

PLANNING

● PHYSICAL ● FINANCIAL ● TIME ● DIRECTION ● STRATEGY

ARTICLES

50
YEARS

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Papers Prepared By R.G.Gupta

Regional Planning of Argentina;
Andman & Nicobar Island.

T&T Plans of Roads; Railways, Metro's;
Eastern & Western Expressway and all
other imp. roads. To solve traffic
Problems; Integrated freight complex;

Different types of housing Schemes.

Spatial Planning of NCR; CNCR; and
Delhi

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SUMMARY OF SPATIAL PLANNING

From Government Master Plans

And Other Articles

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FUTURE PLANS

Regional Plan and Master Plans
from 2013 to 2031

BY

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2013

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ARTICLES

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(i) Polygonal Centres, (ii) Decentralisation of wholesale trade, (iii) Inter and Intra- connection of these eight Planning Divisions, (iv) Inner Ring Road, (v) Ring Road, (vi) Outer Ring Road, (vii) Arterial Roads, (viii) Proper Links with Ring Towns in Metropolitan Delhi, (ix) Narela, (x) Sonapat, (xi) Loni, (xii) Ghaziabad, (xiii) Faridabad, Ballabgarh, (xiv) Gurgaon, (xv) Bahadurgarh, (xvi) Link of Place of work, with place of living as enjoying, (xvii) Linking of both sides of river Yamuna in Delhi, (xviii) Over and under-bridges on railway lines (20 nos.)

8. DECONGESTION OF NEW DELHI RAILWAY STATION, 1984 (PAGES 16)

1. Introduction
 2. Facts About The New Delhi Railway Station
Fig. 1, Location of the New Delhi Rly. Station with reference to adjoining areas.
 3. Traffic Requirements as Computed by railway department.
Fig. 2, Existing Land use Plan
Fig. 3, N.D.R.A.C. Plan
 4. Calculation of Number of Vehicles and Parking Requirement
(A). BASIS FOR CALCULATION RECONNAISSANCE SURVEY AND EXPERIENCES
 - (i) For regional traffic in peak hours (15,000 passengers at a time)
 - (ii) For commuter traffic in peak hours (7000 commuters at a time.)
 - (iii) Capacity of different modes of transport. A slow moving vehicle would accommodate=5 passengers.**(B).** NUMBER OF VEHICLES TO BE PARKED AT A TIME (IN A HOUR)
 - (1) For Regional Traffic,
 - (i) For Regional & Commuter Traffic:
 - (2) For local commuter traffic:
 - (3) Total number of vehicles (a+b),**(C).** AREA REQUIREMENT FOR PARKING,
5. RECOMMENDATION AND PROPOSAL.
 - A.** CIRCULATION PATTERN OUTSIDE THE COMPLEX
Fig. 4 Proposed plan of secondary entry to New Delhi Rly. Station
 - B.** CIRCULATION PATTERN WITHIN THE COMPLEX
 - (i). Incoming traffic (Map photograph No. 5)., (ii). Outgoing fast traffic (Plate 2), (iii). Slow Moving Vehicles, (iv). Pedestrians, (v). Parking Facilities

- C. Facilities within the complex
- D. Environmental Improvement
- E. Design of the railway station building
- F. Cost of the project
- G. Time Span

9. ESTABLISHMENT OF SERVICE CENTRES IN DELHI, 1984 (PAGES 20)

1. Position of informal sector including number of vehicles in 1981
2. Concept of service Centre
3. Surveys conducted in July, 1984
 - (i) Location, (ii) Area (In Sq. MTRS.), (iii) Type Of Workshop, (iv) Nature Of Trade, (v) Location and type of trades to be permitted in service centres, (vi) Economics of the Scheme

10. PLANNING & DEVELOPMENT OF WALLED CITY OF DELHI, 1984 (PAGES 14)

1. Changes in Activities
2. Based on Recent Surveys, the Changes can be summarised
3. Planning Inputs & Options
4. Outline Proposals to Improve the System of Circulation Planning Inputs
5. Administrative Inputs
6. Cash Flow Statement For Development Of Slum Areas
7. Abstract of Statements For Slum Areas

11. PROJECT REPORT ON POLICIES AND REGULARISATION OF UNAUTHORISED COLONIES, CITY PLANNING WITH DELHI DEVELOPMENT AUTHORITY, 1984 (294 PAGES)

1. Introduction
2. Status and Problems of Unauthorised Colonies; Types, categories, characteristics and How to deal with these problems, various issues, physical, fiscal, legal and miscellaneous.
3. Steps to be followed in regularization of unauthorised colonies.
4. Decisions taken so far, a brief sketch of various Annexure.
5. Physical Planning.
6. Salient features of the Colonies which have not been regularized.
7. Land Policy about Unauthorized Colonies.
8. Fiscal Planning
9. Type of Institution Required
10. Conclusion & Recommendations

12. FUTURE TRANSPORT TECHNOLOGY IN METROPOLITAN CITIES WITH SPECIAL REFERENCE TO DELHI. 1983

1. Problems of traffic and transportation increase with the population, advancement in science and technology, upliftment in socio-economic conditions, order in the hierarchy of settlements and number of urban functions. Delhi, the capital of India, is expected to have 20 million urban population and 28 million passenger trips by 2010 A.D. The paper states that if the present trends of rate of increase in vehicles continues and new modes of transport are not introduced then by 2010 A.D. there will be 1.8 million fast moving vehicles and 3.7 million cycles.
2. The paper states that upto 2001 A.D. , a total amount of Rs. 30 billion is required for the execution of different projects concerning to traffic and transportation. But receipts collected by different systems may continue to be meagre. It is also a fact that Delhi roads cannot take 28 million passenger trips at all; Even today, when the number of passenger trips is only 7 million, there is a loss of Rs. 290 million per year due to loss of human lives in accidents, and loss of Rs. 876 million due to more time in journeys. The position by 2010 A.D. may be worst and total loss may reach to many billions per annum. To tackle the problem underground system is a must. For this how to arrange the resources has been explained in the paper.
3. The paper further states that landuse resources can be tapped to take part of the expenditure of the traffic and transportation system. An analysis has shown that 15% of the total receipts, from various urban projects, can be invested in the projects of Traffic & Transportation.

13. DEVELOPMENT OF RIVER YAMUNA.

1. Background and facts, 2. Objectives & Methodology, 3. Pre-requisites of the project., 4. Action Taken So far, 5. River Morphology, 6. River Pollution & Sewerage System, 7. Zoning Regulations and other Legal Measures, 8. Rehabilitation of Jhuggies, 9. Physical Plans, 10. Financial Plans, 11. Creation of a Board/ Authority, 12. Identification of Projects, 13. Units to be created and BOQ for the next stage.

14. GOOD PHOTOGRAPHS OF INFORMAL MARKETS AND TEMPORARY STRUCTURE IN, 1985.

1. Unauthorised Market of East of Bharola Village.
2. Informal Market at Azadpur Chowk.
3. Herbs Sellers of Indira Gandhi Camp at Kalyanpuri.
4. Labour Camp Near Kalkaji Temple.
5. J.J.Cluster at North Of Desh Bandhu Gupta Road Near Motia Khan.
6. Commercial Squatters at The Junction Of Military Road And New Rohtak Road.
7. Puppetiers Of Shadipur Depot.
8. J.J.Cluster At Rama Road Plot No 58-B.
9. Indira Market at R.K. Puram.
10. Commercial Squatters at Nehru Place Opposite N.T.P.C.
11. Rama Market at Munirka Village
12. J.J. Cluster Tuglakabad Institutional Area.
13. J.J.Cluster at Kalkaji
14. Rehari Market Near Sarai Peepal Thala.

15. Auto Workshops along G.T. Road, South Of Bharola Village.
16. J.J.Cluster East of Existing 80FT. Road Leading To Hamdard.
17. J.J.Cluster along 80FT. Road South OF Govindpuri Extension.
18. Encroachers on 80FT. Road entering Into Azadpur Subzi Mandi.
19. Jhuggi- Jhompri Cluster at Bhooli Bhatari Near Faiz Road Chowk.
20. J.J.Cluster near the Dargah Of Hazart Khuda Novma.
21. J.J.Cluster at Motia Khan.
22. J.J.Cluster at Sarai Juliana.
23. Herb Sellers near Sarai Juliana.
24. Nehru Camp J.J.Cluster at Nehru Place.
25. Unauthorised Market at Possaingipur.
26. J.J.Cluster near J & K Blocks, Jahangirpuri.
27. Fruit Sellers of New Rohtak Road.
28. J.J.Cluster At Community Centre Site, Sarai Peepal-Thala, Bharola.

15. SCHEME FOR CONSTRUCTION OF TENEMENTS FOR LANDLESS LABOURERS IN DELHI, 1986 (PAGES 20)

1. Introduction,
2. Objective,
3. Background,
4. Urbanised Villages,
5. Target Group,
6. Villages in the rural areas,
7. Strategy for housing the landless labourers,
8. Community facilities and Employment generation,
9. Resource generation plan
(i) Seventh Five Year Plan, (ii) Annual Plan 1986-87.,
10. Summary

16. TRAFFIC AND MASS TRANSPORTATION SYSTEM IN DELHI, 1986 (PAGES 85)

1. Introduction
2. Constitution of the committee and Finalization of the report.
3. Recommendations made on various components of Traffic and Transportation.
(i) Various modes of transport, (ii) Electric Ring Railway, (iii) Electric trolley bus, (iv) Battery powered bus, (v) Modes namely urban rail, (vi) Infrastructural facilities, (vii) Integrated freight complexes and truck terminals, (viii) New Railway Terminals in Delhi, (ix) Express Cycle Tracks, (x) Decentralization of work places
4. Type of Institution.
(i) Unified Metropolitan Transport Authority, (ii) Set up of Directorate of Transport Delhi.
Other recommendations made by the Committee are as under
5. Short Term Measures
6. Names of studies conducted on the subject of Traffic and Transportation
7. Proposed Studies by the Committee.

17. A NEW CONCEPT FOR PRESERVATION OF GREEN OUTSIDE THE URBAN LIMITS, 1986 (PAGES 7)

1. Introduction
2. Area and its Characteristic
3. Alternative Development Strategies
4. Physical Planning of the Complex
5. Fiscal Policy of the Complex

18. NATIONAL SEMINAR ON MOTOR VEHICLE ACT 1988 & PROVISION FOR ROAD SAFETY, 1989 DEC (PAGES 18)

1. Background
2. Positive Development
3. Management Systems
4. Regulatory Controls
 - (1) Present Position
 - (i) The Road Transport Corporation Act 1950., (ii) Motor Vehicle Act, 1988, (iii) The Delhi Police Act, 1978., (iv) The Environment (Protection) Act, 1989, (v) The Air (Prevention & Control of Pollution) Act, 1981, (vi) The National Highway Act, 1956, (vii) The National Highways (Prevention of Ribbon Development and levy of betterment charges) Bill., (viii) Land Acquisition Act, 1984, (ix) Delhi Development Act, 1957
 - (2) Proposed Act

19. DEVELOPMENT MANAGEMENT AT NATIONAL LEVEL (ORGANIZATIONS, RESOURCES & OPERATIONAL STRATEGY), 1989 (PAGES 27)

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 - (i) Residential, (ii) Industrial, (iii) Institutional
2. Rural Development
3. Institutions and Management
4. Factors For The Management Of Various Institutions
 - (i) Coordination/Integration, (ii) Extent of Jurisdiction, (iii) Delineation of Functions, (iv) Time Consideration, (v) Availability of Skilled Personnel
5. Theory for Organisational Structure for Urban Settlement
6. Use of British Experience
7. Functions of Ministry of Urban Development
8. Few Facts about Urbanisation

20. ROLE OF PHYSICAL PLANNERS IN PANCHAYATI RAJ, 1989 (PAGES 18)

1. Dimensions Of Rural And Urban Villages

2. Proposed System
 - (i) Structure, (ii) Functions, (iii) Structure
3. Role of Physical Planner
 - (1) Rural Villages
 - (i) Physical Infrastructure, (ii) Circulation, (iii) Social Infrastructure, (iv) Economic Infrastructure, (v) Shelter, (iv) Total Position
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21. SEP. - PANCHAYATI RAJ INSTITUTION IN DELHI ORGANISED BY BHARAT NIRMAN, 1989 (PAGES 18)

1. Panchayati Raj Institution in Delhi.
2. Dimensions of rural and urban villages with reference to NCR, DMA, Delhi UR, Mother City, Growth Centres, Growth Points and Basic Villages in terms of –
 - (i) Physical infrastructure namely- water, sewer, drainage, power, sanitation and Tele - communication., (ii) Circulation system; (iii) Social infrastructure- education, health, social security, social justice and recreation; (iv) Economic infrastructure, (v) Shelter, (vi) Total position
3. Proposed system
 - (i) Important issues in planning of rural and urban villages., (ii) Division of Delhi into 13 books coinciding with planning divisions., (iii) Proposed structure at village, block & state levels.
4. Role of Physical Planner.
 - (i) Physical and fiscal plans at various levels., (ii) Coordination, integration, evaluation, and monitoring of planning, development, construction and management of urban/ rural spaces in urban and rural village.

22. CONCEPT OF URBAN RENEWAL WITH REFERENCE TO WALLED CITY OF DELHI, 1989 (PAGES 19)

1. Concept of Urban Renewal.
2. Planned Colonies.
3. Sub Standard Areas.
4. Urban Renewal as defined in Master Plan 1962.
5. Urban Renewal as envisaged in P.D.P- 2001.
6. Case Study of Walled City of Delhi.
7. Background.
8. Provisions made in various plans.
9. Provisions as given in Master Plan 1962.
10. Provisions as Given in P.D.P 2001.
11. Proposals.
12. Traffic and Transportation System.
13. Type of Surveys Conducted.
14. Table: - 1 Parking Trends in the Walled City.
15. Table: - Pedestrian volume along and across the major roads during peak hours.

16. Analysis and Results
17. Preservation/ Conservation of historical monuments, religious structures, streets of architectural importance.
18. Reduction in Pollution and shifting of bulk trade and obnoxious and polluting industries.
19. Provision of public and semi- public facilities
20. Hidden Economic Forces.
21. Use of Government Properties.
22. Mixed Land Use
23. Creation of an Authority
24. Funding from public, private and cooperative sectors.

23. REMOTE SENSING, AND AERIAL PHOTOGRAPHY, - IMPORTANT TOOLS OF CITY PLANNING WITH SPECIAL REFERENCES TO DELHI SUPER METROPOLITAN CITY, 1990 (PAGES 40)

1. Remote sensing and aerial photography are important tools in City Planning and have been dealt with in following three parts:-
 - (i) Creation of a department of Remote Sensing /Aerial Photography- Infrastructure support system., (ii) Settlement Planning at National Level., (iii) System of physical planning of Delhi- a Super Metropolitan City.
2. Creation Of A Department Of "Remote Sensing/Aerial Photography, Infrastructure Support System" – Case Example Of Delhi.
 - (i) Background, (ii) Small scale maps in the scale of 1:2, 50, 000; 1:25,000 and 1:20,000., (iii) Medium size maps in the scale of 1:15,000; 1: 10,000; 1: 6000 and 1: 5000., (iv) Large size maps in the scale of 1:2500; 1:500 and 1: 1000., (v) Very large size maps in the scale of 1: 200; 1: 100; 1: 50 etc.
3. Settlement Planning At National Level
 - (i) Population characteristics, (ii) Settlement Policy., (iii) Planning of Settlements, (iv) Urban Land Policy, (v) Planning of Transport Systems, (vi) Shelter, infrastructure and services, (vii) Institutions and Management, (viii) Public Participation, (ix) Urban Finance
4. Case example of Delhi
 - (i) Historical perspective, (ii) Substantial developments Over the last three decades., (iii) Present day problems, (iv) Plan for a Super Metropolitan City- case example of Delhi, (v) Type of Plan for Delhi, (vi) Preparation of Delhi Master Plan as a part of National Capital Region Plan., (vii) Policy about sub-standard areas, (viii) Problems of the Walled City, (ix) Planned development in private sector. (x) Type of authority to deal with the plan., (xi) Important projects to be implemented.

24. PLANNING OF A 5-STAR HOTEL.

1. Aspects of Physical Planning
 - (i). Location of the site & its physical characteristics,

(ii). Details of the plot & zoning regulations, (iii). Tentative space standards for different activities, (iv). Requirements of the projects., (v). Time required for the completion of the project.

2. Economic Aspects of the Projects.
 - (i). Cost of the Project before it is commissioned
 - (i). Cost of land, (ii). Cost of development land, (iii). Cost of the structure, (iv). Cost of Plants & Machinery, (v). Cost of miscellaneous fixed assets., (vi). Interest on the capital, (vii). Vacant land tax
 - (ii). Cost, after the Hotel is commissioned
 - (i). Receipts., (ii). Expenditures, (iii) Profitability of the Project

25. MEGA CITIES WOULD BE POLLUTED BY 2010 AD CASE EXAMPLE OF DELHI, 1990 (PAGES 18)

1. Dimensions of Delhi by 2010 A.D.
 - (i) Physical Infrastructure, (ii) Sewage Treatment, (iii) Power
2. Type and level of pollution
 - (i) Global Level, (ii) Country Level (Some Facts)
3. Physical Parameters of Pollution in Environment (Case Example Delhi)
 - (i) Water Pollution, (ii) Checking of Pollution in River Yamuna, (iii) Air Pollution, (iv) Noise Pollution, (v) Soil Pollution
4. Social & Human Parameters of Pollutions in Environment
5. Physical Planning at Various Levels
6. Financial Planning of the Environment
7. Legal Planning of the Environment

26. SPATIAL PLANNING & DEVELOPMENT PHILOSOPHY SPATIAL PLANNING STRATEGY & SYSTEM AND URBANISATION IN DELHI A BLESSING OR A CURSE, 1990 (PAGES 14)

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2. State Priority
3. The Urban Rural Nexus
4. Intervention in Spatial Planning
5. The Human Face of Cities
6. Distance between place of living and place of work
7. Density and Intensity of Development
8. Employment
9. Land Supply
10. Urbanisation in Delhi- a blessing or course
11. Policies

27. DIMENSIONS OF HOUSING IN DELHI – A SUPER METROPOLITAN CITY, 1991 (PAGES 15)

1. Lands
 - (i) Position Of Acquired Land In Delhi
 - (ii) Land Requirements For 8th Five Year Plan
 - (iii) Cost Of Acquisition Of Land
 - (iv) Revolving Fund/Seed Capital/Loan From The Central Govt.
 - (v) Identification Of Pockets
2. Housing
 - (i) Housing Needs
 - (ii) Housing Shortage
3. New Strategies Proposed To Achieve Housing Targets
4. Details of Housing
 - (i) Relocation Scheme:
 - (ii) Onsite Development and Construction of Small Dwelling Units on Pravog Vihar Pattern
 - (iii) Environmental Improvement Programme in Jhuggi Cluster :-
 - (iv) Structural Improvement and Reconstruction of Katras

28. PLANNING, DEVELOPMENT AND CONSTRUCTION OF URBAN SPACES IN DELHI: AN OVERVIEW, 1991, (PAGES 5)

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2. Population
3. Sub-Standard Areas
4. Services
5. Roads
6. Decongestion

29. HOUSING SITUATION IN VARIOUS METROPOLITAN CITIES OF INDIA AND PROPOSED HOUSING STRATEGY 1992 - SEPTEMBER (PAGES 23)

1. Introduction
2. Data about Urbanisation and Housing (Part-I)
3. Urbanisation Trend in India.
4. Table No. 1: Urbanisation Trend in India.
5. Number of Settlements according to size class India; 1901-1991
6. Percentage Distribution of Number of Urban Agglomerations/ Town by Size Class India; 1901-1991
7. Table No. : - Number of Settlements According to size class – India 1901-1991*
8. Table No. : - Percentage Distribution of Number of Urban Agglomerations/ Towns by size class- India; 1901-1991
9. Percentage Distribution of Urban Population by size class-India; 1901-1991

10. Table No. 4:- Percentage Distribution of Urban Population by size class- India; 1901-1991
11. Distribution of Class-Urban Agglomeration/Cities having population of More Than a Million 1901-1991
12. Table No.5:- Distribution of Class-1 Urban Agglomeration/Cities by Population sizes- 1991
13. Characteristics of Urban Agglomeration /Cities having population of more than a Million 1901-1991
14. Table No.6:- Growth of Metropolitan Cites- 1901-1991.
15. Population and other Details of Metropolitan Cities as Per 1981 Census.
16. Table No. 7:- Population and Number of Households and Occupied Houses: Details of Metropolitan Cities- 1981.
17. Estimated Housing Demand and Supply in 20 Metropolitan Cities in 1991 and 2001.
18. Estimated Urban Population and Slum Population in 12 Metropolitan Cities in 1990.
19. Table No. 9:- Number of Schemes, Project Cost, Loan ETC, Assisted by Hudco Up to 1991.
20. Table No. 10:- Estimated Urban Population and Slum Population in 12 Metropolitan Cities for 1990.

30. SITU DEVELOPMENT AND CONSTRUCTION OF URBAN SPACES FOR LOW COST HOUSING IN SEELAMPUR, DELHI, 1992 (PAGES 23)

1. Basic on Squatter Settlements in Delhi
2. Theory of Low Cost Shelter Low Cost Shelter in Feasible
3. Availability of Land
4. Tenurial Rights
5. Comprehensive Planning
6. Integrated Development
7. Allotment of Urban Spaces
8. Maintenance of the Complex
9. Information System
10. System of Development and Construction of Urban Spaces with Self-Help and within Affordability Limit.
11. A Case Example of " In/ Around SITU Development and Construction of urban Spaces for Low Cost Housing for Squatter Families in Seelampur in Trans Yamuna Area in Delhi.
12. General Policy on the Subject of "In /Around SITU Development and Construction of urban Spaces of Jhuggi Clusters.
13. Principles of Design of SITU Development, Construction and up gradation of Jhuggies.
14. Transfer of Development Rights
15. Design of the Cluster
16. Location of the Particular Complex and Analysis of the Site
17. Comparison with the Master Plan Areas.
18. Proposed Modification in Land Use Break-up of 29 ha.
19. Parameters for Design of Clusters
20. Proposed Land Use Break-up of 12.5 Ha Scheme of "In/ Around Situ Development and Construction of Urban Spaces.

21. Density of the Complex
22. Estimated for Dwelling Units
23. Rehabilitation through other models including Multi-Storeyed Construction

31. URBAN RAIL FOR MASS TRANSPORTATION IN DELHI, 1992 (PAGES 29)

1. What is Urban Rail Plan?
2. Dimensions of Traffic & Transportation Delhi - by 2011 A.D.
3. Position of Urban Rail at Global level.
4. Planning of Urban Rail for Delhi –
5. Conclusions

32. THE QUALITY OF LIFE, A NEW MODEL, ALSO SO APPEARS IN INDIAN INSTITUTE OF PUBLIC ADMINISTRATION, INDRAPRASTHA ESTATE, RING ROAD, NEW DELHI-02.

1. Background
 1. General Policy on the Subject of 'In/Around Situ Development, Construction of Urban Spaces for Shanty Clusters.'
 2. Specific Provisions on the Subject in 'Trans Yamuna Area'
 3. Principles of Design of In/Around Situ Development
 4. Bombay Model
 - (i) Additional Floor Space to be Allowed in the Following Categories., (ii) Rehabilitation of Slum Dwellers through Owners/Developers / Cooperative House Societies of Slum Dwellers., (iii) Transfer of Development Rights
 5. Location of the Particular Complex
 6. Design of the Cluster
 - (i) Analysis of the Site, (ii) Comparison with the Master Plan Land Uses/Areas, (iii) Proposed modification in land-use break-up of 29 hect., but ultimately achieving the full Floor Area Ratio (FAR) of all the components., (iv) Parameters to Design the Clusters, (v) Proposed Land use Breakup of 12.5 Hect., (vi) Density of the Complex, (vii) Services of the Complex, (viii) Estimate is given in Appendix 32.1
 7. Appropriate Technology of Prefab Construction
 8. Rehabilitation through Multi-storeyed Construction
2. **Map 32.1:** Layout Plan of 'In/Around Situ' Development at Seelampur Complex
3. **Map 32.2:** Grouping of 6 DU's Around a Central Courtyard]
4. **Map 32.3:** Cluster Design

33. PLANNING AND DEVELOPMENT OF SUBSTANDARD AREAS (JHUGGI CLUSTERS & SLUM AREAS), BACKGROUND - PAPER TO BE DISCUSSED IN THE WORKSHOP ORGANISED BY THE ASSOCIATION OF METROPOLITAN DEVELOPMENT AUTHORITIES (AMDA), 1992 (PAGES 21)

1. Abstract:
 - (i) Dimensions of the problem in 1991-2001, (ii) Creation of a department of "Development of Sub-Standard Areas" (DOSA), (iii) Comprehensive Act on the subject., (iv) Urban Land Policy, (v) Integrated Physical & Financial Planning, (vi) Formation of Non-Government Organisations (MGOs) & Co-operatives House Building Societies (CHBS).
2. Fundamentals
3. Scope of the Paper
4. Chronological Developments & Achievements with Regard to Jhuggi Clusters and Slum Designated Areas.
 - (i) Implementation of shifting of JJR Scheme/ development of resettlement colonies / jhuggi clusters, (ii) Largest development works done so far, (iii) In May, 1989, the Department of Urban Basic Services, Delhi Administration conducted a survey., (iv) Under Slum Clearance & Improvement Programme
5. Problems of Sub-Standard Areas (Jhuggi Clusters and Slum Designated Areas) In The Coming Decade.
6. Policies for Development of Sub-Standard Areas with Special Reference to Shanty Clusters (Jhuggies) and Slum Pockets / Complexes
7. Conclusions.

34. ECONOMIC FINANCIAL PLANNING OF URBAN RAIL (MRTS) IN SUPER METROPOLITAN CITY-CASE EXAMPLE OF DELHI, 1993 (PAGES 19)

1. A brief history of railway in Delhi.
2. Some Salient features of urban rail (Metro) at global level.
3. Problems of Traffic & Transportation and need of urban rail in Delhi.
4. Salient features (financial aspects) of urban rail (MRTS) planned in 1973 & 1990.
 - (i) Urban Rail- 1973, (ii) Urban Rail- 1990
5. Economic / Financial planning of urban rail (MRTS) system.
 - (i) Cost and Benefits of urban rail transportation, (ii) Sources of funding the system, (iii) Inferences from various appendices (data taken from RITES).. (iv) Economic/ Financial Analysis of the System., (v) Derivations and Facts., (vi) Proposed Model.

35. INTEGRATED DEVELOPMENT OF RURAL VILLAGES, 1993 (PAGES 12)

1. General Characteristic of Rural Villages
2. Number of Villages
3. Concept of Development of Rural Areas
4. System of Physical Planning of Rural Villages
5. Growth Centres
6. Growth Points:
7. Basic Villages:
8. Development of 13 components and type of authority
9. Collection of development charges
10. Agricultural Products and Forestry
11. Parks, Playgrounds & Open Spaces
12. Commercial Centres
13. Physical Targets & cost of the Scheme

36. INTEGRATED FREIGHT COMPLEX – CUM – WHOLESALE MARKETS AT GAZIPUR, TRANS YAMUNA AREA, 1993 (PAGES 17)

1. Provisions given in Master Plan of Delhi (MPD)- 2021
(i) Integrated Freight Complexes, (ii) Wholesale Markets
2. Decisions of the DDA
3. Project of Integrated Freight Complex-Cum-Wholesale Markets at Gazipur (Trans Yamuna Area.)
4. Status of Land Acquisition
5. Objective of the scheme
6. Description of the proposal
(i) Division of the Complex in three distinct parts., (ii) Problems of traffic and transportation, (iii) Physical infrastructure and services, (iv) Indicative Space Standards to be used in Detailed Planning of Each Pocket.
7. Economics of Scheme
(i) General Principals, (ii) Cost of the project of Freight Complexes/ Wholesale Markets in a Total Area of 180 Hac.
8. Study on Concept Plan for Integrated Freight Complex-Wholesale Market at Gazipur by Department of Transport Planning, School of Planning and Architecture, New Delhi.
(i) Primary Surveys, (ii) Zoning System, (iii) Commodity Classification, (iv) Traffic Characteristics, (v) Goods Tonnage, (vi) Movement Characteristics, (vii) Pay Load Characteristics, (viii) Desire Characteristics, (ix) Projections & Allocation.

37. HABITAT EVALUATION OF RESETTLEMENT COLONIES OF DELHI, 1994 (PAGES 19)

1. Background
2. Evaluation Of Typical Layout Plan Of 500 Plots Followed In Many Resettlement Colonies Planned and Developed In 1975-77.

3. Patparganj Complex (Khichripur, Kalyanpuri, Trilokpuri, and Himmatpuri) – (Map No. 20)
4. Khyala Resettlement Colony: (Map No. 3.)
5. Sultanpuri Resettlement Colony: (Map No. 4)

38. INDUSTRIAL SPATIAL POLICY AND RELOCATION OF INDUSTRIES IN DELHI, MPDC 1990, SECOND MASTER PLAN, PLANNING MUST 11. 1995

1. Legal Provisions
2. Provisions in MPD- 2001
3. Objectives
4. Main issues & probable solution
5. Spatial Policy of Industrialisation
6. Concept Report
(i) Water, (ii) Solid Waste Management, (iii) Sewerage & Drainage, (iv) Over all Layout
7. Project Management
8. Single Window Concept
9. Conceptual Plan of Industrial Park
10. Plan of a Sectoral Module.
11. Importance of Hi-Tech.

39. SYSTEM OF FINANCIAL PLANNING OF LARGE URBAN TRANSPORT PROJECTS, 1995 (PAGES 16)

1. Background
(i) Importance of transportation planning, (ii) Delhi as Mega city, (iii) Role of Urban Rails, (iv) Problems of Traffic & Transportation, (v) Large Urban Transport Projects of Delhi.
2. Types of Projects in Delhi.
(i) Small and medium projects, (ii) Large projects, (iii) Financial requirements.
3. Models of Projects Implementation.
4. Funding of Integrated Freight Complex-Cum-Wholesale Markets (IFCM) - TheCase of Gazipur-Trans Yamuna Area Delhi.
(i) Physical dimensions, (ii) Different Components of the IFCM Project, (iii) Financial Dimensions of IFCM, (iv) Probable Models of Funding of IFCM (Gazipur)
5. Funding of the project of Mass Rapid Transit System (MRTS).
(i) Physical Dimensions, (ii) Financial Dimensions of MRTS, (iii) Pre-requisites, (iv) Financial Planning.

40. INDIAN INSTITUTE OF TECHNOLOGY, 1995

1. The Objective of IIT Hyderabad
2. Elements Of Planning & Design in the University Campus
3. Philosophy Of The Ideal Campus For ' IIT Hyderabad'
4. Design Approach
 - (i) Academic Programming, (ii) Evolving The Area Requirements, (iii) Site Study & Analysis, (iv) Contextual Response To Planning Design Issues & Community Needs
5. Design Concept: Principles Of Zoning & Functional Linkages
 - (i) Academic Complex, (ii) Student Hostels, (iii) Recreation & Sports Complex, (iv) Housing, (v) Technology Innovation & Research Park
6. Circulation
 - (i) Hierarchy Of Roads, (ii) Pedestrian Friendly Approach
7. Landscape & Energy Conscious Approach
8. Phasing Strategy
9. Structure & Services: Maintainability
 - (i) Structural System, (ii) Sewerage, (iii) Water Supply, (iv) Storm Water Drainage, (v) Solid Waste Management, (vi) Havac, (vii) Electrical
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41. DESIGN IDEA COMPETITION FOR MASTERPLAN OF I.I.T GUWAHATI, 1996 (PAGES 33)

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 - (i) The IITs, (ii) IIT Guwahati, (iii) Objectives and Scope of the Competition,
 - (iv) Academic Set-up
 - i. Academic Divisions and Facilities
 - ii. Academic Programmes
2. Particulars of Site
 - (i). The site , (ii). Topography, (iii). Vegetation, (iv). Climate, (v). Surroundings
3. Salient Features of the Master Plan
4. The Campus & Students Facilities
 - (i). Residential Area for Faculty, (ii). Residential Area for Staff, (iii). Residential Area for Students, (iv). Residential Area for Wardens, (v). Residential Area for Guests, (vi). Commercial Facilities, (vii) . Satellite Commercial Complex in Hostel Area, (viii). Schooling Facilities, (ix). Communication Facilities, (x). Recreational Facilities for Faculty & Supporting Staff, (xi). Students Activity Centre, (xii). Campus Centre, (xiii). Auditoria, (xiv). Health Services, (xv). Water Supply, (xvi). Electric Supply, (xvii). Sewage Treatment and Disposal Facilities, (xviii). Vehicle Parking, (xix). Parks and Gardens, (xx). Garbage Disposal
5. Technology Innovation Park
6. Some Basic Requirements
 - (i). Basic requirements for the academic & administrative complexes, (ii). Requirements and basic facilities for the housing & other supporting facilities for the faculty and staff Rules & Regulations

42. URBAN DEVELOPMENT STRATEGY FOR SIKKIM, AND DEVELOPMENT OF TOWNS UNDER IDSMT, 1996 (PAGES 66)

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 - (i) Area and Location of Sikkim, (ii) Brief History Of Sikkim, (iii) Objectives, (iv) Methodology
2. Dimension of Sikkim
 - (i) Geographical Information
 - (i) Physiographic And Rivers, (ii) Climate, (iii) Flora And Fauna, (iv) Soil., (v) Mineral Resources
 - (ii) Administrative Setup
 - (i) District and Head Quarters, (ii) Area of The Districts, (iii) No of Subdivisions, (iv) No of Panchyat Units, (v) No of Revenue Blocks.
 - (iii). Demographic Characteristics
 - (i). Population (1981 And 1991), (ii). Growth Rate, (iii). Projected Population of Sikkim For 2001 A.D.
 - (iv). Social Characteristics.
 - (i) S.C. & S.T. Population., (ii). Language, (iii) Religion, (iv). Fairs And Festivals.
 - (v). Macro Landuse
3. Theory of Urban Development.
 - (i) Introduction
 - (ii) Land Use Planning
 - (i) Derivation of Defination, (ii) Formulation of Theory, (iii) Sikkim - Landuse Planning
4. Settlement Policy
 - (i) Demographic Characteristics
 - (i) Number of Settlements, (ii) Growth Rate., (iii) Population Projection, (iv) Town-Wise Distribution Of Urban Population, (v) Distribution Pattern Of Urban Settlement, (vi). Suitable Distribution Pattern (Proposed)
 - (ii) Existing Infrastructure
 - (iii) Brief Description of Major Urban Settlements
 - (iv) Policy On Population And Settlement
5. Strategy on Economic Development
6. Strategy on Tourism
7. Strategy on Traffic and Transportation
8. Strategy on Housing
9. Involvement of Private & Joint Venture
10. Process of Development
11. Institution & Financial Management
12. Strategy of Public Participation
13. Priority of Development of Towns

43. KANJHAWLA GROWTH CENTRE (SARDAR PATEL GRAMIN VIKAS YOJNA), 1997 (PAGES 21)

1. Background
2. Review of literature including provisions in Five Year Plans.
3. Concepts of Growth Centres, Growth Points, and Basic Village.

4. Plans and Scope of the Projects.
5. Zoning Regulations.
6. Socio-economic Resources.
7. Board divisions of land and landuse.
8. Planning of Kanjhawla Growth Centre.
9. Financial Planning
10. Physical Infrastructure

44. RE-DEVELOPMENT OF I.T.O. COMPLEX. 1997

1. Present Position.
 - (i) Area for Redevelopment, (ii) Name of Existing Buildings, (iii) Important Buildings/Crossings in the Vicinity, (iv) Vikas Bhawan, (v) Problems of sub-standard areas., (vi) Typical Problems of the Complex, (vii) Existing Land use of The Complex
2. Concepts and Need of the Project.
 - (i) Need of the Project, (ii) Provision of Govt. Offices in MPD-2001, (iii) Assumptions & Predictions, (iv) Concepts
3. Objectives.
 - (i) Main Objectives
 - (ii) Other Objectives
 - (i) Related to Transport, (ii) Related to Landuse, (iii) Integration of Different Activities, (iv) Control and Reduction of Pollution, (v). To increase Artistic & Aesthetics Quality, (vi). To Create Economic Infrastructure, (vii). Provision of Social Infrastructure
4. Macro Land Use Planning.
 - (i) Theory of Land Use Planning, (ii) Definition of Land Use, (iii) Basis of Study of landuse
5. Dimensions of Traffic & Transportation.
 - (i) Names of Main Intersections, (ii) Names of Other Roads in the Complex, (iii) Other Major Roads and Intersections in the Nearby Area, (iv) Cycle & Pedestrian system, (v) Water Transport, (vi) Electric Trolley Bus service,
6. Proposed Improvements Schemes.
 - (i) Data base, (ii) Proposed Improvements for 'A' Point, (iii) Proposed Improvement Schemes for 'W' Point Intersection, (iv) Further Work,
7. Environment Planning.
 - (i) Environment Planning (ii) Physical Parameters of Pollution in Environment, (iii) Environment at Different Levels, (iv) Present Environment of ITO Complex, (v) Environment Planning (Proposal), (vi) Format For Environment Clearance
8. Tall Buildings & Infrastructure.
 - (i) Tall Buildings, (ii) Tunnels, (iii) Fire, (iv) Lift, (v) Air - Conditioning, (vi) Services, (vii) Shopping Facilities.
9. Use of New Materials, Techniques & Technology.
 - (i) New Materials, (ii) General Findings of Hudco, (iii) Stainless Steel in Building Construction, (iv) Building Material From Marble Dust, (v) Flooring Tiles From Phosphogypsum, (vi) New Devices in Electricals System to avoid fire, (vii) New Trends in Air Conditioning.

45. TRANSPORTATION PLAN, IX FIVE YEAR PLAN 1997-2002, (PAGES 41)

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2. Basic to achieve Objectives.
3. NCR Plan
4. Proposed concept of Road system
5. Provision in the Master Plan of Delhi
6. Transport Sectors
7. Transport Systems
8. Specific Projects
9. Legal Provisions
10. Sources of funding
11. Core Unit for R&D and Unit for Co-ordination of Projects Including Land management.
12. Names of Research studies
13. Details of on going projects and new projects

46. TRAFFIC & TRANSPORTATION DELHI - MEGA CITY PROBLEMS & PROSPECTS, 1998 (PAGES 20)

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 - (i) Importance of Transportation Planning., (ii) Delhi as a Mega City, (iii) So far, Urban Rail Has played insignificant role, (iv) Problems of Traffic & Transportation, (v) Large Urban Transport Projects of Delhi
2. Types of Projects in the Last Five Year Plans of Delhi
 - (i) Small and medium project, (ii) In Contrast, examples of large projects, (iii) Total Financial Requirements
3. Some Models of Implementation of Projects.
4. Funding of Integrated Freight Complex-Cum Wholesale Markets Case Example of Gazipur-Trans Yamuna Area-Delhi (IFCM)
 - (i) Physical Dimensions, (ii) Different Components of the Project of IFCM are, (iii) Financial Dimensions of IFCM:, (iv) Probable models of funding of IFCM (Gazipur)
5. Funding of the Project of Mass Rapid Transit System
 - (i) Physical Dimensions, (ii) Financial Dimensions: (MRTS), (iii) Four Pre-requirements to make the projects successful, (iv) Financial Planning of the Project
6. Issues and Probable solutions
 - (i) Administrative Issues, (ii) Financial Issues, (iii) Lands issues, (iv) Technical Matters
7. Conclusions
 - (i) Expenditure, (ii) Receipts; Returns form beneficiaries

47. TRANSPORT PLAN FOR DELHI, 1998 (20 PAGES)

1. Dimensions of Delhi with reference to traffic & transportation.
2. Salient features of master plan of Delhi 2001 (Transport Plan)
3. Proposed Components of Transport Plan (Physical Plans)
4. Proposed Component of Transport Plan (Economic & Financial)
5. Type of Authority
6. Dimensions of Delhi with reference to Traffic & Transportation
7. Salient features of MPD- 2001 (Transport Plan) Concept of the Plan MPD- 2001
8. Proposed Components of Transport Plan. (Physical Plans)
9. Urban Rails.
10. Road & Infrastructure Facilities
11. Affordable Mode of Transport for the Poor Cycles.
12. Specific Projects
13. Need of Comprehensive Act.
14. Short Term Measures
15. Long- Term Measures
16. Components of Transport Plan (Economic and Financial)
17. Urban Rails
18. Specific Projects of Integrated Freight Complex- Cum wholesale markets. Shifting wholesale markets and Trucking Activities.
19. Sources of funding the system
20. Type of Authority.

48. HOUSING IN UNAUTHORISED - REGULARISED COLONIES IN DELHI, 1998.

1. Regularisation of Unauthorised Colonies
2. Socio-Economic Characteristics of Unauthorised colonies
3. Type of Colonies
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4. Problems of Unauthorised and Unauthorised- Regularised Colonies
5. Issues and Recommendations
(i) Physical Planning Issues, (ii) Financial Planning Issues, (iii) Legal Issues, (iv) Land Policy Issues, (v) Miscellaneous Issues,
6. Financial Planning
7. Components of Financial Planning
(i) Collection of development charges, (ii) Charging of premium, (iii) Financial pattern and plan, (iv) Cash flow statement.

49. TO MAKE GHAZIABAD A GARDEN CITY, (1998)

1. Background
2. Components
3. Necessity
4. Objectives
5. Basics of the Project
6. Proposed Land Use
7. Housing requirements
8. Land Policy
9. Involvement of Pri. Sector & J. Venture.
10. Expected Investment
11. Broad Sources of Funding
12. Operational Institutional. Model.
13. The Most Important Decision

50. PLANNING, DEVELOPMENT, CONSTRUCTION, AND MANAGEMENT & MAINTENANCE 'PROBLEMS OF SLUMS IN DELHI', 24 AUG 2001 (58 PAGES)

1. Type of Slums
2. Few main Points
3. Comprehensive definition
4. Steps to achieve objectives
5. Proposed Administrative System
(i) Section-6 of DD Act- 1957, (ii) M of U.D. dated 2 January, 1979, (iii) Urban Functions, (iv) Function at 3 levels, (v) First two levels- 1st tier by DDA, (vi) Second Tier: All the existing depts.
6. Resettlement Colonies.
(i) Evolution of the Scheme, (ii) Colonies developed prior 1975, (iii). Colonies developed during 1975-77, (iv). During late 70's, (v). Resettlement colonies -1975-77, (vi). Physical Planning
7. In/Around Situ Development for poor:
(i) Three pronged strategy, (ii) 'In /Around Situ development, (iii). Seelampur Complex, (iv). Parameters to design the cluster, (v). Proposed land use for, (vi). Density, (vii). Rehabilitation through Multi Storied
8. Points for decisions
(i) Admn. Of Slums, (ii) Planning at macro level, (iii) Strategy of implementation, (iv). Social groupings, (v) Training Module of Edu., Health , Women & Children, (vi) Financing
9. Solutions
(i) Perspective Plan of Delhi- 2015AD, (ii) NCR as identity, (iii) Settlements & Infrastructure, (iv) Participatory model for LA & development, (v) Involvement of Pri. Sector & Joint Venture, (vi) Other points

51. PLANNING OF INDRAPRASTHA UNIVERSITY (GGSIPU) IN DWARKA, 2002 (PAGES 28)

1. The Objectives
2. Philosophy of Ideal Campus for Indraprastha University, New Delhi.
3. Requirements & Summary Schedule
4. Site & Its Location
5. Site Analysis, Planning Design Issues (History, Present And Future)
6. Design Proposal
7. Principles Of Zoning And Function Arrangement
8. Landscape
9. Circulation
10. Phasing
11. Services
12. Structural System And Seismicity

52. POLICY ON BALANCED DEVELOPMENT GHAZIABAD (2021), 2005 (PAGES 48)

1. Concepts of Planning & Necessity
2. Goals & Objectives
3. Scope: Only a Policy Document & Its Approval
4. Boundary of Develop. Area
5. Position of Ghaziabad in U.P. Sub Region
6. Land Use (1961-2021) & Projects
7. Infrastructure
8. Transport Sector
9. Industrial Development
10. Land Policy
11. Model of Involvement Of Private Sector & J. Venture
12. Organizational Structure

53. CAIT NEWS, MONTHLY NEWS MAGAZINES OF CONFEDERATION OF ALL INDIA TRADERS. 2008

1. Trade & Commerce
2. Request with CAIT
(i) Cait has many units/sub units based on locations & trades., (ii) All units/sub-units should have legal entity/identity, locations, and dimensions And if not; then should get within a month., (iii) Representatives of Cait Units/Sub i Units Have Read & sun Mpd-2021ad. If Not Then They should do it within a month. otherwise, My Lectures and Discussions may be Arranged. (iv) Cait Units/Units Would Take Oath that they would follow rules, regulations of their System/Sub Systems of Their Society., (v) Each Unit Would Supply Correct Data as and When Asked/Required., (vi) Cait Would Have Independent Web Site/Sites for the Use of its Members And Public At Large.

54. FINAL OUTPUT IN ZONAL DEVELOPMENT PLAN, 2008 (PAGES 16)

1. Background
2. Objectives
3. Scope of Work
4. Eligibility Criteria
5. Selection Criteria
(i) Technical Expertise
(ii) Experience
(iii) Approach and Methodology
(iv) Presentation of Experience
6. Procedure for Selection of Consultant
7. Contents of Zonal Development Plan
(i) Introduction, (ii) Site Analysis, (iii) Existing Structure, (iv) Conceptual Framework, (v) Proposals and Development Strategy, (vi) Conservation and Improvement of Environment, (vii) Compliance of Government Policies, (viii) Zoning Regulations, (ix) Development Regulations, (x) Resource Mobilization and Implementation, (xi) Implementation Framework, (xii) Any other proposal necessary for the development of the zone
8. Approval of Zonal Development Plan
9. Deliverables
10. Time Frame
11. Submission of Offers
12. Agreement
13. Terms of Payment
14. Obligations of Development Authority
15. Language
16. Jurisdiction
17. Arbitration

55. INVOLVEMENT OF PRIVATE SECTOR (PPP), 2008 (PAGES 124)

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(i) Background,
(ii) Dimension of Delhi by 2021 AD
2. Planning Instruments
3. Projects concerning to Circulation
4. Housing
5. Physical Infrastructure
6. Mega Projects
7. Other pending Planning Projects
8. Strategies
9. Zonal Plans

56. YEAR OF STAFF WELFARE RAILWAYS, 2008-09 (PAGES 12)

1. The scheme
2. Planning Instrument
3. Strategies
4. Vision
5. Rational Distribution of Price of development land.
6. Parameter of Spatial development
 - (i) Physical Infrastructure,
 - (ii) Social Infrastructure,
 - (iii) Ecological Infrastructure,
 - (iv) Economic Infrastructure
7. Governance of the Scheme
 - (i) Super Administration,
 - (ii) Governance include various Action, Process & Institution,
 - (iii) Characteristics of Good Governance,
 - (iv) Components of Governance.

57. FARM HOUSES IN DELHI, 2009 (PAGES 9)

1. Preface
2. Importance of Farm Houses specially In Mega/ Metropolitan Cities
3. New Proposals
4. Farm Houses In Agriculture Green Belt
5. Regularization Of Existing Farm Houses

58. REGULARIZATION OF UNAUTHORISED COLONIES, 2009 (PAGES 13)

1. Preface
2. Definition of Regularization
 - (i) Preparation Of Plans,
 - (ii) Immediate Acquisition of Land for Trunk Infrastructure and Facilities as per Master Plan Level,
 - (iii) Planning as per MPD-2021 Ad Norms and the Planning Instruments Which Are the Best and Appreciated by the Public at Large,
 - (iv) Funding of the Projects
 - (v) Details of Latest Order by Notification Dated 24.3.2008 on the Subject of "Regulations for Regularization of Unauthorized Colonies In Delhi" Under Section 57 Of D.D.A Act, 1957 are Given In Appendix No.1. These are under the following 7 Heads,
 - (vi) List of New Unauthorized Residential and Industrial Colonies – List Given In The Detailed Project Report.

59. DUMTA (DELHI URBAN MASS TRANSIT AUTHORITY), GOVERNANCE STRUCTURE AND FUNCTION, 2010 (PAGES 27)

1. Governance is Super Administration
2. Governance includes various Actions, Processes & Institutions,
3. Components of Governance
4. Theory of Governance to Govern
5. Framework for Governance of Infrastructure
6. Structure of the Authority
7. Elements of Traffic & Transportation
8. Mass Rapid Transit System (Metro)
9. Basic Plans of Governance T & T of CNCR
10. **MAP: 1**, National Capital Region
11. **MAP: 2**, National Capital Territory of Delhi Zones (Division)
12. **MAP: 3**, Road Network 2021 Ad
13. **MAP: 4**, Eight Rapid Rail Projects planned to check Permanent Migration
14. **MAP: 5**, Delhi Metro Plans
15. Short Term measures to be Tackled

60. DIMENSIONS OF HEALTH POLICY INFRASTRUCTURE, 2010 (PAGES 44)

1. Theory of Public Health
2. Map of NCR-PB
3. Map of Delhi Land Use Plan -2001
4. Map of Zonal Plan of Zone-E
5. Some Glimpses of Health features from Paper News
6. NCR – UP Sub Region
 - (i) Social Infrastructure taken from NCR-PB document
 - (ii) Hospital in Delhi
7. Health facilities in Master Plan for Delhi
 - (i) Requirement of Health facilities for entire Delhi by 2021 AD
 - (ii) Requirement of Health facilities for TYA for 40 lakh population
 - (iii) Mixed use; Regulations for Health Infrastructure
 - (iv) Permissible activities in Health Infrastructure (MPD - 2021 AD),
 - (v) Provision of parking (as given in MPD - 2021 AD)
8. Outlines of Sub-Zone of TYA based on 2001 population (area in hect.)

61. THE INSTITUTIONS OF ENGINEERS (INDIA) GHAZIABAD, LOCAL CENTRE. 2010

1. The City is a place of Living, working, enjoying
2. Ecological Infrastructure
3. New Theory of Planning of this age
4. Good Governance
5. **Map: 1**, Master Plan for Delhi 2021
6. Delhi is the best city because of:
(i) 18-20% Green Areas, (ii) One CWG Village, (iii) 47 important Historical / Religious Monuments, (iv) 15 other Stadiums by DDA, (v) Social Infra. of National level, (vi) Circulation System
7. Land Development in last 50 years by DDA = 30250 hect.

62. SHELTER FOR THE URBAN POOR

1. Problems of squatters in Delhi.
(i) It is a continuous process, (ii) Physical and financial dimensions
2. Three Models of Squatters Settlements.
(i) Model of resettlement of Squatters especially Implemented in 1975 and onwards, (ii) Environmental Improvement in Shanty Clusters (EIJJ), (iii) In/Around Situ Development and Construction of Urban Spaces
3. Typical Example of Seelampur (Trans Yamuna Area)
4. Interface between DDA, Cooperative Societies and NGOs
(i) Experiences of Delhi (Salient Features) on the subject, (ii) Required Components for the Implementation of the model.
5. Important instruments to implement the Scheme
(i) Instrument of Compulsion, (ii) Instruments of Distribution, (iii) Instrument of Identity, (iv) Instrument of Involvement, (v) Instrument of Fiscal Policy
6. Conclusions.

63. NATIONAL CAPITAL REGION PLANNING BOARD ANNUAL REPORT 2004-2005

1. About the Board
(i) Objectives, (ii) Area of the National Capital Region, (iii) Constitution, (iv) Functions
2. The Year in Retrospect
(i) Board Meeting, (ii) Regional Plan 2021, (iii) Peripheral Expressways, (iv) Integrated Rail-cum-Bus Transit System (I.R.B.T.), (v) Application of Remote Sensing & GIS Technology, (vi) Projects financed by NCRPB, (vii) New initiatives, (viii) Reduction of interest rate, (ix) Resources
3. Auditor's Report
4. Annual Accounts

64. PLANNING OF MOUNTAINOUS REGIONS. 1994

1. Basis for action to plan and develop
2. Objectives
3. Hill Areas in India
4. Planning proposals in various Five Year Plans of the country
5. Criteria to fulfill the objective
(i) General Criteria, (ii) Data & information base, (iii) Implementation Criteria, (iv) Management Criteria
6. Methodology
7. Nepal as an example
(i) General description of Nepal, Kathmandu Valley and Patan, (ii) Pre-requisites of development of Kathmandu Valley

65. AREA PLANNING -A STRATEGY FOR ERADICATION OF POVERTY. 1987

1. Identification of Large Gaps in Area Planning
2. Inadequacy of physical planning in Planning Commission.
3. Planning of various river valley regions.
4. Creation of Super Authority to control small development authorities in various States.
5. Planning of Rural Settlement.
6. Twenty Years Road Plan for the country.
7. Urban Rail
8. Why urban rail is a must for super Metropolitan Cities- Example of Delhi.
9. Creation of department of Sub-Standard Areas.
10. Pricing and Urban Land Policy.

66. ARTICLES OF MR. R.G.GUPTA.

- (1) Inadequacy of physical planning in Planning Commission.
- (2) Planning of various river valley regions.
- (3) Creation of Super Authority to control small development authorities in various States. (d) Planning of Rural Settlements.
- (4) Twenty Years Road Plan for the country.
- (5) Urban Rail.
- (6) Why urban rail is a must for super Metropolitan Cities example of Delhi.
- (7) Creation of department of Sub-Standard Areas.
- (8) Pricing and Urban Land Policy.
- (9) Identification of Large Gaps in Area Planning.

67. CONSTRUCTION OF A MODERN SLAUGHTER HOUSE.

1. Location
2. Correspondence with the Ministry of commerce
3. Details of the complex
4. Resolution
(i) Statement of Proposal, (ii) Description of the Proposal of the Scheme and its objectives., (iii) Justification for the Proposal/Scheme and what alternatives have been considered
5. Delhi Administration
6. Government of India (Ministry Of Agriculture)
7. Schedule of Programme and Target of completions
8. Financial Implications of the Proposal
9. Foreign Exchange Component of Outlay And How It Is Proposed To Be Not.
10. Component of Grant, Loan and Subsidy, if any, in the Total Outlay involved and their proposed Term.
11. Broad Details of Construction Work, their Justification and basis for estimates
12. Requirement of Stores and Equipment with justification
13. Achievements return expected and other Economic Implications.
14. Comment if any of the Planning Commission
15. Comments if any, of other Ministries/Departments
16. Supplementary Information
17. Points on which decision/sanctions are required

68. PLANNING MUST for 3, URBAN SETTLEMENTS POLICY PLANNING OF BIHAR 2020 AD. DECEMBER 2010

1. Brief profile of 3 Urban Settlements: Patna, Gaya & Nalanda in (2006)
2. Bihar has many positive and negative points
3. Elements of Planning
4. Development of Bihar
5. Growth Centres
7. Growth Points
8. Basic Villages
9. Specific planning to tackle the problems of Traffic & Transportation of Patna

69. DESIGN IDEA COMPETITION FOR MASTERPLAN OF I.I.T. GUWAHATI

1. Introduction
2. Particulars of Site
3. Salient Features of the Master Plan
4. The Campus & Students Facilities
5. Technology Innovation Park
6. Some Basic Requirements
7. Rules & Regulations

70. DIMENSIONS OF SQUATTERS SETTLEMENTS IN A SUPER METROPOLITAN CITY- DELHI, SOCIO-ECONOMIC WING, CITY PLANNING, DELHI DEVELOPMENT AUTHORITY, NEW DELHI.

1. Preface
2. Historical Background
3. A New Survey Methodology and Scope of Study
4. Physical and Environmental characteristics of Squatters' Settlements
5. Demographic Characteristics of Squatters' Households
6. Experiences of the last two Decades
7. Summary and conclusions of surveys
8. Extent of the problem
9. Locational Imperatives

71. EDUCATION POLICY – 2021 AD

1. Policy is required for human
2. Vision Character Infrastructure
(i) Spiritual Basis of Revolution
(a) From School Level (Elementary)
(b) Higher Level (After Elementary)
3. Components of Policy
(i) Climatologically Controls, (ii) Saving of Natural Resources, (iii) Character Infrastructure, (iv) Soft Skills, (v) Inventive Thinking, (vi) Skills, (vii) Security & Defence Needs, (viii) Evolution for different types of Settlements, (ix) Information & Communication Technology
4. Methodology
(i) Human Resource – Population, (ii) Physical Infrastructure, (iii) Propagation of Education, (iv) Financing of Education, (v) To calculate Capacity of Building, (vi) Analysis of Public & Private Partnership, (vii) Special Attention for Education, (viii) Predication for 5 & 10 Years

72. HIGH POWERED COMMITTEE OF DDA; ON LANDS 1986-87

1. Old Nazul Estate
2. Colonies Developed by Delhi Improvement Trust.
3. Colonies Developed Under 'Large Scale Acquisitions Development and Disposal of Land' (Nazul II)
4. Commercial Estates
5. Lands Transfer from Ministry of Rehabilitation
6. Recovery of Damages
7. Cases under Litigation
8. Department of Horticulture
9. Department of Housing
10. Building Department
11. Resettlement Colonies.

73. HOUSING FOR THE POOREST OF THE POOR.

1. Introduction
2. Growth of jughhis in Delhi since 1950 till date
3. Physical set up of jughgi clusters.
4. Socio-economic set up of jhuggi clusters, based on surveys conducted by DDA.
5. Development works up to 1980
6. Development works during 1980-85.
7. It is expected that by now there are 150,000 families in jughhis in more than 700 clusters. These clusters can be divided in the following two categories
8. Strategy for location and development
9. Design of small houses and complexes

74. IMPACT OF URBANISATION AND INDUSTRIALISATION ON RURAL AND URBAN SOCIETY. DIRECTOR (PIg), DDA AND ADVISOR (P& I), SLUM WING, DDA, NEW DELHI

1. Increase in number of Urban Settlement, Urban Population and accordingly decrease in the Rate of Growth of Rural Population.
2. State wise Growth of Rural & Urban Population.
3. Growth of Different Types of Settlements
4. Rate of growth of large cities and metropolitan cities.
5. Case Example of Delhi in Relation to 8th Five Year Plan.
6. Demand & Supply of houses.
7. Sub- Standard Areas.
(i) Jhuggi clusters., (ii) Designated slum areas., (iii) Development of Urban Villages., (iv) Development of Rural Villages., (v) Provision of physical infrastructure., (vi) Development of physical infrastructure., (vii) Provision of physical infrastructure., (viii) Provision of minimum basic amenities., (ix) Construction of community centres.
8. Physical Infrastructure.
9. Decongestion of Delhi.
10. Proposal
(i) Covering of storm water drains and using the same for recreational, transportation and commercial purpose., (ii) Use of Reclaimed of the Scheme., (iii) Economic of the Scheme.
11. Planning of Conservation of Urban Heritage.
12. Remote Sensing & Aerial Photography for Land Records & Utility Mapping.
13. Planning of Growth Centres in Delhi.
14. Major Subjects for Research & Development.
(i) Solar heating systems, (ii) Ducting system for services, (iii) System of precasting of blocks for edging of roads., (iv) Feedback systems from, (v) Feedback system from commercial centres developed by DDA prior to 1960's, (vi) Study of different types of plants/species suitable for Delhi roads., (vii) Low rise high density versus high rise and high density., (viii) Management system for common services/spaces in residential and commercial centres., (ix) Space standards for different components of urban planning.

15. Planning of River Bed- Yamuna
(i) River Yamuna at a glance., (ii) Necessity of Planning of River Bed in Delhi., (iii) Objectives.
16. Issues & Guidelines.

75. INDIAN INSTITUTE OF TECHNOLOGY

1. The Objective of IIT Hyderabad
2. Elements of Planning & Design in the University Campus
3. Philosophy of the Ideal Campus for 'IIT Hyderabad'
4. Design Approach
5. Design Concept: Principles of Zoning & Functional Linkages
6. Circulation
7. Landscape & Energy Conscious Approach
8. Phasing Strategy
9. Structure & Services: Maintainability
10. Architectural Controls

76. INDUSTRIAL DEVELOPMENT OF UP. 8 POINTS FORMULA (1.10.07).

1. Create suitable, adequate, sizeable work Centres in Backward / Depressed/Empty Areas
2. Growth Centre in each Development Block
3. System of Governance of Infrastructure
4. Create Institutional / Educational Parks in Each District
5. Convert / on & construction of Roads with 30m and above row as Toll Roads in Private / Joint Venture
6. Review the Glory of U.P. by a "News Channel"
7. Location of Mega size projects
8. Importance Street Furniture

77. NATIONAL CAPITAL REGION PLANNING BOARD

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2. Delhi Has Following Types of Distinct Development
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87. PLANNING MUST-16, TO MAKE DELHI A CITY OF GOOD CHARACTER FREE FROM CORRUPTION, CORRUPTION IS AN ADDICTION SAY 'NO' TO IT.

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86. EDUCATION EXCELLENCE, 4TH INTERNATIONAL CONFERENCE, EDUCATION SYSTEM FOR BACKWARD/ DEPRESSED AND EMPTY DISTRICTS OF INDIA.

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4. EDUCATION POLICY FOR THE NEXT DECADE,

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5. TIME TO EDUCATE PEOPLE FOR COMMON WEALTH GAMES 2010

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139. 1-15 AUG 2012, ILL EFFECTS OF MORE LIQUOR SHOPS IN DELHI

140. 10 AUG-9 SEP 2012, NEW AD 'N' FACE A FAMILY MAGAZINE, FREE HOLD PLOTS IN RESETTLEMENT COLONIES

141. 1-15 OCT 2012, REGULARIZATION OF UNAUTHORIZED COLONIES

142. 16-31 OCT 2012, REVOLUTION IN THE LAST 50 YEARS IN SETTLEMENTS JHUGGI DWELLERS FORMLESS THAN ONE

143. OCT 2012, MAHARAJA AGRASEN COLLEGE, ACCHI, ADHUNIK, SHIKSHA KE DWAR

144. 1-15 NOV 2012, UN REPORT

145. 16-30 NOV. 2012, DDA THE FIRST AND THE BEST DEVELOPMENT AUTHORITY OF INDIA. (20. 1) OBJECTS OF DELHI DEVELOPMENT AUTHORITY.

146. 1-15 DEC 2012, PART OF THE PHYSICAL PLANNING OF THE NATIONAL CAPITAL REGION (NCR).

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150. (16-28 FEBURARY 2013) EVERYBODY HAS 3 BASIC NEEDS IN LIFE.

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153.**(1-15 April 2013) Health Policy To Fulfill Basic Requirements of Life, Case Example of Delhi**

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154.**(16-30 April 2013) Land Policy is The Most Important Infrastructure Of Development**

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- Breakup of Area For Various uses Are Given In MPD-2021 AD
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155.**(1-15 May 2013) Governance of urban spaces, Governance is a multi Dimensional Phenomenon, It is A Super Administration**

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158. (16-30 June 2013) Universal Institute of Computer & Technology, A-18, Sector 62, Noida - 201301, Unit Of Universal Educational Society (UES)

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3. About UICT
4. Programmes Of IGNOU Offered At UICT (1999- 2012)
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160. (1-15 Aug 2013), Plan of NCR 2031 with Extended Boundary

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161. (16-31 Aug 2013), Governance of Trans Yamuna Area

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19. Existing Landuse of the Zone/ Sub-Zones at Master Plan Level-1992
20. Facilities shown in Zonal Development Plan of Zone-E 21 Maps showing location of various colonies.

(1-15 September, 2013), Know Your Commercial Centres

- Commercial Market prior to 1990
- Commercial areas prior to 1962 (20 in Nos.)
- List of 27 old Markets, Under L&DO, Directorate of Estate and CPWD, Transferred to the New Delhi Municipal Council (NDMC) Prior to MPD-1962
- List of 70 Markets, Under L&DO, Directorate of Estate and CPWD, Transferred to the Municipal Corporation of Delhi (MCD)
- Central Business District (3)
- Sub Central Business Districts
- District Centres -10 in Nos.
- District Centres in The Process of Advance Development - 13 In Nos. (MPD-2021 AD PAGE 69)
- Sub District Centres- 18 Nos.
- Non-Hierarchical Commercial Centres - 8 in Nos. (MPD-2021 AD PAGE-70)
- Community Centres 11+17+33=61
 - Project Completed
 - Project in Progress
 - Project in Planning Stage
- Status of Commercial Projects on Slums & J.J. Lands 11+23+7=41
 - Local Shopping Centre
 - Other Important Projects
- Local Shopping Centre 45+27+71=143
 - Projects Completed
 - Projects Under Progress
 - Projects in Planning Stage
- Convenient Shopping Centre 148+46+83=277
 - Project Completed
 - Project in Progress
 - Project in Planning Stage
- Existing Wholesale Markets, Warehousing and Transport Centres - 8 in Nos. (MPD - 2021 AD PAGE 82)
- Integrated Freight Complexes -5 Nos.
- New Large Wholesale Markets Under Development- 4 in Nos. (MPD-2021 ADP-82)
- Detailed List of fruit & Vegetables Market Developed By MCD-64 in Nos.
 - City Zone, (ii) Karol Bagh Zone, (iii) West Zone, (iv) Sadar Paharganj Zone, (v) Green Park Zone (South Zone), (vi) Lajpat Nagar Zone, (vii) Najafgarh Rural Zone, (viii) Narela Rural Zone, (ix) Shahdara Zone

(16-30 September, 2013), Kanjhawla Growth Centre An Example To Solve The Problems Of Rural Delhi

- Review of literature including provisions in Five Year Plans
- Concepts of Growth Centres, Growth Points and Basic Village
- Plans and Scope of the Project
- Planning of Kanjhawla Growth Centre
 - (4.1). Background, (4.2). Existing landuse, (4.3). Principles to locate land uses, (4.4). Proposed landuse, (4.5). Layout plan of Focal Point, (4.6) Layout plan of Residential cum institutional complex, (4.7). Layout plan of Industrial Complex, (4.8). Layout Plan of Wholesale Fruit and Vegetable Market, (4.9). Cross-sections of Roads.

Planning Principles For The Development Of Jaisalmer - 2021

- Brief of Jaisalmer.
- Tourists attractions in Rajasthan; especially in Jaisalmer.
- Financial Planning for EWS, LIG, and other uses.
- Connectivity of Jaisalmer
- Settlements in Jaisalmer district.
- Proposed Principle of Planning
- Infrastructure Planning (Housing, Physical, Circulation, Social, Economic, Ecological, Emergency, Environment, Character).
- Important Maps
- Private Partnership - Jaisalmer dated 24-09-013. : by R.G. Gupta
- Top Tourist Places in Jaisalmer Recommended by Travelers.

(1-15 November, 2013), System of Present and Past Plans of Delhi By DDA

Maps of Greater Delhi prepared by Town Planning Organisation, Ministry of Health-1956:

- As per law; DDA at present is
- What should be Done DDA so that the entire NCTD is Developed Properly and in Time?
- Outline Details of the following Terms.
 - INFRASTRUCTURE
 - LAND USE (38 TYPES INCLUDES THE FOLLOWINGS)

Road System

- Delhi Metro Phase III

EXAMPLE OF PHATAK HABUS KHAN TAKEN FROM ZONAL PLAN PREPARED IN 1970'S

1. 1870- MASTER PLAN- THE TIME OF RANI JHANSI

1. SHEET NO. 1 PLAN OF THE CITY OF DELHI-

Plan of the City of Delhi Surveyed and Drawn in the years 1865 & 1866 by Lalas Hurdeo Das and Tika Ram, Under the Superintendence of E. J. Martin ESQ., C. E., Ex. Eng. Reduced and Lithographed at the Surveyor General's Office, Calcutta, for the Municipal Committee of Dehli 1873. Scale 100 FEET = 1 INCH.

1. Shah Burj, 2. Mori Gate, 3. Old Guard Room, 4. Chamar Khana, 5. Ahmad Pai, 6. Kucha Matir Khan, 7. Mukanda Mal ki Gali, 8. Chota Mahal, 9. Fel Khana Shah-Zamane, 10. Rajpootana State Railway, 11. Kabul Gate, 12. Queens Road, 13. Mori Gate Road, 14. Bara Mahal, 15. Mukand Lal, 16. Phatak Nawab, 17. Barhaiyon Ki Gali, 18. Major Cade Kantzone, 19. Bank of Bengal, 20. Major G. A. DE. Kantzone, 21. Kucha Moglan, 22. Sui Walan Ki Gali, 23. Imam Bara, 24. Katra Babu Rai, 25. Dhobi, 26. Wara, 27. Duli Singh Ki Gali, 28. Dudh Walan, 29. Lala Janki Das, 30. Lala Chunna Mal, 31. Piare Lal, 32. Jyuz Beg, 33. Jauhari Mal, 34. Sayad Firoz Ka Bangla, 35. Jan Muhammad, 36. Hamil, 37. Level Crossing Road, 38. Canal, 39. Narayan Das, 40. Chhunna Mal.

2. SHEET NO. 2 PLAN OF THE CITY OF DELHI-

1. Small Cause Court, 2. Havalat, 3. Court House, 4. Deputy Commissioner Kutchery, 5. Police Barraok, 6. Mall Khana, 7. Kashmiri Gate, 8. Mr. James Skinners, 9. Mr. DE Gruyther, 10. Ibrahi, 11. Munsii Amujans Property, 12. St. James Church, 13. Burial Ground, 14. Stable, 15. Lala Wazir, 16. Mr. Galin, 17. Mr. Strin, 18. College Garden, 19. Govt. College, 20. Piari Lal, 21. Reyo Dr. Keegan, 22. Gian Chand, 23. Chabi Salem Ka Bangala, 24. Banarsi Das, 25. Mr. Jas Skinner, 26. Ibrahim Mosque, 27. Jut Mal, 28. Mosque, 29. Nasir Ganj Road, 30. Kalu Panmesri, 31. Rajon ki Gali, 32. Bara Mahal, 33. Lala Chuna Mal, 34. Khir Khi Ibrahim Ali Khan, 35. Duli Sing, 36. Kutub Ki Gali, 37. Mirmuhamad Khan Ki Gali, 38. Kanchni Gali, 39. Hakimon, 40. Panipation Ki Masjid, 41. Duli Sing's Shop, 42. Thakur Das, 43. Sardar Mirza, 44. Ton Street, 45. Goods Station, 46. Passengers Station, 47. Punjab Railway Station, 48. AST Indian Railway Station, 49. Hamilton, 50. Bungalow, 51. Servant Houses, 52. Railway Workshop, 53. Good station, 54. Mr. Bell

3. SHEET NO. 5 PLAN OF THE CITY OF DELHI-

1. Rang Mahal, 2. Bara Dari, 3. Ghi Ka Katra, 4. R.R. Winter, 5. Katra Bakhtawar, 6. Katra Panjabi, 7. Phatak Hafiz Khan, 8. Mahal Lakayatan, 9. Mohun Lal, 10. Fatah Puri Bazar Road, 11. Katra Tamba Ku, 12. Katra Bausis, 13. Peron Ka Katra, 14. Katra Maid Gara, 15. Mujjeed, 16. Chuna Mal, 17. Gali Sando, 18. Sarai Bangas, 19. Fatah Puri, 20. Katra Buryan, 21. Howeli Haidar, 22. Kali Khan Katra, 23. Haweli Wilyati Khanam, 24. Katra Gulam Muhammad, 25. Katra Hisamuddin Haider, 26. Kuncha Alif Baig, 27. Nawab Mirza, 28. Nai Bans, 29. Katra of Bausis, 30. Gal Nowab Mirza, 31. Kucha Alif Baig, 32. Kucha Tahawar Khan, 33. Katra Mahamad Khan, 34. Katra Shekh Chand, 35. Chuhian Katra, 36. Hijron Ki Gali, 37. Rallan Ka Chata, 38. Samuson ki Gali, 39. Ranon ki Gali, 40. Katra Hindu, 41. Shah Baz Khan, 42. Bazar Khirki Farash Khana, 43. Katra Rod Garan, 44. Katra Dina Beg, 45. Pandit, 46. Gali Mirdhan, 47. Gali Mir Jumla, 48. City Wall, 49. Kuncha Mir jumla, 50. Madarsa Mir Jumla, 51. Gali Chah Shiri, 52. Canal, 53. Lothian Road, 54. Temple, 55. Temple, 56. Khas Bazar, 57. Kuncha Ghasi Ram.

4. SHEET NO. 7 PLAN OF THE CITY OF DELHI-

1. Delhi Bank, 2. Baptist Chapel, 3. Canal, 4. Lothian Road, 5. Canal Chauki, 6. Water Mills, 7. Ball Court, 8. Temple, 9. Temple of Madho Das, 10. Barrack Masters Godown, 11. Eng. Godown, 12. Uddaula, 13. Mosque, 14. Gali Chaudhriyan, 15. Mushroom Katra, 16. Saraogi Temple, 17. Rehut Ka Kua, 18. Civil Dispensary, 19. Mosque, 20. Jama Masjid, 21. Khas Bazar, 22. East & South Gate, 23. Amujan, 24. Bulaqi Begam Ka Kucha, 25. Badr Ud Din, 26. Elgin Road, 27. Khas Road, 28. Seth Ka Kucha, 29. Tadamib House, 30. Jat Mal Ka Kucha, 31. Ordnance Depot, 32. Powder Magazine, 33. Tent Godown, 34. Married Quarters, 35. Delhi Gate Battery, 36. Commissariat Godown, 37. Artillery Married Quarters, 38. Well, 39. Koonjray Ki Gali, 40. European Guards, 41. Kucha Ramroo, 42. Sangtarashan Ki Gali, 43. Bhut Ki Gali, 44. Thanray Ki Gali

5. SHEET NO. 8 PLAN OF THE CITY OF DELHI-

1. Barrack, 2. Baths, 3. Bhadon or Sawan Bhadon, 4. Shah Burj, 5. Officer's Mess, 6. Mess Servants, 7. QR Guard, 8. Garrison Hospital, 9. Motee Musjid, 10. Ukub Hummam, 11. Dewan Khas, 12. Mess Servant, 13. Cook House, 14. Naubat Khana, 15. Privy, 16. Wash House, 17. Diwan-Am, 18. Suman Burj, 19. Ball Court, 20. Small Magazine.

6. SHEET NO. 9 PLAN OF THE CITY OF DELHI-

1. Mahalla Nirian, 2. Kuch, 3. Shah Ganj, 4. Ditch, 5. City Wall

7. SHEET NO. 11 PLAN OF THE CITY OF DELHI-

1. Imam Ki Gali, 2. Haveli Bakhtawar Khan, 3. Road Jama Masjid to Delhi Gate, 4. Road Chitli Qabr to Jama Masjid, 5. Katra Nizamul Mulk, 6. Gali Kababiyani, 7. Katra Gukal Shah, 8. Haweli Ahmud Ali Khan, 9. Matiya Mahal, 10. Houses of Nawab Dujana Wala, 11. Haweli Azam Khan, 12. Kucha Faulad Khan, 13. Haveli Khan Dauran Khan, 14. Houses of Kalka Das, 15. Katra Girdhar Lal, 16. Patoudi Nawabs Houses, 17. Mosque, 18. Nukkar Khan Haveli, 19. Kucha Parman, 20. Kucha Tara Chand, 21. Kucha Nahar Khan, 22. Katra Mahar Purwar, 23. Gali Mochiyani & Kumharian, 24. Bhojla Pahari, 25. Kucha Jalal Bokhari, 26. House Far Khan, 27. House Mir Shikari, 28. Katra Ganeshi Lal, 29. Katra Jawala Nath, 30. Poora Culyan, 31. Gunj Mir Khan, 32. Katra Ramji Das, 33. Butcmers House, 34. Chandni Mahal of Mirza Gohar, 35. Katra Abdul Rahman, 36. Haweli Mir Khan, 37. Kamrah Bangash, 38. Katra Golab Rai Mahar Chand, 39. Nawab Azam Ali Khan's House, 40. Kucha Rohalla Khan, 41. Shish Mahal, 42. Chhatta Lal Miyan, 43. Kucha Sujani Rai, 44. Kucha Nil Khanth, 45. Turkman Gate, 46. Katra Ahmad Baksh, 47. Guna Misar, 48. Tokriwalon Ka Mohalla, 49. Dargah Shah Turkman, 50. Dakauton Ka Mohalla, 51. Mahalla Imli Pahari, 52. Gali Umbeya, 53. Haveli Mahabat Khan, 54. Haveli Kallu Khawas, 55. Mahalla Mir Qusam, 56. House Chunna Mul, 57. Bag Mir Khan, 58. Tawela Ki Gali, 59. Kucha Tehrahiya Bheram Khan, 60. Chhatal Mumgaran

8. SHEET NO. 12 PLAN OF THE CITY OF DELHI-

1. Dariyan Ganj Garden, 2. Bakery or Mosque, 3. Road Khairati Ghat or Masjid Ghat, 4. Jumna River, 5. Duli Singh Bungalow, 6. Office, 7. Chand Singh's Bungalow, 8. Ishq Lal's Bungalow, 9. Mr. Hopkins House, 10. Mr. Hay House, 11. Girdhari Lal House, 12. Jain Mandir, 13. Gali Maliyan, 14. Kucha Lal Man, 15. Hakim Balab Garh, 16. Jatwara, 17. Katra Badruddin, 18. Sadulla, 19. Liquor House, 20. Sharfuddin and Kasam Ali Khan House, 21. Women's Hospital, 22. Police Station, 23. Mosque, 24. Mandi, 25. RI Ki Mandi, 26. Native Infantry Lines, 27. Magazine, 28. Kacha Houses, 29. Delhi Gate, 30. Nicholson Road South, 31. Ponds, 32. Water Tanks etc.

2. 1912- SHIFTING OF THE CAPITAL FROM KOLKATA TO DELHI

1. 1911, a very different story.(TOI)
2. महज 13 करोड़ में बस गई थी नई राजधानी, जार्ज पंचम का दरबार और राजधानी बनाने की घोषणा (दैनिक जागरण)
3. आज भी कायम है पुराने जयको का मजा
4. कला संस्कृति ने भी किए कई श्रृंगार
5. Delhi 100 Centenary of History (HT)
6. Continue the celebration with more cultural events taking place in the city
7. 100 years of Glory
8. New Delhi 100 Centenary of the Capital (The Royal Couple)
9. New Delhi 100 Centenary of the Capital (Foundation Stone is Land)
10. New Delhi 100 Centenary of the Capital (Inauguration of a Capital)
11. Stunning durbar almost didn't happen
12. Royal gifts: Phones, trains and electricity
13. Century scored as city drop catch, A milestone missed in December haze
14. New Delhi 100 Centenary of the Capital (Birds Eye View of the City)
15. Witness a Capital Change
16. New Delhi comes of age
17. Modern and Happening it was only in the 1970s that the Capital settled down and acquired a character.
18. 100 things essentially Delhi
19. Climatic Experience
20. Delhi celebrates its centenary year (HT)
21. 40वां विजय दिवस 16 दिसम्बर 2011
22. परमवीर चक्र अवार्ड
23. New Delhi 100 Centenary of the Capital
24. No full stops in Delhi: CM (HT)
25. Life and times in Delhi (HT)
26. सौ कदमों में सिमट गई सौ साल की दिल्ली
27. लंदन-पेरिस नहीं बनी पर बदली है दिल्ली
28. A Future for the Past
29. Repair nod: Hope floats for houses in heritage zone
30. Who's Afraid of Swami & Friends?
31. The Magician of Metaphor, M.K.Gandhi combined spiritualism and politics-achieving a revolution.
32. Filling the Red Fort's Blanks
33. The Evolution of A World- Class City.

3. Wilson Survey Sheets.

1. Greater Delhi Historical Growth, June-1956 (No. 2).
2. Greater Delhi Generalized Existing Land Use, June -1956 (No. 3).
3. Greater Delhi Residential Areas, June -1956 (No. 4).
4. Greater Delhi Major Work and Commercial Area, June -1956 (No. 5).
5. Greater Delhi Redevelopment Areas, June -1956 (No. 6).
6. Delhi State Educational Institutions, June-1956 (No.7).
7. Greater Delhi Educational Institutions, June -1956 (No. 8).
8. Greater Delhi Park, Open Spaces and Historical Monument, June-1956 (No. 9).

9. Greater Delhi Community Facilities, June- 1956 (No.10).
10. Greater Delhi Public Utilities, June-1956 (No. 11).
11. Greater Delhi Population Distribution, June-1956 (No. 12).
12. Delhi State Population Distribution 1951, June-1956 (No. 13).
13. Delhi State Population Trends 1911-1951, June-1956 (No.14).
14. Delhi State Existing Major Regional Circulation Pattern, June-1956 (No. 15).
15. Greater Delhi Existing Major Circulation Pattern, June-1956 (No. 16).
16. Greater Delhi Vehicular Traffic Volume, June-1956 (No. 17).
17. Greater Delhi Cycle Traffic Volume, June-1956 (No. 18).
18. Greater Delhi Public Transit and Night & Day Population, June-1956 (No. 19).
19. Greater Delhi Interim General Plan, June-1956 (No. 20).
20. Area form Mori Gate to Kashmiri Gate, (Sheet No. 87).
21. Ehan Daora Garden, Sarai Garden, (Sheet No. 22).
22. New Chandrawal, (Sheet No. 24).
23. Lalaamern Naths Garden, Baghichi Lala Ram Narain, Shahadat Khan Garden, (Sheet No. 30).
24. Baghichi Seth Kanhiya Lal, Tikonia Garden, Roshanara Garden, (Sheet No. 40).
25. Achar Wala Garden, Lari Sangham Lall Garden, The Hanuman & Mahadeo Spinning & Weaving Mills (Sheet No. 32).
26. Kothi Shra Garden, Lala Hardiyan Singh's Garden, Part of Subzi Mandi (Sheet No. 41).
27. Part of Hindu Rao Estate (Sheet No. 42 A).
28. Roshanara Garden & Lall Garden, Kutcha Road, Part of Sugzi Mandi, (Sheet No. 48).
29. Roshanara Bagh Road, Pucka Road, Part of Sabzi Mandi (Sheet No. 49).
30. Area from Sabzi mandi to Govt. House, Mutiny Memorial, Part of Hindu Rao Estate (Sheet No. 51A).
31. Roshanara Garden, Manohar Wala Garden, Part of Subzi Mandi (Sheet No. 58).
32. Philkhana Garden, Kharia Bagh, Jauabji Wala Garden (Sheet No. 59).
33. Andha Moghal Wala Garden & Mirza Wala Garden, Sayed Hasan Khan Garden (Sheet No. 69).
34. Delhi & Northern Flour Mills Yard, Rambagh & Chitthi Nawis Garden, W.L. Canal (Sheet No. 70).
35. Kashmiri Gate Road, Sarakzer Fasil Mori Gate (Sheet No. 75).
36. Woodland Hotel, Court Road , Kashmiri Gate (1857), Memorial Slab (Sheet No. 76).
37. Dept. Commissioners office, E.I.R. Guard Quarters, Metcalfe's Tomb (Sheet No. 77).
38. Sheet No. 78, Plain Map
39. Sayed Hasan Khan Garden, Malik Rahman Bux Garden , Gheth Khana Garden (Sheet No. 81).
40. The Delhi Cloth and General Mills, Lala Chunna Mall's Grounds, Southern Punjab Railway (Sheet No. 82).
41. Lala Siri Krishn Das's Garden, Part of Sabzi Mandi & Bara Hindu Rao, W.J. Canal, Bangash Bridge (Sheet No. 83).
42. Part of Sabzi Mandi & Kishanganj & Sadar , Nawab Ahmed Ali Khan Wala Garden, Katra Manak, W.J. Canal (Sheet No. 84).
43. Part of Sabzi Mandi & Telewara , G.T. Road, (Sheet No. 85).
44. Phuta Gate Road , Hamilton Road, Dufferin Bridge, Shah Burj 'Bastion' , (Sheet No. 86).

45. Hindu College, Nasir Ganj Road, **(Sheet No. 88)**.
46. Govt. Boarding House, Station School, Boarding House Normal School **(Sheet No. 89)**.
47. Bela Road, Burning Ghat **(Sheet No. 90)**.
48. Amid Khan's Garden, B.M. Railway, **(Sheet No. 95)**.
49. Rajputana Malwa Railway Yard, Raojis Garden, R.M.R. Servants Quarters **(Sheet No. 96)**.
50. Part of Bara Hindu Rao, Nazul Land, Mission House **(Sheet No. 97)**.
51. Part of Pahari Dhiraj, Bazar Teliwara, Jamana Milli **(Sheet No. 98)**.
52. Part of Taliwara, Area form Kamal to Delhi **(Sheet No, 99)**.
53. Aitcheson Tennis Courts, Southern Punjab Railway, G.I.P. Railway, **(Sheet No. 101)**.
54. Delhi Railway Station, Parcel Office, **(Sheet No. 102)**.
55. Kauria Pul Bazar, Telegraph 1857 Memorial Pillar **(Sheet No. 103)**.
56. Old Grava Yard, Jat Ki Dharmashala, Bathing Ghats, Nigambad Gate **(Sheet No. 104)**.
57. Bathing Ghats, Old Bed Arm Of Jamuna, Durbar Road **(Sheet No. 105)**.
58. Part of Shidipura, Raoji Garden, Railway Quarters, Broker Garden **(Sheet No. 110)**.
59. Part of Pahari Dhiraj, Gali Ahaja Kidara, Municipal Lime Kilans **(Sheets No. 111)**.
60. Part of Pahari Dhiraj, Deputy Ganj, Gudrika Hata, Sadar Bazar, Masjid Shahgul **(Sheet No. 112)**.
61. Part of Sadar Bazar, Bahadap Garh Road, Sarai Hafiz Banna **(Sheet No. 113)**.
62. Part of Sabzi Mandi, Cantonment Road, Moh Burial Ground, Hardyan Sindh's Garden **(Sheet No. 114)**.
63. Katra Ghi, Electrical Engine House, Bastion, Clark Ganj Road **(Sheet No. 114)**.
64. Aitcheson Tennis Courts, Mission House, Ishwar Bhawan **(Sheet No. 115)**.
65. Budshah Pasand Well, Queens Garden **(Sheet No. 116)**
66. Sarai Top Khan Road, Delhi & London Bank, Kauria Pul Bazar, R.C. Church **(Sheet No 117)**.
67. Nazul Land, Kutcha Road, Mehdi Burial Ground **(Sheet No. 125)**.
68. Nali Wali Road, Sarai Idgah, **(Sheet No, 126)**.
69. Clark Ganj, Lahori Gate, Bazar Kharibaori, **(Sheet No. 128)**.
70. Masjid Fateh Puri, Katra Barian Bazar Fateh Puri **(Sheet No. 129)**.
71. Town Hall, Queens Garden, **(Sheet No. 130)**.
72. Kauria Pul Bazar, Rama Thiatre, Delhi Bank **(Sheet No. 131)**.
73. Khajuren Wala Garden, Balden Thanedars Garden, Dargab Wala Garden, Hilly Ground **(Sheet No. 140)**.
74. Nazul Land, Hilly Ground, Jhande Wala Road, New Idgah **(Sheet No. 141)**.
75. Hilly Ground, Basti Khatikan, Stone Quarry **(Sheet No. 142)**.
76. Sarai Idgah, Burials Ground, Mazar Khawja Baqi Bills Sahib **(Sheet No.143)**.
77. Bazar Balli Maran, Bazar Lalkuan **(Sheet No. 145)**.
78. Bazar Ballimaran, Bazar Maliwara, Egerton Street **(Sheet No. 146)**.
79. Jala Mandir, Dariba kalan, Katra Dhobian, Gulyan Bazar Chah Hati Wala **(Sheet No. 147)**.
80. Karkhana Khatikan, Chamar wala Garden, Nazul land Chiria Bagh, **(Sheet No. 156)**.
81. Part of Jhandewala, Old Stone Quarry, Old Brick Kila **(Sheet No. 157)**.

82. Nazul Land, Baghicha Alauddin, Motia Khan **(Sheet No. 159)**.
83. Queens Bridge, G.T.P. Railway, Southern Punjab Railway, Rajputana Malwa Railway **(Sheet No. 160)**.
84. Infection Disease Hospital, Nazul Land, **(Sheet No. 160)**.
85. G.I.P. Railway, Circular Road, Okhla Canal, **(Sheet No. 161)**.
86. Bazaar Lal kuan, Bazaar Hauzqazi, Haveli Badal Beg khan **(Sheet No. 162)**.
87. Bazaar Balli Maran, Chawribazar Road, **(Sheet No. 163)**.
88. Masjid **(Sheet No. 164)**.
89. Khas Road, Elgin Road, King Edward the Vii Memorial, **(Sheet No. 165)**.
90. Muisanmyd, qode work, **(Sheet No. 177)**.
91. Okhla Canal, Circular Road, Nazul Land, **(Sheet No. 178)**.
92. Circular Road, Arabic School Play Ground, Bazaar Ajmerei Gate **(Sheet No. 179)**.
93. Bazaar Sitaram **(Sheet No. 180)**.
94. House of Nawab Dujana, Bazaar Matia mahal **(Sheet No. 181)**.
95. Elgin Road, Esplanade Road, Cantonment **(Sheet No. 183)**.
96. Part of Pahar Ganj, Nazul Land, Mondbe Wlan, Area from Pach Kuian to Sadar Bazaar **(Sheet No. 195)**.
97. Okhla Canal, Arabie School, Imperial City Boundary **(Sheet No. 196)**.
98. Area from Pahar Ganj to Ajmeri Gate , Arabie School, Shaji Tank, Circular Road **(Sheet No. 197)**.
99. Kalan Masjid, Gali Naqqarchian, **(Sheet No. 198)**.

4. Colonies Covered Under (DIT) Delhi Improvement First (YET TO BE PREPARED)

5. Delhi Development Provisional Authority (DDPA) (YET TO BE PREPARED)

6. Development of Colonies by Ministry of rehabilitate (YET TO BE PREPARED)

7. 1956-60, Master Plan Prepared by Town Planning Organization under the Ministry of Health and Family Planning (YET TO BE PREPARED)

1. Historical Growth
2. Generalized Existing Land Use
3. Residential Areas
4. Major Work and Commercial Areas
5. Redevelopment Areas
6. Educational Institutions (Primary, Middle, High Schools, Higher Secondary Schools)
7. Educational Institutions (Primary Schools, Middle Schools, High Schools, Higher Secondary Schools, Professional & Degree College, Technical and Special Institutions)
8. Parks, Open Spaces and Historical Monuments
9. Community Facilities
10. Public Utilities
11. Population Distribution
12. Population Distribution - 1951
13. Population Trends 1911-1951

14. Existing Major Regional Circulation Pattern
15. Existing Major Circulation Pattern
16. Vehicular Traffic Volume
17. Cycle Traffic Volume
18. Public Transit and Night & Day Population
19. Interim General Plan

8. Delhi Development Act 1957

1. Preliminary
2. The Delhi Development Authority and its Objects
3. Master Plan and Zonal Development Plans
4. Modifications to the Master Plan and the zonal development plan
5. Development of Lands
6. Acquisition and Disposal of Land
7. Finance, Accounts and Audit
8. Supplemental and Miscellaneous Provisions

9. The Delhi Municipal Corporation Act 1957

1. Preliminary
2. The Corporation
3. Functions of the Corporation
4. Municipal Authorities under the Corporation
5. Procedure
6. Municipal officers and other Municipal Employees
7. Revenue and Expenditure
8. Taxation
9. Borrowing
10. Property and Contracts
11. Accounts and Audit
12. Streets
13. Building Regulations
14. Sanitation and Public Health
15. Vital Statistics
16. Public Safety and Suppression of Nuisances
17. Markets Slaughter Houses, Trades and Occupations
18. Improvement
19. Powers, Procedure, Offences and Penalties
20. Rules, Regulations and Bye-laws
21. Control
22. Miscellaneous
23. Supplemental and Transitional Provisions

10. Volume-One Work Studies relating to the preparation of Master Plan for Delhi prepared by DDA.

1. Introduction
2. Preamble
3. Origin and Growth of Delhi
4. Regional Aspects
5. Population
6. The Economy of Delhi

7. Land Use Survey and Analysis
8. The Role of Government Employment
9. Business and Commerce
10. Industry and Manufacturing
11. Housing and Neighbourhood
12. Urban Renewal and Redevelopment
13. Education, Health and Recreation
14. Traffic and Transportation
15. Public Utilities and Services
16. Rural Delhi
17. Financial Implications of the Plan
18. Planning Administration

11. Volume-Two Work Studies relating to the preparation of the Master Plan for Delhi prepared by DDA.

1. The ward wise Density of Population in Delhi.
2. Detailed break-up of the Working Force in Delhi from 1921 to 1951.
3. The prospective State Income of Delhi State and its Distribution.
4. Redevelopment Plan : Kotla Mubarakpur.
5. Sarai Rohilla: Social Profile and a Redevelopment Plan.
6. Daryaganj: Social Profile and a Redevelopment Plan.
7. Redevelopment Plan for Ranjit Nagar, Shadipur, Khampur and South Patel Nagar.
8. Redevelopment Plan for Kucha Pati Ram and Sui Walan.
9. Redevelopment Plan for Jhandewalan-Motia Khan-Qadam Sharif.
10. Jama Masjid Community Square Plan.
11. Planning a District Shopping Centre at Pusa Road.
12. Notes on Nizamuddin Monuments Area and Recreational Area in S.W. Extension and Lake on Kitchner Road.
13. List of objectors.

12. First Master Plan of Delhi – 1962 along with modifications during 60s & 70s.

1. **Chapter-I:**
The Land Use Plan
 1. Land Use Plan for Delhi Metropolitan Area
 2. Land Use Plan for Urban Delhi Metropolitan Area
 - (a) Major policy decisions
 - (b) Planning synthesis
 3. Government Offices
 4. Commercial Areas
 5. Industry & Manufacturing
 6. Residential Areas
 7. Development Zones
 8. Traffic & Transportation
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19. Industrial Area Panki Site No. II (Kanpur) Situated on National Highway No. 2 at a Distance of 8 KMS From Kanpur City.
20. Industrial Area- Panki Site No. I (Kanpur) on National Highway No.2 at a Distance of 6 kms from Kanpur (City)
21. A. Aligarh on at Rault Distt:- Aligarh
22. Industrial Area- Naini. Allahabad
23. Lay out Plan of I.A. Shaktipur (Distt: Pith Oragarh)
24. Industrial Area- ORAI Phase- II
25. Lay out Plan of Industrial Area Etah.
26. Industrial Housing- Tikaria, Dist. Sultanpur
27. Industrial Area-Rania Site No.1
28. Proposed Industrial Estate Maharajganj distt. Rae Bareli.
29. Layout Plan of I.A. Roorkee (Hardwar)
30. Industrial Housing- Fatehpur
31. I.E. Pattikalan (Rampur)
32. Industrial Area- Almora (Mohan INDL.Area)
33. Pipalsans Industrial Area(Part) Distt:- Nainital
34. Layout Plan of Industrial Area Jaunpur
35. Industrial Area Gajraula Site.