purposes.
- 11-7.5 In factory with 30(thirty) persons (calculated at a rate of one (1) person per 100Sq.ft. (9.29Sq. m)), there shall be minimum of three WCs two (2) wash-basins and one (1) urinal. For every additional 20 (twenty) persons there shall be one (1) W.C., one (1) wash-basin and one (1) urinal. One (1) wash-basin or equivalent washing space per 25(twenty five) or less persons shall be provided for ablution purposes, and shall be divided proportionately amongst the genders.
- 11-7.6. Shopping Center- a minimum of three (3) WCs one (1) urinal, and one (1) wash-basin shall be provided for 3000 Sq.ft. (278.8Sq. m) or less total floor area. For every additional 2000Sq.ft. (185.8Sq. m) floor area, one (1) W.C one (1) wash-basin, and one (1) urinal shall be provided.
- 11-7.7 Public Assembly building-two (2) WCs one (1) wash-basin, and three (3) urinals shall be provided for 1500Sq. ft. (139Sq. m) or less of total floor area and for every additional 1500Sq. ft. (139Sq.m) of floor area one (1) W.C one (1) wash-basin and two (2) urinals shall be provided.
- 11-7.8. For Mosque, five (5) ablution spaces / points for every Hundred (100) Nimazi's and two(2) W.Cs, one shower room shall be provided, for every additional (100) Nimazi's the number of ablution space will be extended by 8,6,4 respectively plus special arrangement for the female having a capacity of 300 Nimazi's three (3) ablution and one (1) W.C shall be provided.
- 11-7.9 Cinema and Auditorium-for every 50 seats or less two (2) W.C's two 2 Urinals and two wash-basins shall be provided, and for every additional 50 seats one (1) W.C two (2) urinals and two (2) wash-basin shall be provided and shall be divided proportionately amongst the genders.
- 11-7.10 School: - four (4) W.C's and two (2) wash-basins per Hundred (100) students and for every additional fifty (50) students one (1) W.C and one (1) wash-basin shall be provided.

- 11-7.11 Hospital:- For every 10 beds in a general ward there shall be at least one (1) water closet, one (1) wash-basin, one (1) ablution tap and one (1) bathroom with shower one (1) kitchen sink shall be provided in each ward.
- 11-7.12. For 50 seats or part thereof of Restaurant, one (1) water closet, one (1) urinal, one (1) washbasin shall be provided.
- 11-7.13 Two urinals may be replaced by W.C., while proportionately dividing the fixtures among the genders.
- 11-7.14. Provision of one (1)W.C for special persons shall be provide
- 11-7.15. All fixtures shall be divided proportionately amongst the genders.

11-8. Manholes and Inspection Chambers

- 11-8.1 At every change of alignment, gradient or diameter of a drain, there shall be a manhole or inspection chamber. Bends and junctions in the drains shall be grouped together in manholes as far as possible. The spacing of manholes in case of pipe having a diameter 6 inch/8inch (150 mm/ 200mm) shall be 50ft. /110ft. (15.2m /35.5 m) according to respective diameter, and in case of diameter more than 8inch (200 mm) distance shall not be more than 150ft. (45m).
- 11-8.2 The chamber shall be so designed to make the cleaning and inspection convenient.
- 11-8.3 Proper benching shall be provided equal to half of the diameter of pipe in semi-circular shape with proper slope in either direction so that no solid shall accumulate in the Manhole/Inspection Chamber.
- 11-8.4. C.I. Rungs shall be provided at 16inch (400mm) center to center in all manholes over4ft.(1.2m) in depth. The size of the manhole cover shall be such that there is a clear opening of at least 2ft. (60cm) in diameter for manholes exceeding 4ft. (1.2m) in depth.

11-9 Storm Water Drains

- 11-9.1 The roofs of every building, and the floor or balconies abutting on a street or constructed over a street, shall be so constructed or framed as to permit effectual drainage of the rain water there from, by means of a sufficient number of leaders of adequate sizes, so arranged, jointed, and fixed as to ensure that the rain water is carried away from the building without causing dampness in any part of the walls, or foundations of the walls, or foundations of the building or those of an adjacent building provided the fall is not greater than 20ft. (6m) in case of spouts.
- 11-9.2 A leader shall not discharge into or connect with any soil pipe or its ventilating pipe, or any waste pipe or its ventilating pipe, nor shall it discharge into a sewer.
- 11-9.3 Rain Water from leader spouts etc. shall not discharge into a public street at a height greater than 12inch (300mm) from that street, or into a neighbouring property.

CHAPTER 12– FIRE RESISTANCE AND FIRE PRECAUTIONS

12.1 General

Every building shall comply with the provisions laid down in Chapters 13 and 14 in respect of fire resistance and fire precautions, unless noted otherwise.

12-2 Stand Pipes System

12-2.1 Requirements for Fire Prevention and Fire Extinguishing shall be the following:-

12-2.1.1 All buildings which are ground plus three storeys or above or more than 43ft. (13 m) high shall be provided a set stand pipe.

- a) Buildings from (4) storey up to 8 storey in height shall be equipped with not less than 2inch(5.1 cm) dia stand pipes; and
- b) Buildings over 8 storeys in height shall be equipped with not less than 4inch (10cm) dia stand pipe.

12-2.1.2 The number of stand pipes shall be such that all parts of every floor area are at a maximum distance of 120ft. (36.5m) from the stand point

12-2.1.3 In So far as practicable, stand pipes shall be located with outlets stairway enclosures; but if these are not available the stand pipes shall be located in common corridor. In any case, one shall be located in the main.

- a) The total construction of stand pipes shall be of mild steel.
- b) Stand pipe risers shall extend from the lowest to the top most storey of the building or part of building which they serve.
- c) When more than one stand pipe is required, they shall be interconnected at their bases by pipes equal in size to that of the largest riser.
- d) Every stand pipe or stand pipe system in case of inter connected stand pipes shall be equipped with corrosion resistive metal (e.g gunmetal) located on an outer building face nearest to street approximately 20ft.(6m) to 30ft.(9.13m) above finished ground and suitably marked “Fire Department Connection – Stand Pipe”.
- e) Stand pipes shall be provided in every storey with a 1.5 inch (3.8cm) diameter flexible hose not less than 100ft. (30m) long, with a 0.5inch (1.25cm) nozzle, hang in an approved rack or cabinet.
- f) The Stand pipes shall be fed by an over head water tank reserved solely for this purpose as per clause No.11-2.2. The minimum of 7ft. (2.1m) head above the highest discharge point.

12.3 Automatic Sprinkler System

12-3.1 Automatic sprinkler system shall be provided in the following:

12-3.1.1 In every institutional building which serves restrained or handicapped persons.

- 12-3.1.2 In covered car parking areas in buildings of which upper storey's are designed for other uses when such parking area exceeds 5000Sq.ft. (464.6Sq.m)
- 12-3.1.3 Bus garages or terminals for passengers serving more than 4 buses at a time.
- 12-3.1.4 Each floor mercantile and industrial building which is more than one storey high and which exceeds 20,000Sq. ft. (1858.73Sq. m) covered area.
- 12-3.1.5 All building compartments used for manufacture, display or sale of combustible materials and products which are more than 7000Sq.ft. (650.5Sq.m) in covered area.
- 12-3.1.6 All areas of theatres except auditorium, music hall, and lobbies.
- 12-3.1.7 All building areas used primarily for storage of incombustible materials and goods, which are more than 1000Sq.ft. (92.93 Sq.m) in areas
- 12-3.1.8 No sprinkler provision should be made in the immediate vicinity of generators or any electrical equipment.

12-4. Sprinkler System construction

- 12-4.1 Sprinkler – System Construction shall be in the following manner: -
 - 12-4.1.1 Sprinkler pipes, hangers and sprinkler heads shall be protected from corrosion.
 - 12-4.1.2 Every sprinkler system shall be equipped with a fire department approved inlet connection located on an outer building face nearest to street approximately 20 to 30ft. (6 to 9.13m) above finished ground and suitably marked “Fire Department Connection –Automatic Sprinklers”.
 - 12-4.1.3 Automatic Sprinkler System shall be fed by an overhead water tank reserved solely for this purpose. The tanks shall be capable of supplying 25% of the Sprinkler heads for 20 minutes but the minimum capacity of any tank shall be 5000gallons (18,925 Lit). There shall be a minimum head of 15Lbs. /Sq.ft. (1.02Kg/cm²) above the highest discharge point.
 - 12-4.1.4 Automatic Sprinkler System shall be arranged to set off automatic outside valve to control all sources of water supply.

12-5 Manual Fire Extinguishing Equipment

- 12-5.1 Manual fire extinguishers shall be provided as follows:
 - 12-5.1.1 Two extinguishers in stage area, one in each dressing room, one immediately outside each entry in theaters.

- 12-5.1.2 One extinguisher in each 2400Sq.ft.(223Sq.m) of area of public assembly buildings, but not less than one on each occupied floor, and not less than 1 in each lab, workshop or vocational room.
- 12-5.1.3 At least one extinguisher on each floor at stairway landing and in corridor at each lift or group of lifts in residential and commercial buildings.

12-6. Installation of Interior Fire Alarm System

- 12-6.1 Installation of interior fire alarm system shall be installed in the following:
 - 12-6.1.1 All hotels, motels, dormitories, more than one storey high and with a capacity of fifty (50) or more occupants
 - 12-6.1.2 All hospitals, asylums, nursing homes, and similar institutional building accommodating more than (20) twenty occupants above the ground floor.
 - 12-6.1.3 All school buildings with provision of more than Thirty (30) students above the ground floor.
 - 12-6.1.4 All mercantile buildings with more than 186m² above the first floor.
 - 12-6.1.5 All factory buildings exceeding two (2) storey in height and with more than 4000Sq.ft. (371.74Sq.m) above the first floor.
 - 12-6.1.6 All office buildings more than five (5) Storey in height and with occupancy area of more than 1, 00,000Sq.ft. (9293.68Sq.m) above the ground floor.
 - 12-6.1.7 All Cinemas, theaters and similar places of public assembly.

12.7 Signal Station

- 12.7.1 Signal Stations shall be provided as follows:
 - 12-7.1.1 At least one (1) station shall be located in each storey in an accessible location in the natural depth of exit-way or escape.
 - 12-7.1.2 All stations shall be so located that no point on any floor or the building is more than 150ft. (45.69m) distant from a station.

CHAPTER 13- FIRE RESISTIVE STRUCTURAL REQUIREMENTS

13-1. Fire Resistance

13-1.1 For purposes of this chapter, every building or compartment shall be regarded according to its use or intended use, and where a building is divided into compartments intended to be used for different purposes, the requirements of each compartment shall be determined separately.

13-1.2 Every element of structure shall be required to have fire resistance for not less than the relevant period specified in TABLE 13.1 with regard to the building of which it forms part.

TABLE 13.1 Minimum periods of fire resistance

| Types of Buildings or Compartment. | Minimum period of fire resistance in hours for elements of structure. | |
|---|---|--------------------|
| | Ground or upper storey | Basement |
| i) Private dwelling house | 1.5 | 1.5 |
| ii) Private dwelling house | 0.5 | 1.5 |
| ii) Institutional; - up to 92ft.(28m) high - up to 92ft.(28m) high | 1 1.5 | 1.5 2 |
| iii) Residential buildings other than private dwelling house - up to 2 storey high - up to 3 storey high - up to 92ft.(28m) high - up to 92ft.(28m) high | 0.5 1 1 1.5 | 1 1 1.5 2 |
| iv) Office Building - up to 25ft. (7.5m) high - up to 50 ft.(15m) high - up to 92ft.(28m) high - over 92ft.(28m) high | 0.5 1 1 1.5 | 1 1 1.5 2 |
| v) Mercantile Building - up to 25ft. (7.5m) high - up to 50 ft.(15m) high - up to 92ft.(28m) high - over 92ft.(28m) high | 0.5 1 1 2 | 1 1 2 4 |
| vi) Factory Buildings - up to 25ft. (7.5m) high - up to 50 ft.(15m) high - up to 92ft.(28m) high - over 92ft.(28m) high | 0.5 1 1 2 | 1 1 2 4 |

| | | |
|---|----------------------|--------------------|
| | | |
| vii) Factory Buildings - up to 25ft. (7.5m) high - up to 50 ft.(15m) high - up to 92ft.(28m) high - over 92ft.(28m) high | 0.5 1 1 2 | 1 1 2 4 |
| vii) Public Assembly Car Parks - up to 25ft. (7.5m) high - up to 50 ft.(15m) high - up to 92ft.(28m) high - over 92ft.(28m) high | 0.5 1 1 0.5 | 1 1 0.5 2 |
| viii) Storage & Public Car Parks - up to 25ft. (7.5m) high - up to 50 ft.(15m) high - up to 92ft.(28m) high - over 92ft.(28m) high | 0.5 1 2 4 | 1 2 4 4 |

13-1.2.1 If any part of a building is completely separated throughout its height, both above and below the ground, from all other parts by compartment walls in the same vertical plane, the fire resistance requirement of that part shall be determined solely by height of that part.

13-1.2.2 If any element of structure forms part of more than one building or compartment and the requirements of fire resistance in respect of one building or compartment differ from those specified for any other building or compartment of which the element forms part, such element shall be so constructed as to comply with the greater of greatest of the requirements specified.

13-1.2.3 Any elements or structure shall have fire resistance of not less than the minimum period required for any element which it carries.

13-2 Test of Fire Resistance

Every element of structure shall be capable of resisting the action of fire for the specified test of fire resistance period under the conditions of test appropriate to such an element in accordance with BS-476; Part 1: 1953 and subject to modifications, if any.

13-3 External Walls

13-3.1 Any external wall which is situated within a distance of 4ft. (1.2m) from the relevant boundary, or is a wall of a building which exceeds 50ft (15.22 m) in height, shall be constructed wholly of non-combustible material apart from any external cladding.

13-3.2 Any steel beam or column, wherever forming part of or carrying, an external wall constructed of non-combustible material shall also be constructed wholly of non-combustible material.

13-3.3 Any part of a roof shall be deemed to be part of an external wall if it is pitched at an angle of seventy (70) degrees or more to the horizontal and covers a habitable space within the buildings.

13-4 Separating Walls and Fire Walls

13-4.1 Separating walls between two adjoining buildings shall form complete vertical separation and shall not have any opening except for the following:

13-4.1.1 Passage of a pipe through a separating wall if the pipe is not a flue pipe and has a diameter not exceeding 1 inch (25mm) if it is made of combustible material, and 6 inch (150mm) if it is made of non-combustible material.

13-4.1.2 An opening which is necessary as a means of escape from fire, if the opening is fitted with a fire door which has fire resistance not less than the period required for the separating wall.

13-4.2 Any separating wall or fire wall which forms a junction with a roof shall be carried above the upper surface of the roof shall be carried above the upper surface of the roof covering to a distance not less than 15 inch (375 mm). A separating wall or fire wall shall not be required to comply with this requirement if:-

13-4.2.1 The roofs being separated by the wall are of non-combustible construction;

13-4.2.2 The buildings separated by the wall are residential, office or assembly buildings and do not exceed 40ft. (12.18m) in height.

13-4.3 if any external wall is carried across the end of a separating wall/fire wall shall be bounded together.

13-5. Compartmentalization

Every floor of a building shall be divided as far as possible into compartments by means of appropriate fire resistant elements/measures for example fire walls and:

13-5.1 Separating one occupancy from another within the same building.

13-5.2 Separating part of a building from any other part of the same building which is used, or intended to be used, for a different function such as residential institutional, assembly, storage, commercial use etc.

13-5.2.1 Dividing all buildings except Industrial building, into smaller compartments of an area not exceeding 25,000Sqfeet(2323.42sqm)

13-5.2.2 Separating occupancy areas from common circulation areas.

13-6. Construction of Fire Walls

Fire walls shall be constructed in any manner or with any non-combustible material conforming to a minimum fire resistance of two (2) hours.

13-7. Openings in Fire Walls

13-7.1 Opening in fire walls may be fitted with a single or double leaf door with a minimum fire resistance for the following periods:-

13-7.1.1 Door giving access to an apartment from a common area – 0.5 hour

13-7.1.2 Any other case-1.5 hours

13-7.2 Except in case of fire doors giving access to occupancy areas from common circulation areas, all fire doors must open in the direction of escape.

13-8. Direct Access for Ground Floor and Above

13-8.1 Except for storey below the first storey, direct access for fire fighting shall be provided from the outdoors to every storey having its floor level less than 82ft. (25m) above ground by at least one unobstructed window or access panel for each 50ft. (15m) of wall, in each wall required to face a street.

13-8.2 An opening for access required in above clause shall be not less than 3.6ft.(1.1m) high by 2ft.(0.6m) wide, with a sill height of not more than 3ft.(0.9m) above the inside floor.

13-8.3 Access panels above the first storey shall be readily openable from both inside and outside or the opening shall be glazed with plain glass.

13-9. Protected Shafts

13-9.1.1 Protected shafts shall be constructed only for stairway lift, chute, duct, or any other purposes which enable person, thing or air to pass between different compartments.

13-9.2 There shall be no opening in shaft enclosures except the following:-

13-9.2.1 An opening for a pipe

13-9.2.2 An opening fitted with a door which has fire resistance of half hour or not less than half the period required in TABLE 13.1 whichever is more;

13-9.3 Any protected shaft containing a lift or lifts.

13-9.3.1 Shall be ventilated to external air by means of one or more permanent openings situated at the top of the shaft and having a total

unobstructed area of not less than 1.5Sq.ft.(0.13Sq.m) for each lift;

13-9.3.2 Shall not contain any pipe conveying oil or gas or any ventilating duct;

13-9.3.3 May have an opening in its protective structure for passage of cables for the lift into the machine room provided that if the opening is at the bottom of the shaft the opening should be as small as practicable.

13-9.4 If a protected shaft serves as, or contains, a ventilating duct, the duct shall not be constructed of, or lined with, any material which increases the risk of spread of fire.

13-9.5 If a protected shaft consists of a stairway, it shall not contain any pipe conveying oil or gas, or a ventilating duct.

13-9.6 A shaft that does not extend to the roof of a building shall be enclosed with top construction of the same strength and fire resistance as that of the shaft enclosure. Such shafts shall be provided with non-combustible vents for the relief of smoke and gases in the event of fire, with an area not less than 10% of the shaft area.

13-9.7 All shafts that extend to the roof of a building shall be ventilated by a window in the side of the shaft of not less than 75% of the area of the shaft such window shall not be located within three (3m) 10ft. of an interior property line, and its sill level shall not be less than 2.5ft. (0.76m) above the finished roof level.

13-10. Fire Resistant Doors

13-10.1 Any fire resistant door shall, if exposed to a test by fire and then fitted its frame, satisfy the requirements as to freedom from collapse and resistance to passage of flame for not less than the relevant period required.

13-10.2 The clearance between the leaf of the door and the frame or between leaves shall be as small as practicable.

13-10.3 If two separate doors (whether single or double leaf door) are installed on opposite sides of an opening, the required fire resistance may be achieved by the two doors together or by either of them separately.

13-10.4 Wired glass if used in fire resistant doors shall be of a maximum area 1Sq.ft. (0.1Sq.m) and shall not be less than 1/4th inch (6mm) thick.

13-11. Miscellaneous Provisions

13-11.1 If any part of an opening in an external wall of building other than a private dwelling house is directly above an opening in an adjoining storey, either:-

13-11.1.1 The bottom of the upper opening shall be not less than 3ft. (0.91m) above the top of the lower opening and not less than 1.5ft.(0.56m) above the upper surface of the floor separating the storey; OR

- 13-11.1.2 A horizontal projection of non-flammable material is constructed between the two openings to project 1.5ft. (0.46m) from the wall.
- 13-11.2 Where a private dwelling house has an enclosed garage: -
- 13-11.2.1 The garage shall be constructed of non-flammable material having a fire resistance of not less than half an hour;
- 13-11.2.2 An opening in the wall separating the garage from the house shall at its lowest point be 4 inch (10cm) above the level of the floor of the garage and shall be protected by self-closing doors having a fire resistance not less than half an hour.
- 13-11.3 In premises with more than 400 persons seating capacity:-
- 13-11.3.1 The stage area shall be separated from the auditorium on either side of the proscenium opening by a fire resisting wall not less than 6 inch (150mm) thick, of block masonry or its equivalent, carried down to a solid foundation and up to at least 3ft.(0.91m) above the roof level unless the roof is of fire resistant construction.
- 13-11.3.2. Not more than two (2) openings shall be provided in the proscenium wall in addition to the proscenium opening. Such additional openings shall not exceed 20Sq.ft. (1.86Sq.m) area each and should be fitted with a door of minimum half an hour fire resistance;
- 13-11.3.3. A fire resistant curtain shall be provided to the proscenium opening.

13-12. Enclosures for Cinematographic Equipment

- 13-12.1 Cinematographic equipment shall be operated only within fire resistant enclosures located outside the auditorium.
- 13-12.2 The enclosure shall be constructed to have minimum two (2) hours fire resistance.
- 13-12.3 Two exits shall be provided to each enclosure. These shall be located outside the auditorium and fitted with self-closing doors with minimum fire resistance of half an hour. The door shall open outwards from the enclosure.
- 13-12.4 There shall be a minimum number of openings between the projection enclosure and the auditorium, and these shall be fitted with a gravity shutter of minimum half an hour fire resistance overlapping all edges of the openings by not less than 1 inch (2.5cm) when closed. There shall be provided a suitable device to close all shutters simultaneously from any projector head or from a point outside each exit door.
- 13-12.5 All enclosures shall be provided with adequate ventilation by suitable openings or shafts of non-flammable construction which shall lead to open air.

13-13. Steel and Metal Structures

- 13-13.1 All steel and other metal structural members shall be protected with non-combustible materials to provide the required fire resistance.
- 13-13.2. Concrete fire protection on steel columns shall be reinforced and enclosed by wire mesh, metal clips or spirally wound wire of not less than 12 gauge size with a pitch not more than 4 inch (10cm).

- 13-13.3 Where the fire resistant covering on columns is subject to damage moving vehicles or handling of merchandise, the fire proofing shall be enclosed up to a height of not less than 5ft. (1.5m) from the finished floor with a suitable metal covering of adequate strength.

13-14 Air conditioning Ducts

- 13-14.1 All air-conditioning and ventilation ducts including supports shall be constructed entirely of non-flammable materials.
- 13-14.2. No air-conditioning or ventilation duct shall pass through a fire wall or separating wall.
- 13-14.3 Where ducts pass through floors or walls other than fire walls separating walls, the space around the duct shall be sealed with rope asbestos, mineral wool or other non-flammable material to prevent passage of flames and smoke.

CHAPTER 14-PRESERVATION OF HERITAGE BUILDINGS

14-1. Definition

These definitions shall confine to this Chapter only.

- 14-1.1 Heritage Building means any premises or objects declared as protected Heritage under the Government of Pakistan Antiquities Act-1975 and Amendments thereof and any other law enforced in the province of Balochistan.
- 14-1.2. “Extension” or “to extend” means the making of additions to a heritage Building which affects its character as such.
- 14-1.3 “Department “means the Government of Balochistan Culture, Tourism, Sports, Archive and library Departments.

14-2. Designation and Declaration of Special Interest Structures

- 14-2.1. The Department may designate and declare a special architectural, historical, archeological, artistic, ethnological, anthropological or national interest structure/s and forward the list of these designated structures to the Authority, as applicable, for enforcement of the writ.

14-3.2 Transferable Development Rights.

In the event that the existing total floor area of a building, declared / notified under the Heritage Law as a Heritage Buildings, is less than the allowable covered area (Floor Area Ratio FAR) as per these Regulations, the owner of such a building/property shall be entitled to sell unutilized floor area ratio. (Total allowable floor area minus the utilized floor area = unutilized floor area), to the owners of any other property / Within the same Zone subject to the following conditions

- 14-3.2.1 The unutilized floor area ratio can only be utilized on commercial plots or residential flats sites or residential cum commercial site where there is no restriction on constructions of number of floors, provided this also does not violate other conditions of zoning regulations as given in Chapter 16 except the rules from floor area ratio, which shall be allowed to the extent the rights of floor area of a Heritage building is purchased by the applicant's / owner of the building requesting to utilize the same FAR for his / their building / project. No change in the land use shall be allowed where such a FAR of the Heritage Building is to be utilized.
- 14-3.2.2 The unutilized floor area ratio can be sold to more than one owner; however the minimum unutilized floor area which could be sold to one owner of a property/ site shall not be less than 1/3rd of the floor area allowed for the said property.
- 14-3.2.3 The sale of unutilized floor area of the Heritage building must be recorded with Department of Heritage and with the Authority. The Authority shall maintain a separate register for the maintenance of record of the unutilized floor area of the Heritage building.
- 14-3.2.4 The purchaser of the unutilized floor area of Heritage Building shall provide a certificate copy of the document certified by the concerned Heritage Department with regard to the exact covered area utilized in the Heritage

Building. The Authority on receipt and verification of such information, by itself, shall, as per provisions in Chapter 17 of these Regulations determine the surplus, covered area which could be sold to other buyers and shall allow the applicant for the utilization of the same in the application project /building.

14-4. Approval for Demolition, Alteration, or Extension

- 14-4.1 It shall be unlawful for any person to demolish, alter or extend any heritage building without obtaining the prior approval of the concerned section and completing necessary required formalities of this Authority.
- 14-4.2. Prior to permitting the alteration, extension to Heritage Building, the Authority shall inform the concerned Section of the Gwadar Development Authority. The Department shall have a period of thirty (30) days in which to express any objection to such an alteration or extension.
- 14-4.3 In case of unauthorized or illegal demolition of declared protected Heritage Building no fresh approval of Building Plan on the said plot shall ever be permitted and a fine as permitted by the GDA Act 2003 as amended from time to time shall be imposed by the Authority in addition to any other fine that may be imposed by the Department.

CHAPTER 15-WIDENING OF ROADS**15-1. Definitions**

- 15-1.1 For the purposes of this Clause “Road Widening” means proposed widening of any road/street by drawing up new alignments. All the buildings on the roads declared under Road Widening scheme shall be constructed only according to the setback prescribed by GDA in consultation with concerned authorities from time to time.

15-2 Notification of Road Widening Scheme

- 15-2.1 GDA may, in consultation with the Concerned Authority, declare and notify, widening and new alignment of any other road/street.
- 15-2.2 Before declaring widening of any road/street GDA shall invite public objections as prescribed in these Regulations.
- 15-2.3 No basement or structure shall be permitted in the portion of the plot affected by Road Widening Scheme.
- 15-2.4. The FAR allowable on the original plot shall be permitted.
- 15-2.5 Any COS specified for any building shall be in addition to the setback prescribed for Road Widening of the road/street on which it abuts.

CHAPTER 16- PARKING REQUIREMENTS

16-1. Scope

Parking requirement for motor vehicles specified in these Regulations shall apply whensoever.

- 16-1.1. A new building is constructed or a change of use of existing building is established.
- 16-1.2. An existing building is altered and there is an increase in the floor area of the building, then additional parking requirement shall be totally applicable to the proposed addition only within the property limits as required under these Regulations.

16-2. General Conditions

- 16-2.1. The parking space, including ramps, shall not be included in FAR.
- 16-2.2. Total parking space requirement of every building shall be determined as a sum of parking requirement for each type of use to which the building is subjected.
- 16-2.3. Minimum clear height of parking structure without obstruction shall be 7'-6". (2.28m).
- 16-2.4. Detailed plan clearly showing entry, exit, gradient of ramp, turning radius, storage spaces, circulation and movement of vehicles etc. shall be submitted.
- 16-2.5. 16% of the total car parking space will be utilized to provide space for Motorcycle parking @ 6 Motorcycles and 8 bicycles for every one car
- 16-2.6. Minimum one out of every 50 car parking stalls shall be dedicated for the disabled person at the most convenient location.
- 16-2.7. When units of measurement used in computing the number of parking space result in the requirement of a fractional space, the nearest whole number to next higher side of parking spaces shall be taken.

16-3. Car lifts

- 16-3.1. where car lift are provided there shall be a minimum of two car lifts with facilities of standby generator where-ever so required.
- 16-3.2. Minimum one car lift wherever so required with standby generator shall be provided for every 40 cars, if parking level is at more than 40 ft. (12m) in height.

16-4. Application of Parking Requirements

- 16-4.1 Minimum one motor vehicle parking space shall be provided for:
 - 16-4.1.1 Every 6 bedrooms for a hotel of three star category and above. In addition to a per room requirement, parking space shall be provided for all other facilities e.g. restaurants, conference room, etc.

- 16-4.1.2 Every 10 beds and / or per consulting room of a Clinical/medical service building.
- 16-4.1.3. Every 100 sq.ft (9.29 sq.m) in places of all public assembly, unless specified as hereunder.
- 16-4.1.4. Every 50 visitors who can be accommodated by an area or structure for sports activities;
- 16-4.1.5. Every 2000 Sq. ft (185.87Sq.m) of floor area of office space in an industrial building unit or wholesale use facilities.
- 16-4.1.6 Every 800 Sq.ft (75Sq.m) of floor area of space for retail shopping;
- 16-4.1.7. Every 8 seats/occupancy of restaurant of banquet halls;
- 16-4.1.8. Every 1000 Sq.ft (92 Sqm.m) of business office;
- 16-4.1.9. Every 4000 Sq. ft (371.7 Sq.m) floor area of all educational institutions situated on a plot measuring 2000 Sq.yds and above.
- 16-4.1.10. Every 60 Sq. ft (50.4 Sq.m) of plot area of 1000 Sq.yds. (840.33 Sq.m) marriage lawn/hall;
- 16-4.1.11. Apartment building, residential or residential-cum-commercial building for every 1200 Sq. ft (111.52 Sq.m) floor area of only residential use, whereas commercial use area shall be governed by above relevant rules;
- 16-4.1.12. Every 3000 Sq.ft (27.88 Sq.m) of floor area of Cinema.

26-5.Parking Requirements for other uses.

- 16-5.1 In the case of land development, structure or facilities where use do not fit the categories given above, the agency determining and application for a development permit may require the provision of parking spaces to the extent reasonably necessary to promote any of the purposes after due vetting by Transport Department.
- 16-5.2. In addition to the foregoing requirement the Authority determining an application for a development permit shall require the provision of off-street parking spaces for all motor vehicles, including truck, fork lifter etc. and any animal-drawn vehicles essential for the operation of facilities or enterprises on the premises, and the provision of adequate loading and unloading facilities for industrial unit for supply vehicle so located as to the requirements of Transport Department.
- 16-5.3. As a condition for the granting of permission for land development involving the laying out of new roads, road widening or road expansion, or otherwise having a significant impact on traffic conditions in the vicinity GDA require any of the following: -
- 16-5.3.1 The provision of off-street parking space facilities of terminals for public service vehicles, including buses, taxis, truck and animal drawn vehicle.

16-5.3.2. The provision within transportation rights-of-way of parking strips or taxi, carriage, or bus stands, or loading and unloading spaces for supply vehicles, or.

16-5.3.3. The incorporation of any other design features necessary to achieve any of the purposes set forth in these Regulations.

16-6. Standards for Parking spaces.

16-6.1. Configuration of parking space under these Regulations shall conform to the minimum standards given in the table below.

Table -16-1.

| DESCRIPTION | FOR CAR | FOR MOTORCYCLE |
|---------------------------------|-------------------|-----------------------|
| Bay width | 8 ft.(2.43m) | 2.5ft.(0.75m) |
| Bay length | 16ft (4.86m) | 6 ft. (1.8m) |
| Gradient of ramp* | 1:7.5 | 1:8.5 |
| Straight Turning radius (outer) | 24 ft. (7.3m) | -- |
| Helical length Turning radius | 32 ft. (9.7m) | |
| Lot Turning radius. | 17.5 ft. 5.3 m) | |
| Minimum Ramp and Driveway width | | |
| Two way traffic. | 18 ft. (5.5m) | -- |
| One way traffic. | 11 ft. (3.4m) | -- |
| | as per table 24.2 | |

i). *For ramp gradient with 1:7.5 transition of 8.5 ft length shall be provided at start and termination of ramp with gradient of 50% of the main ramp gradient.

ii). For total climb of up to 3.3 ft (1m), the above shall be exempted.

Table -16.2.

| Angle of Parking (degrees) | Stall width Ft. | Stall length Ft | Kerb length per car Ft. | Stall depth Ft. | Min, one way driveway width Ft. | Lot width 1 row+1 driveway Ft. | Lot width rows+1 driveway Ft. |
|----------------------------|-----------------|-----------------|-------------------------|-----------------|---------------------------------|--------------------------------|-------------------------------|
| 0=along Kerb | 8 (2.4m) | 19 (5.8m) | 19 (5.8m) | 8 (2.4m) | 11.5 (3.5m) | 19.5(6.0m) | 27.5(8.4m) |
| 30 | 8 (2.4m) | 16(4.9m) | 18(5.5m) | 15(4.6m) | 12(3.7m) | 27(8.2m) | 42(12.8m) |
| 45 | 8 (2.4m) | 16(4.9m) | 17(5.2m) | 17(5.2m) | 12(3.7m) | 29(8.8m) | 46(14.0m) |
| 60 | 8 (2.4m) | 16(4.9m) | 15(4.6m) | 18(5.5m) | 21(6.4m) | 39(11.9m) | 57(17.4m) |
| 90 | 8 (2.4m) | 16(4.9m) | 8(2.4m) | 16(4.9m) | 25(7.6) | 41(12.5m) | 57(17.4m) |

16.7 Exemption from Provision of Parking Space

The following types of building /plots shall be exempted from provision of car parking space within the premises:-

16-7.1 Plots up to 720 Sq. yds. (600 Sq.m)

16-7.2. All buildings on plots of odd shapes and dimensions where there is no physical possibility of designed car parking space within the premises. The exemption in such case shall be given by the authority.

- 16-7.3. All places of worships.
- 16-7.4. Education buildings of low-income area/groups with due vetting by Transport Department.
- 16-7.5. Orphanage house, building for destitute or similar use after the vetting of to Transport Department.

16-8. Lighting Standard for Parking Lot

| <u>Area</u> | <u>Light Intensity (Foot Candle)</u> | |
|----------------------|--------------------------------------|------------------|
| | <u>Minimum</u> | <u>Desirable</u> |
| Entrance | 50-80 | 80-100 |
| Driving Aisles | 8-10 | 10-15 |
| Over park Vehicle | 3-5 | 5-10 |

CHAPTER 17- ZONING REGULATIONS/AREA STANDARDS

17-1.INTRODUCTION

17-1.1. In addition to the general conditions as specified in clause No. 17-1.2.to 17-1.10. Special conditions applicable to different categories of plots shall be applicable.

17-1.2. Chamfering for corner Plots

17-1.2.1 Unless otherwise specified in FIGURE -3, the corners of all plots abutting on two intersecting roads for auto vehicles shall be chamfered as follows:-

- a). From 30ft(9.0m) to 59ft (17.9m) width of the road, distance should be 6 ft. (1.83).
- b). From 60 ft. (18m) to 109ft. (33.22m) width of the road, the distance should be 9 ft. (2.74m).
- c). From 110 ft. (33.53m) and above width of the road, the distance should be 15 ft. (4.56m).
- d). In case building abuts on service road the chamfered will be governed on the width of the service road.

17-1.3.Projections

17-1.3.1. Boundary walls or any other structures in the front of the plot shall be totally within the plot.

17-1.3.2. For those sides of building which abut property line, no openings, projections or attachments of any nature whatsoever shall be permitted, except for those buildings where property lines abut on to a public street or a permanently open space.

17-1.4. Ancillary structures

17-1.4.1. Area of the car porch in house shall not be included in FAR, up to a maximum of 3809 Sq.ft. (35sq.m). If car porch is constructed in front or side COS, maximum clear overall height shall not exceed 8 ft. (2.43m) from the floor level of the plot, and a maximum depth of 20 ft. (6m) shall be allowed along the property line. No construction or occupancy shall be allowed over it within COS. However, any construction above car porch outside the COS shall be included in the FAR.

17-1.4.2. Staircase towers over the stair shaft shall be allowed with maximum clear height of 10 ft. (3m). This area shall not be included in FAR.

17-1.4.3. Guard from maximum 64 Sq.ft. (5.95 Sq.m) area having maximum height of 10 ft. (3m) from centre of the roads shall be allowed in the front COS in all types of plots having an area of 400 Sq.yds. (335 Sq.m) and above.

17-1.4.4. The loft area up to a maximum height of 5ft. (1.52m) on bathroom and kitchen shall not be included in FAR .

17-1.5. Space between blocks in Residential Plots.

In case where a number of Blocks are designed within the plot boundary, open space between two block on front and rear sides of the blocks shall be 50% of the height of the block minimum 30ft. (9m) and minimum open space between the blocks on other two sides of the blocks shall be 20% and minimum 15ft. (4.56m) of the height of the block.

17-1.6. Landscaped and recreation space.

17-1.6.1. In all residential and residential –cum-commercial projects for public sale, a minimum of 30% of the mandatory open spaces shall be properly landscaped. This landscaped space shall be left open to sky and shall not be used for parking of vehicles.

17-1.6.2. For all public sale / public use / industrial and commercial plots exceeding 600 Sq.yds. (502 Sq.m) a minimum of 8% of the permissible floor area ratio shall be provided for recreation facilities / children play area / prayer area. This area shall not be included in the total floor area up to a maximum of 8% of total floor area.

17-1.7. Exemptions from FAR.

17-1.7.1. In all commercial, public sale, public use and industrial buildings the following areas shall be excluded from FAR.

- a). Car, parking including ramps and driveways
- b). Building services area, such as sub-station, plant rooms lift shafts, lift machine rooms, electrical and mechanical ducts and electric power generator apace.
- c). Arcades, if provided.

17-1.8. Height related setbacks of buildings

For all buildings except houses the height of building will be such that it would not intersect an imaginary line from the opposite side of the main road serving the building at an angle of 60° with the horizontal. (Not applicable on chimney shaft of industrial buildings, flag masts and communication equipments).

17-1.9 Miscellaneous

No workshop for denting, painting or repairing of vehicles shall be allowed on commercial plots. In addition, a building intended to carry out dangerous and offensive trades, trades emitting obnoxious smell, factories and mills which produce noise, smell, smoke or other nuisance shall not be allowed to be constructed on commercial plots.

17-1.10 Height Restriction of the Building.

17-1.10.1. The restricted flying gap and safety zone as prescribed by the Civil Aviation Authority and PAF shall be taken into consideration while determining the height of the building.

17-2. RESIDENTIAL

17-2.1. Building Bulk Standards

All Residential house / bungalows shall observe the following standards, except where any of these standards are in conflict with Clause 17-9, in which case Clause 17-9 shall prevail.

| PLOT SIZE (Sq.yds) | FOOT PRINT | FAR | MINIMUM COS FRONT | MINIMUM COS SIDES | MINIMUM COS REAR |
|--|------------|-------|-------------------|-------------------------|--|
| Up to 59 (49.5m ²) | 85% | 1:2 | None | None | 15 Sq.ft. (4.5Sq.m) with min width 3ft. (0.9m) |
| 60-119 (50.4-100 ²) | 85% | 1:2 | 3 ft. (0.9m) | None | Courtyard 5ft.(1.5m) x 5ft.(1.5m) |
| 120-199 (100.8-167m ²) | 75% | 1:2 | 3 ft. (0.9m) | None | 3 ft. (0.9m) |
| 200-299 (168-251.3m ²) | 65% | 1:2 | 5 ft. (1.5m) | 5ft. (1.5m) on one side | 7 ft. (2.13m) |
| 300-399 (252-325.2m ²) | 65% | 1:1.8 | 5 ft. (1.5m) | 5ft. (1.5m) on one side | 7ft. (2.13m) |
| 400-499 (336-419.3m ²) | 55% | 1:1.5 | 7.5 ft. (2.25m) | 5 ft. 1.5m) | 7ft. (2.13m) |
| 500-999 (420-839.5m ²) | 50% | 1:1 | 10 ft. (3m) | 7 ft. (2.1m) | 7.5 ft. (2.25m) |
| 1000-1499 (840.31259.6m ²) | 45% | 1:1 | 15 ft. (4.56m) | 7 ft. (2.1m) | 10ft. (3m) |
| 1500 (1260.5m ²) & larger | 40% | 1:1 | 15 ft. (4.56m) | 7 ft. (2.1m) | 10 ft. (3m) |

Note: - Plots where original allotment conditions or previous rules provide for higher FAR than the one provided in the above chart (17-2.1) the FAR, which are on higher side, shall be adopted and numbers of floors shall be allowed in accordance with the allowable quantum of FAR.

17-2.2. Other Conditions.

17-2.2.1. Subject to the General Conditions as defined in Clause 17-1.

17-2.2.2. Height of all houses/bungalows measured from Plinth level but excluding parapet, overhead tank, lift machine room if required, staircase rower, and barsati, shall not exceed 35 ft. (10.66m) or three stories whichever is less (except for category H-plots of 4000 sq.yds and above where height of 72 ft 6 stories whichever is less will prevail).

17-2.2.3. Plots abutting on a public street on the rear shall be exempted from the provision of rear COS up to Plot size of 59 Sq.yds. (49.57 Sq.m). For plots greater than 59 Sq.yds (49.57 Sq.m), the rear COS shall be 50%.

17-3. COMMERCIAL

17-3.1. Building Bulk Standards.

All Commercial plots shall observe the following standards, except where any of these standards are in conflict with Clause 17-9, in which case Clause 17-9 shall prevail.

| PLOTS SIZE (Sq.Yds) | FOOT PRINT | FAR | MINIMUM ARCADE | MINIMUM COS SIDES UPTO 30FT.(9M) HEIGHT | MINIMUM COS SIDES ABOVE 30FT.(9M) HEIGHT | MINIMUM COS REAR UPTO 30FT.(9M) HEIGHT | MINIMUM COS REAR ABOVE 30FT.(9M) HEIGHT |
|---|----------------------------|--------|----------------|---|---|--|--|
| Up to 60 (50.42 m ²) | 90% | 1:2 | 8 ft.(2.5 M) | None | None | 5ft. (1.5m) x 5ft. (1.5m) | 5ft. (1.5m) x 5ft. (1.5m) |
| 61-299 (51.26-250m ²) | 85% | 1:2.50 |  |  |  |  |  | None | None | 5ft. (1.5m) x 5ft. (1.5m) | ---- |
| 300-399 (251-334m ²) | GF 85% Upper Fir-75% | 1:4 | | 5 ft. (1.5m) on one side only | 10% of building height above 30 ft. (9m), with a minimum of 5ft. (1.5m) | 7 ft. (2.1m) | 7 ft. (2.1m) |
| 400-599 (335-501m ²) | | 1:5 | | 5ft. (1.5m) | | | |
| 600-799 (502-835m ²) | 75% | 1:5 | | 7 ft. for 1000-1999 Sq.yds. 10 ft. (3m) for over 2000 Sq. yds. | 10% of building height above 30 ft. (9m), with a minimum of 10ft. (3m) | 10ft. (3m) | 10% of building height above 30 ft. (9m), with a minimum of 10ft. (3m) |
| 800-999 (669-835m ²) | | 1:5 | | | | | |
| 1000-2000 (836-1672m ²) larger | 65% | 1:5.5 | | | | | |

17-3.2. Other Conditions.

- 1). For plots abutting public street at the rear, COS above 30 ft (9m) shall be only minimum as specified for plot size.
- 2). Plots where the allotment condition or previous rules permit for higher FAR than the FAR noted in the above chart (17-3.1), the allotment condition or previous regulation which provide for higher FAR shall be adopted.
- 3). In case of corner plot, COS on sides abutting the lane or road shall be condoned arcade will be provided.

17-4. Flat Sites Category

| S NO. | FOOT PRINT | F.A.R | MINIMUM COS FRONT | MINIMUM COS SIDES | MINIMUM COS REAR |
|-------|------------|--------|-------------------|-------------------|------------------|
| 1. | 40% | 1:2.75 | 20 ft. (6m) | 20 ft. (6m) | 20 ft. (6m) |

17-4.1. Subject to the General Conditions as defined in Clause 17-1.

17-5. Amenity Plots

17-5.1. Subject to the General Conditions as defined in Clause 17-1.

| S.NO. | PLOT SIZE | FOOT PRINT | F.A.R | MINIMUM COS FRONT (ft) | MINIMUM COS SIDES (Ft.) | MINIMUM COS REAR (Ft.) |
|-------|--------------------|------------|-------|------------------------|-------------------------|------------------------|
| 1. | LESS THAN 1.0 ACRE | 50% | 1:1.5 | 10 (3m) | 10 (3m) | 10 (3m) |
| 2. | 1.0 ACRE AND ABOVE | 50% | 1:1.5 | 20 (6m) | 20 (6m) | 20 (6m) |

Note:

The number of floors shall be restricted to Ground + 2 floors.

Elevators / lift and or ramps (Slope 1:12) for pedestrian and stretcher use Shall be provided for all hospital and health out-lets of more than Ground+1 floors.

17-6 INDUSTRIAL AREAS (other than defined in clause 17-9)

| S NO | PLOT SIZE SQ.YARD | FOOT PRINT | FAR | MINIMUM COS FRONT (Ft) | MINIMUM COS SIDES (Ft) | MINIMUM COS REAR (Ft) |
|------|-------------------------------|------------|-------|------------------------|------------------------|-----------------------|
| 1 | Up to 1100 (460m) | 70% | 1:2.5 | 8 (2.44m) | 5(1.5m) one side | 10 (3m) |
| 2 | 1101to2500 (461-2090m) | 70% | 1:2.5 | 10 (3.0m) | 10 (3m) each side | 10 (3m) |
| 3 | 2501to 20000 (2091-16722m) | 65% | 1:2 | 20 (6.0m) | 15 (4.5m) each side | 15 (4.5m) |
| 4 | 20001 to 30000 (16722-25084m) | 60% | 1:2 | 20 (6.0m) | 15 (4.5m) each side | 20 (6m) |
| 5 | 30001 to 45000 (25085-37625m) | 60% | 1:1.5 | 30 (9.13m) | 15 (4.5m) each side | 20 (6m) |
| 6 | Above 45000 (37625-m) | 60% | 1:1.5 | 30 (9.13m) | 15 (4.5m) each side | 45 (13.5m) |

17-6.1 Subject to the general conditions as defined Clause 17.1.

17-6.2 The area of the following structures will not be treated as floor area:-

- 17-6.2.1. Over head Tank.
- 17-6.2.2. Underground Tank.
- 17-6.2.3. Open Platform.
- 17-6.2.4. Above ground open washing space and water Tank.
- 17-6.2.5. Underground chemical stores.
- 17-6.2.6. Gas Sub –Station.

- 17-6.2.7. Oil Tank.
- 17-6.2.8. Underground air raid shelter not exceeding 10% of the foot print.
- 17-6.2.9. Electrical /mechanical plant room.
- 17-6.2.10. Parking space.
- 17-6.3 For industrial units on plots over 3500Sq.yds.(2926.42Sq.m), loading and unloading facilities shall be provided within the area of the plot, in keeping with the functioning of the industrial unit.
- 17-6.4 Change in nomenclature / type of industry is permissible upon clearance from the concerned Authority.
- 17-6.5 Only those industries will be permitted as are not considered hazardous or obnoxious as defined by the insurance association of Pakistan (1996) of hazardous category (1) and (2) and/or defined in the list given in clause 17-6.11.
- 17-6.6 The following single story structures will be permitted in the COS along the access road/s.
- 17-6.6.1 QESCO substation to the required size by the authorities.
- 17-6.6.2 Time/Gate office of 150sq.ft (13.94Sq.m) area.
- 17-6.6.3 Guard/Security room of size not more than 90Sq.ft (8.36Sq.m).
- 17-6.7 All effluents discharged from industrial processes will be in keeping with the standard laid down by the applicable federal / provincial / local government environmental standards.
- 17-6.8 In all buildings /containers used for storage of inflammable materials approval of chief inspector of Explosives is mandatory.
- 17-6.9 For installation of all Boilers in /outside the factory, special approval from the chief inspector of boilers as mandatory.
- 17-6.10 For industries using natural gas, the laying/testing certificate of pipes has to be furnished by contractors who are registered with the relevant gas company.
- 17-6.11 All hazardous waste shall be disposed off as per conditions mentioned in the clause No.12.4 of chapter 12.
- 17-6.12 List of specific trades in industries which are required specially designated /approved areas for their locations (excluding residential and general industrial zones).
- 17-6.12.1. Dangerous trades in inflammable materials.
- a) Timber.
 - b) Fire-wood in excess of 500 mounds, charcoal in excess of 300 bags, and coal in excess of 100 bags.
 - c) Hay and straw.
 - d) Sugar refining

- e) Acetylene gas manufacture
- f) Ammonia, chlorine or bleaching powder manufacture
- g) Distillation of coal, petroleum, refuses grade or bonus.
- h) Storage of petroleum in excess of 19,984.8Gallons (75,700 liters).
- i) Manufacturing of gunpowder and firecrackers etc.

17-6.12.2 Offensive trades emanating obnoxious smells / effluents

- a) Processing and trading in bones, tallow, offal, fat, blood, hides, skins, manure, catgut, oilcloth, fish and hoofs.
- b) Burning of lime, manufacturing of cement, bricks, earthenware and pottery.
- c) Coke ovens
- d) Crematory
- e) Glue size or gelatine manufacturing where the processes include the refining or recovery of products from fish, animal refuse or offal.
- f) Grease, lord, fat or tallow rendering or refining, line, cement manufacture.
- g) Rubber or guttaparcha manufacture or treatment, shoe polishes manufacture.
- h) Slaughtering of animals.

17-7. COTTAGE INDUSTRIES, WORK-SHOP, GODOWNS

17-7.1. Subject to the general conditions as defined in Clause 17-1.

| S.No | PLOT SIZES(SQ.YDS) | FOOT PRINT | F.A.R | MINIMUM COS FRONT(Ft) | MINIMUM COS SIDES(Ft) | MINIMUM COS REAR(Ft) |
|------|-----------------------------------|------------|--------|-----------------------|-----------------------|----------------------|
| 1 | Less than 120(100m ²) | 80% | 1:2 | ----- | ----- | 5 (1.5m) |
| 2 | 121-240 (100-200m ²) | 70% | 1:2 | 5 (1.5m) | ----- | 8 (2.5m) |
| 3 | 241-500 (201-418m ²) | 70% | 1:1.75 | 5 (1.5m) | ----- | 8 (2.5m) |
| 4 | Above 500 (418m ²) | 70% | 1:1.5 | 10 (3m) | 10 (3m) | 8 (2.5m) |

17-7.2 Under no circumstance will any type of hazardous, obnoxious, offensive or noisy activities be carried out which create a nuisance for the neighbours and the locality as specified in clause 17-6.12.

17-8 DAIRY PLOTS

17-8.1. Subject to the general conditions as defined in Clause 17-1.

17-8.2. These are special type of plots, where processing of milk into various items will be done. Cattle or other livestock will not be allowed on these plots.

17-8.3. Not more than 1/3rd of the plot area shall be allowed to be covered including all ancillary structures.

17-8.4. Compulsory open space of 20ft.(6m) all around shall be left.

17-9 CINEMA HOUSES

- 17-9.1.1 Subject to the general conditions as defined in clause 17-1.
- 17-9.1.2 In addition to the cinematograph Act confer ,the following standards shall be adopted:
- 17-9.1.3 The spacing between the rows of seats shall be calculated as follows:
- 17-9.1.3.1 The minimum width of seats shall be 18 inches (0.5m)
- 17-9.1.3.2 The minimum back to back space between the rows of the seats shall be 3 ft (0.91m).
- 17-9.1.3.3 The minimum width of gangway shall be 4ft (1.21m).
- 17-9.1.3.4 No cinema shall be planned within 700ft (213.21m) of any mosque, religious building, hospital, public building or school.
- 17-9.1.3.5 Floor area ratio shall be followed 1:1 for plots meant for cinema houses.
- 17-9.1.4 No residential accommodation except a single room accommodation of a maximum covered area not more than 250sq.ft (23.23sq.m) shall be allowed.
- 17-9.1.5 The size of the cinema shall be calculated on the basis of no of seats@ 20sq.ft.(1.86sq.m) per seat.

17-10 PETROL STATIONS

- 17-10.1 Subject to the general conditions as defined in clause 17-1
- 17-10.2 For the purposes of the term “Petrol stations” means a station for the sale, at retail, of petrol and ancillary products for motor vehicles.
- 17-10.3 A petrol station may be located only on a main collector street having a total right of-way of at least 60 ft.(18.27m).
- 17-10.4 A petrol station may not be located with in 0.62 mile (1km) of the site of an existing or approved petrol station unless the petrol station and the other such site or sites are located on the opposite site of a street having a right-of-way of not less than 100 ft (30m) and a dividing median strip.
- 17-10.5 The minimum street frontage of a petrol station shall be 60 ft.(18.27m).
- 17-10.6 The minimum area of a petrol station used for petrol filling facilities and servicing activities shall be 1000sq.yds.(840sq.m) Provided ,however, that in built up areas with limited available space ,the MP&ECD may permit a reduction to no less than 600sq.yard.(504.20sq.m) if at least 10 ft .(3.04m) of open space is mentioned on each side of the petrol station.
- 17-10.7 Access roadways shall be constructed in accordance with the Following requirement:
- 17-10.7.1. No access roadway cross the sidewalk at an angle of more Than 45 degree.
The width of each lane shall be at least 12ft.(3.6m:);

Both an “in” and “out” roadway shall be provided respectively leaving and entering the approach traffic line at an angle of not more than 45 .

17.11 SPECIAL PROVISIONS.

For giving Gwadar a special feature some broad Principles have to be observed.

17-11.1 The buildings should have outers walls with light colours including colours of mud, normal stone and Greenish look.

17-11.2 The sides of the buildings facing the road should have windows with any sort of arches and the building added with minarets & domes. Glass Towers may also have outer glass shield with carvings shaping as arches.

17-11.3 Shutter doors be avoided.

17.12 FEES/ PENALTY ON CONSTRUCTION WORKS

In the 7th Meeting of the Governing body held on 10th February, 2008. GDA also pleased a proposal before the Governing body procedure/ for imposing penalty on account of violation of Building Control Regulation 2005 which were approved as under.

| S.No | PURPOSE | FEE |
|------|--|--|
| 1 | Construction OF Building without prior approval of this Authority | For Commercial Rs: 07/Sq.Ft For Residential. Rs: 05/Sq.Ft |
| 2 | External and Internal change on approved design in construction without prior approval of authority. | For Commercial Rs: 04/Sq.Ft For Residential. Rs: 02/Sq.Ft |
| 3 | Violation of specification given by the consultant or Authority if rectifiable | For Commercial Rs: 04/Sq.Ft For Residential. Rs: 02/Sq.Ft |
| 4 | Demolition of construction | Rs: 02/ Sq.Ft |
| 5 | Exceeded floor area ration | For Commercial Rs: 12/Sq.Ft For Residential. Rs: 10/Sq.Ft |
| 6 | Violation of sale deed agreement between client & Builder or misguided general public regarding public sale project. | Rs: 05/ Sq.Ft |
| 7 | Reasonable fee for Each proforma. | Rs: 50/ Sq.Ft |

CHAPTER 18- INSTALLATIONS OF TOWERS / ANTENNAS
BUILDING PLOTS

The following rules / procedures shall be applicable for installing for installing of towers / Antennas.

a) Location

The antennas / Towers may be allowed on the buildings as well as, on the open spaces.

b) Maximum Height

Maximum height of the Antennas / Towers will be 230-feet from the road level.

c) Structure Stability Certification

The applicant should provide structure Stability Certificate duly signed by qualified M.Sc Structure Engineer, having 5-years experience and valid registration with Pakistan Engineering Council, the approving authority will verify this certificate.

d) Affidavit Regarding damages

The applicant should submit affidavit on stamp paper, starting that in case of any damage to adjacent private /public building as well as utility services, caused during and after the installation / construction of Antennas and their auxiliaries, the company shall be responsible and shall bear all such damages.

e) Fee Criteria

A fee of Rs.20,000/= of all such cases shall be charged for each Antennas Tower, the Competent Authority may revise the fees from time to time.

f) Application Procedure

In case of areas under the GDA, the concerned company shall apply to the Chief Controller of Building, GDA for the installation of the Tower / Antennas along with the following documents.

- i. NOC from the owner of the company.
- ii. Detailed design of the proposed tower /Antennas.
- iii. Structure stability certificate from a qualified structure Engineer as prescribed.
- iv. Affidavit from the Director of the Company regarding damages.

Chief Controller of Building may forward all the concerned documents to Director Town Planning / Chief Engineer, to comment and record their objections if any.

g) Existing Tower / Antennas

The concerned Controller of Building will issue notice to the owner and the concerned Companies for removal of the tower / Antennas to apply for legalization of the same, in case no application is received within the notified period of 30-days then the concerned Controller of Building will take demolition action.

h) Payment of Fee

After issue of demand notice, the applicant will have to pay the fee within 30-days, in case of non-payment permission will be withdrawn and legal action will be initiated.

i) Redundant Towers / Antennas

In case if a Company decides to discontinue the use of tower / Antennas it will be the responsibility of the company / owner to remove the same within 30-days, from the laps of sanction granted.