



DISTRICT LAND USE & ZONING PLANS FOR LOCAL GOVERNMENTS IN PUNJAB

DISTRICT KHANEWAL (2023-2043)

Project Management Unit (PMU)

Local Government and Community Development Department





Planning Today for Resilient Tomorrow



FOREWORD

Conventionally, Local Governments play a crucial role in achieving the targets of sustainable development. The optimum allocation and utilization of land is essential to address the challenges posed by rapid urban sprawl. By focusing on land use planning, we can steer urban expansion in a way that preserves agricultural land, conserves resources, and ensures long-term food security. With clear, actionable strategies, we are confident in our ability to build vibrant, sustainable communities for the future. The Land Use Plan will serve as a comprehensive guide, ensuring that urban growth is managed effectively and align with Sustainable Development Goals (SDGs).



While the law obligates each Local Government to independently formulate plans to address present and future needs, numerous challenges have hindered their ability to fulfill this mandate. To support Local Governments, the department has established a centralized Project Management Unit (PMU) to lead the preparation of Land Use Plans across Punjab and provide technical and financial resources without compromising the independence of Local Governments by actively involving them in the planning process. The purpose is to ensure inclusivity and ownership of these 20-years Land Use Plans.

We have successfully completed the District Land Use and Zoning Plans for Punjab, introducing a comprehensive policy framework that equips Local Governments with the tools to manage land use effectively. This milestone was achieved on fast-track due to strong collaboration between the Local Government & Community Development Department and the District Administrations. These Plans have been duly approved and notified under the Punjab Local Governments Land Use Plan (Classification, Reclassification, and Redevelopment) Rules 2020.

(Shakeel Ahmad Mian)

Secretary to Government of the Punjab
LG&CD Department



EXECUTIVE SUMMARY

One of the key responsibilities of the Local Governments is the regulation and optimal utilization of the precious land resource. The unchecked horizontal growth of our cities has led to depleting prime agriculture land, environmental degradation, and poor land management, which further threatened food security and climate resilience, leaving cities ill-equipped to meet global benchmarks like the Sustainable Development Goals (SDGs). The disjointed framework for land use planning called for a structured and strategic approach to guide sustainable urban development.

Recognizing the capacity constraints of Local Governments, the Local Government & Community Development Department initiated a centralized support unit for the preparation of Land Use Plans. Tasked with this responsibility, the Project Management Unit (PMU) has been established to lead these efforts across Punjab's districts. The primary objective is to provide financial and technical assistance to local governments while ensuring a standardized and inclusive approach to planning.

The land use and zoning plans were crafted using a balanced and data-driven approach designed to address the distinct needs of local communities. Through a context-specific and rational methodology, future land demand was meticulously projected to foster compact urban growth and maximize land efficiency. The structure plan strategically integrates a hierarchical road network to organize urban development, ensuring seamless mobility, enhanced accessibility, and greater social inclusivity. Central to the plan is a focus on economic vitality, with provisions for robust commercial, industrial, and agricultural activities supported by key infrastructure, including commercial corridors, industrial zones, and farm-to-market roads. Throughout the process, stakeholder engagement was prioritized, embedding a participatory framework to guarantee comprehensive input from all relevant parties.

These land use and zoning plans are now equipped for implementation as comprehensive frameworks for regulating land use, optimizing urban infrastructure, and driving sustainable development across the region. Developed through the collaborative efforts of Project Management Unit (PMU), Planning Officers in each Local Government, Consultants, and local stakeholders, the plans provide actionable guidelines for shaping urban growth. Their implementation will focus on creating

balanced residential, commercial, industrial, and agricultural zones while addressing environmental sustainability and socio-economic inclusivity.

Consultancy firms registered with Pakistan Council of Architects and Town Planners (PCATP) possessing competent professionals have developed these plans, under the guidance and administration of Project Management Unit (PMU) ensuring firm compliance with project's approved Terms of Reference (TORs). This includes a range of activities and deliverables, such as vision formulation, situational analysis, district profiling, projection of a city's future requirements of land, housing, connectivity and social infrastructure, to come up with the data-driven plan. These plans not only outline the urban growth limits for the next 20 years but also ensure a balanced distribution of land for various purposes, including residential, educational, health, IT neighborhoods, commercial, economic, and industrial zones. Additionally, the plans enhance district connectivity through a network of roads, including the Ring Road, bypasses, structure plan roads, farm-to-market roads, intercity corridors, and the widening of existing revenue paths.

WAY FORWARD

True transformation of cities lies in the implementation of plans that determine their future urban form. For effective implementation, our team has developed the Planning Support System (PSS)—the first of its kind—to support local bodies and field hierarchies responsible for land use regulation through a centralized surveillance system. The PSS will assist planning officers in zoning decisions through the “Automated Zoning Report” and help control violations of approved Land Use Plans using a Geo-AI land cover change detection system. The PMU will provide essential training to planning officers to ensure the PSS is utilized to its fullest potential. The system will be further strengthened with feedback from citizens and other stakeholders.

Another challenge in the effective implementation of plans is the missing link between revenue records and proposed land use zoning. Integrating these through the superimposition of revenue records/maps onto Land Use Plans is the way forward—an upcoming venture we are committed to achieving.



(Ume Laila Naqvi)
Project Director



ABOUT CONSULTANT

The preparation of the District Land Use and Zoning Plan for Khanewal was awarded to the consortium of MM Pakistan (Pvt.) Ltd. and NESPAK (Pvt.) Ltd.



Recognized for its excellence in multidisciplinary consultancy, **MM Pakistan (Pvt.) Ltd. (MMP)**, established in 1986, has earned a stellar reputation for delivering innovative planning, engineering, and management solutions across Pakistan. Accredited in Category P1 by the Pakistan Council of Architects and Town Planners (PCATP), the firm boasts an impressive portfolio of over 500 completed projects, including more than 75 Master Plans and Land Use Plans spanning Punjab, Sindh, AJ&K, GB, and KP.



The preparation of the District Land Use and Zoning Plan for Khanewal was awarded to **NESPAK (National Engineering Services Pakistan)**, a prominent engineering consultancy firm established in 1973. NESPAK has extensive experience in providing planning, engineering, and management services across various sectors, both domestically and internationally. Registered in Category P1 with the Pakistan Council of Architects and Town Planners (PCATP), NESPAK has completed over 3,400 projects, including master planning and land use planning for numerous cities and districts across Pakistan, including Punjab, Sindh, AJ&K, GB, and KP. The firm's expertise spans infrastructure, urban planning, environmental engineering, and more, ensuring the effective development of cities and regions. NESPAK has contributed to more than 200 major planning projects, including some of the most significant urban development initiatives in the country.

The firm NESPAK engaged Urban Planner Ahmed Masood, with 20 years of experience, as the Team Leader for the Khanewal Land Use and Zoning Plan Project. He holds a BSc Degree from the University of Engineering and Technology, Lahore, and is currently serving as the Section Head at Architecture & Planning Division, NESPAK. He is registered with Pakistan Council of Architects and Town Planners.

PLAN'S OVERVIEW

The Land Use & Zoning Plan for district Khanewal serves as a crucial instrument in managing the region's growth, particularly in the context of increasing urbanization. This comprehensive plan provides a framework for promoting balanced development while preserving the rural heritage and ensuring environmental sustainability. Following the principles of "Smart Growth," the plan seeks to guide the urbanization of Khanewal in a way that supports economic prosperity while enhancing the quality of life for residents.

Strategic Land Use Planning and Zoning:

The planning process begins with an in-depth analysis of the current land use classification within District Khanewal. The classification identifies and maps the existing land use patterns, urbanization trends, and the interactions between urban and rural areas. This analysis provides a solid foundation for creating a Site Development Zone (SDZ) Structure Plan, set to guide development from 2023 to 2043. The use of geospatial tools and statistical data plays a vital role in identifying the appropriate allocation of land for residential, commercial, industrial, agricultural, and notified zones.

The **Land Use Classification (LUC)** map for Khanewal details the spatial distribution of different land uses at both the Tehsil and Municipal Committee (MC) levels. This map ensures that commercial development aligns with market needs while being compatible with surrounding residential and industrial uses. In particular, the review of Khanewal's commercial road network emphasizes the importance of ensuring that business activities are sustainably integrated into the fabric of the urban environment, adhering to the Land Use Rules of 2020.

Envisioning the Future: Site Development Zone (SDZ) Structure Plan for 2043:

The SDZ Structure Plan for Khanewal presents a forward-looking vision for urban growth. It focuses on densification within the urban core, predicting a 15% increase in population density, which will result in an average of 73 persons per acre by 2043. This approach aims to efficiently accommodate the increasing population while maintaining a high standard of living for residents. To accommodate future growth, the plan outlines the need for an additional 54,540 acres of land for development, with strategic zoning that integrates residential, commercial, industrial, agricultural, and notified areas.

The planned industrial zones are aligned with Khanewal's economic development goals, ensuring that these areas not only meet the immediate needs of the population but also contribute to long-term sustainable growth. By considering factors such as historical growth trends, natural barriers, and existing infrastructure, the SDZ Structure Plan is crafted to ensure that the development is realistic and responsive to both current and future needs.

District-Level Integration: Connectivity, Housing, and Economic Development:

On a broader scale, the District Land Use Plan for Khanewal expands upon the strategies set at the Tehsil level, focusing on the integration of connectivity, housing, and economic development. The District Connectivity Plan highlights the importance of enhancing both inter- and intra-district transportation networks. This ensures that settlements with development potential are well-connected, facilitating the movement of people, goods, and services across the region.

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Improved connectivity is essential for integrating Khanewal into regional and national economic networks. By fostering stronger links with surrounding areas, the district can enhance its role as an economic hub in southern Punjab. The development of housing infrastructure and commercial areas that align with local needs and growth trends is also crucial for ensuring the long-term sustainability of the district.

This strategic approach supports Khanewal's vision of becoming a vibrant, sustainable city, well-equipped to handle urban pressures while fostering a resilient economy. The alignment with regional plans, including the Punjab Intermediate Cities Investment Improvement Programme (PICIIP) 2022, ensures that the SDZ Structure Plan for Khanewal is well-coordinated with broader provincial and national development efforts.

LIST OF

ABBREVIATIONS

ADB	Asian Development Bank
CBD	Central Business District
DC	District Council
DPDC	District Planning & Design Committee
EBA	Established Built-up Area
GIS	Geographical Information System
GoP	Government of Punjab
GRA	Growth Rate Analysis
HBFC	House Building Finance Company Limited
HH	Household size
HQ	Headquarter
LC	Land cover
LFS	Labor Force Survey
LG	Local Government
LG & CDD	Local Government and Community Development Department
LOPs	Layout Plans
LUC	Land Use Classification
MC	Municipal Corporation/ Committee
MOP	Municipal Officer Planning
NH	National Highway
NHP	National Housing Policy, 2001
NOC	No Objection Certificate
NRM	National Reference Manual
OD	Origin-Destination
ODP	Outline Development Plan
PBS	Pakistan Bureau of Statistics

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PCP	Punjab Cities Project
PDS	Punjab Development Statistics
PHATA	Punjab Housing and Town Planning Agency
PICIIP	Punjab Intermediate Cities Improvement Investment Program
PLG	Punjab Local Government
PLGA	Punjab Local Government Act
PMU	Project Management Unit
PSS	Punjab Spatial Strategy
PUSP	Peri-Urban Structure Plan
ROW	Right of Way
SDZ	Site Development Zone
TC	Town Committees
WAPDA	Water & Power Development Authority

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INTRODUCTION



CHAPTER 1

INTRODUCTION

1.1 Vision and Objectives

The aim is to guide future growth by developing a comprehensive approach to land use and spatial planning. By conducting a detailed analysis of existing conditions and identifying potentials that will strengthen the economic sector, the studies will help to address the knowledge gap and build capacity of urban centers in each Tehsil of District Khanewal.

The project covers both urban and rural areas of the district. Land use classification maps are developed at all local levels (District, Tehsil and Municipal Committees) while Site Development Zones (SDZs) Structure Plans are prepared in the Tehsil headquarters and identified potential urban settlements. Inclusion of the Town Committees and other major urban settlement was based on the criteria of population, growth rate, specialized development potential, its distance from the Khanewal city and stakeholder consultation. Further, the rural settlements, Addas and Villages identified by the concerned district administration are provided with Natural Growth Boundary keeping in view their current footprint and potential future requirement.

1.2 District Land Use & Zoning Plan

This district land use plan involves detailed and systematic planning for land use at the local government (LG) level. The key components of this plan include land use classification, review of roads and site development zone.

The detailed classification maps have been created to outline and categorize different land uses within the district. These maps visually represent the designated purposes of various land parcels, such as residential, commercial, industrial, agricultural, and recreational areas. This classification aids in effective urban planning and zoning regulations. Each Local Government (LG) area within the district has been evaluated and provided with a Site Development Zone (SDZ) structure plan. This ensures that specific areas are designated for targeted development initiatives, focusing on economic growth, infrastructure improvement, and urban management. The plan also addresses the integration of commercial roads within the district. These roads are critical for the economic vitality of the district, ensuring accessibility to commercial hubs and markets.

The District Land Use & Zoning Plan also includes a District Connectivity Plan, highlighting farm-to-market roads, marking villages and settlements, natural growth boundaries in case of important villages, settlements or addas and identifying nullahs (water channels). These elements are integrated to create a cohesive, efficient, and sustainable development plan for the entire district, ensuring improved transportation, infrastructure, and resource management. This plan provides a clear framework for future development, ensuring that land is utilized efficiently and sustainably, aligning with the overall vision and goals of the district's development strategy.

1.3 Administrative Structure

District Khanewal is divided into 4 tehsils i.e. Khanewal, Mian Channu, Jahanian and Kabirwala and 168 union councils including 114 rural and 54 urban whose elected representatives formulate Zilla and Tehsil councils.

Following is the summary of administrative units in Khanewal.

- Tehsil: 04
- Municipal Committees: 06

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Table 1-1: Name of local Administration Units/ Local Government and Community Development Department

Sr. No	Established Built-up Area	Administrative Status	MC Population 2017
1	District Khanewal	District Council	-
2	Khanewal	Municipal Committee	251,700
3.	Kabirwala	Municipal Committee	96,665
4.	Mian Channu	Municipal Committee	118,490
5.	Jahanian	Municipal Committee	43,646
6.	Abdul Hakim	Municipal Committee	57,680
7	Tulamba	Municipal Committee	31,986
8.	Makhdoompur	Defunct Town Committee	21,189
9.	Sarai Sidhu	Defunct Town Committee	17,735

Town committees listed as urban settlements by the district government are given in the table below with their population in 2020. Letter by the District government is attached in the annexure identifying the following settlements.

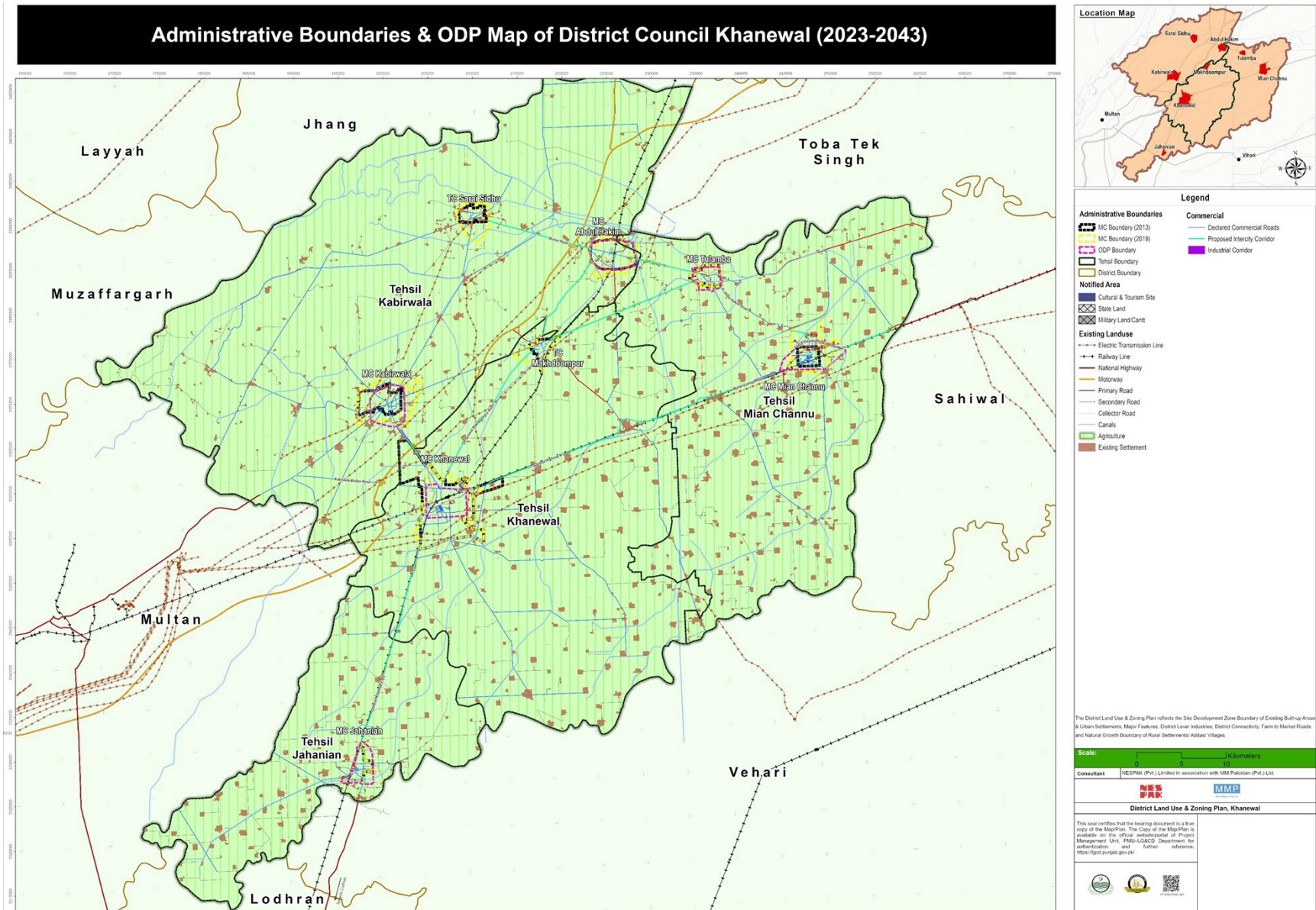
Table 1-2: Urban Settlements in District Council Khanewal

URBAN SETTLEMENTS	MC BOUNDARY 2013 AREA (ACRES)	MC BOUNDARY 2019 AREA (ACRES)	ODP AREA (ACRES)
Abdul Hakeem	3,597	4,072	3,597
Jahanian	1301	1301	2,398
Kabirwala	2,964	6,879	3,781
Khanewal	12,894	9,737	3,686
Mian Channu	1,256	5,428	4,109
Tulamba	1770	1,505	1,770
Sarai Sidhu	1,241	3,037	N/A
Makhdoompur Pahoran	1,144	2,044	N/A

Source: LG&CDD¹ and PBS 2017 census

¹ Local Government and Community Development Department. (n.d.). *Demarcation Maps of LGs- District Khanewal*. [District Khaniwal | Local Government and Community Development](#)

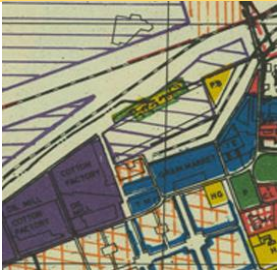
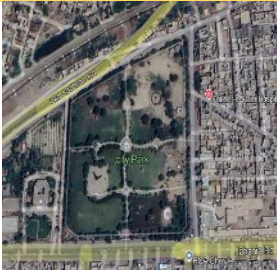
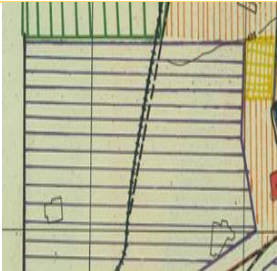




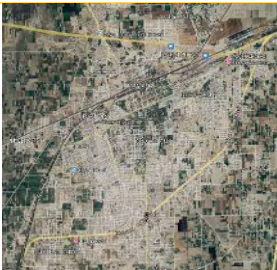


Map 1: Map of Administrative Boundaries, District Khanewal

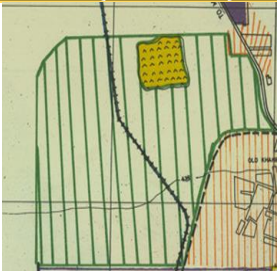



1.4 Review of Previous Plans

1.4.1 Outline Development Plan of Khanewal 1975-1990











Table 1-3: Review of Outline Development Plan of Khanewal 1975-1990

Sr. No.	Land Use Proposed in Zoning Plan (1975-1990)	Current Land Use (2024)	Implementation Status
1	 Proposed Infill Industry	 Industrial and Commercial Mix	The envisioned infill industries, as proposed in the Outline Development Plan (ODP), have been converted into open space, on the vacant parcels adjacent to existing industries, aligning with the planned framework.
2	 Industrial Zone	 Industrial Development Along Major Roads	The current satellite imagery confirms that the proposed major industrial zone outlined in the ODP is under-process for development. Whereas a major section of the proposed zone is still vacant.
3	 Institutional Zones	 Neighbourhood Institutional Facilities	The current satellite imagery confirms favourable implementation of proposed institutional zones in the ODP, with observed conformity and no violations. Facilities observed within the designated zone include educational institutions, healthcare centre and mixed residential land-use.
4	 Proposed Residential	 Residential	Recent satellite imagery reveals partial development in the proposed residential zone in north and densification has been observed in southern areas outlined in the Outline Development Plan (ODP) for Khanewal. This observation strongly justifies the city's expansion in alignment with the ODP's recommended direction. The partial development signals the need for continued urban growth as envisioned in the plan.
5	 Proposed Burial Grounds	 Proposed Burial Grounds	As evident through the present satellite imagery, the designated site for Burial Grounds in the ODP for Khanewal is encroached.

Sr. No.	Land Use Proposed in Zoning Plan (1975-1990)	Current Land Use (2024)	Implementation Status
6			As evident by the present satellite imagery, the designated site for agriculture Land in the ODP for Khanewal is still in agricultural use and it has not been influenced by any type of population influx.
	Agriculture Land	Agriculture Land (2024)	

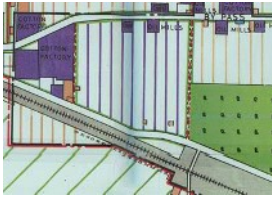

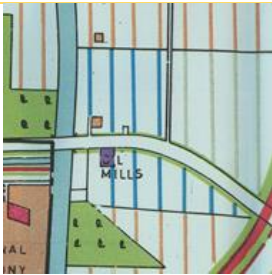



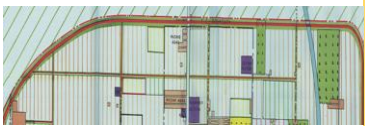
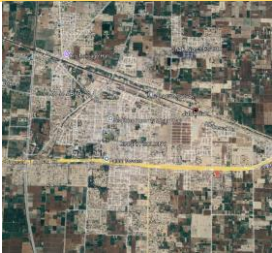
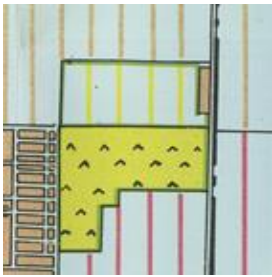



1.4.2 Outline Development Plan of Abdul Hakim (1990-2015)

Table 1-4: Review of Outline Development Plan of Abdul Hakim (1990-2015)



Sr. No.	Land Use Proposed in Zoning Plan (1990-2015)	Current Land Use (2024)	Implementation Status
1			The current satellite imagery confirms that the proposed major industrial zone outlined in the ODP is lying vacant.
	Industrial Zone	Industrial Development Along Major Roads	
2			The current satellite imagery confirms vacant land in place of institutional zones in the ODP.
	Institutional Zones	Institutional Facilities	
3			Recent satellite imagery reveals partial development in the proposed residential zone areas outlined in the Outline Development Plan (ODP) for Abdul Hakeem. This observation strongly justifies the city's expansion in alignment with the ODP's recommended direction. The partial development signals the need for continued urban growth as envisioned in the plan.
	Proposed Residential	Residential	
4			As evident through the present satellite imagery, the designated site for Burial Grounds in the ODP for Khanewal is still vacant.
	Proposed Burial Grounds	Proposed Burial Grounds	
5			As evident by the present satellite imagery, the designated site for agriculture Land in the ODP for Abdul Hakeem is still in agricultural and it has not been influenced by any type of population influx.
	Agriculture Land	Agriculture Land (2024)	

1.4.3 Outline Development Plan of Jahanian (1993-2018)

Table 1-5: Review of Outline Development Plan of Jahanian (1993-2018)








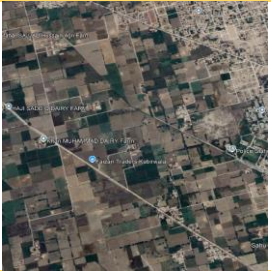
Sr. No.	Land Use Proposed in Zoning Plan (1975-1990)	Current Land Use (2024)	Implementation Status
1	 Proposed Infill Industry	 Industrial and Commercial Mix	The envisioned infill industries, as proposed in the Outline Development Plan (ODP), has undergone partial development, aligning with the planned framework.
2	 Commercial	 Commercial 2024	According to the present imagery, the envisioned commercial zone, as proposed in the Outline Development Plan (ODP), has undergone partial development, aligning with the planned framework.
3	 Institutional Zones	 Institutional Facilities	The current satellite imagery confirms favourable implementation of proposed institutional zones in the ODP, with observed conformity and no violations. Facilities observed within the designated zone include educational institutions, healthcare centre and mixed residential land-use.
4	 Proposed Residential	 Residential	Recent satellite imagery reveals partial development in the proposed residential zone in north and densification has been observed in southern areas outlined in the Outline Development Plan (ODP) for Jahanian. This observation strongly justifies the city's expansion in alignment with the ODP's recommended direction. The partial development signals the need for continued urban growth as envisioned in the plan.
5	 Proposed Burial Grounds	 Proposed Burial Grounds	As evident through the present satellite imagery, the designated site for Burial Grounds in the ODP for Khanewal is in alignment with ground reality.
6		 Open Space	As evident by the present satellite imagery, the designated site for open space in the ODP for Jahanian is still vacant

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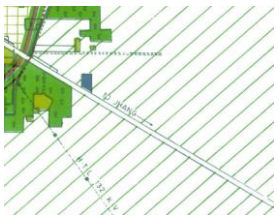

Sr. No.	Land Use Proposed in Zoning Plan (1975-1990)	Current Land Use (2024)	Implementation Status
	Open space	Open space (2024)	
7			As evident by the present satellite imagery, the designated site for agriculture Land in the ODP for jahanian is in prime agriculture use and it has not been influenced by any type of population influx.
	Agriculture Land	Agriculture Land	

1.4.4 Outline Development Plan of Kabirwala (1990-2015)

Table 1-6: Review of Outline Development Plan of Kabirwala (1990-2015)



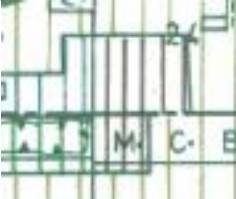

Sr. No.	Land Use Proposed in Zoning Plan (1990-2015)	Current Land Use (2024)	Implementation Status
1			The envisioned infill industries, as proposed in the Outline Development Plan (ODP), has undergone partial development, aligning with the planned framework.
	Proposed Infill Industry	Industrial and Commercial Mix	
2			According to the present imagery, the envisioned commercial zone, as proposed in the Outline Development Plan (ODP), has undergone partial development, aligning with the planned framework.
	Commercial	Commercial 2024	
3			The current satellite imagery confirms favorable implementation of proposed institutional zones in the ODP, with observed conformity and no violations. Facilities observed within the designated zone include educational institutions, healthcare center and mixed residential land-use.
	Institutional Zones	Neighborhood Institutional Facilities	
4			Recent satellite imagery reveals partial development in the proposed residential zone are vacant in the Outline Development Plan (ODP) for Kabirwala.
	Proposed Residential	Residential	


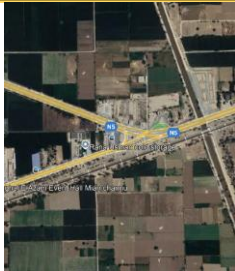





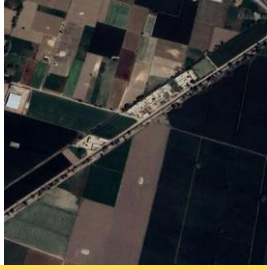
**DISTRICT LAND USE & ZONING PLANS
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Sr. No.	Land Use Proposed in Zoning Plan (1990-2015)	Current Land Use (2024)	Implementation Status
5	 Proposed Burial Grounds	 Proposed Burial Grounds	As evident through the present satellite imagery, the graveyard is well aligned with designated site for Burial Grounds in the ODP for Kabirwala
6	 Open space	 Open space (2024)	As evident by the present satellite imagery, the designated site for open space in the ODP for Kabirwala is still vacant
	 Agriculture Land	 Agriculture Land	As evident by the present satellite imagery, the designated site for agriculture Land in the ODP for Kabirwala is in agriculture use and it has not been influenced by any type of population influx.

1.4.5 Outline Development Plan of Mian Channu (1985-2010)



Table 1-7: Review of Outline Development Plan of Mian Channu (1985-2010)

Sr. No.	Land Use Proposed in Zoning Plan (1985-2010)	Current Land Use (2024)	Implementation Status
1	 Commercial	 Commercial 2024	According to the present imagery, the envisioned commercial zone, as proposed in the Outline Development Plan (ODP), has undergone partial development, aligning with the planned framework.
2	 Institutional Zones	 Institutional Facilities	The current satellite imagery confirms favourable implementation of proposed institutional zones in the ODP, with observed conformity and no violations. Facilities observed within the designated zone include educational institutions, healthcare centre and mixed residential land-use.

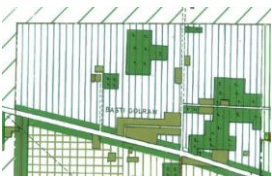



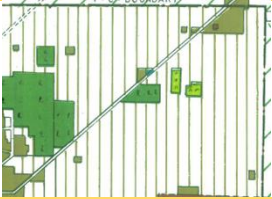
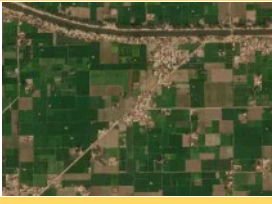




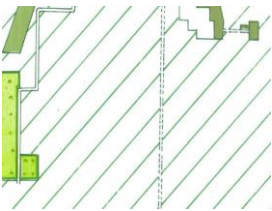

Sr. No.	Land Use Proposed in Zoning Plan (1985-2010)	Current Land Use (2024)	Implementation Status
3	 Proposed Residential	 Residential	Recent satellite imagery reveals partial development in the proposed residential zone are vacant in the Outline Development Plan (ODP) for Mian Channu.
4	 Proposed Burial Grounds	 Proposed Burial Grounds	As evident through the present satellite imagery, the designated site for Burial Grounds in the ODP for Mian Channu is developed accordingly.
5	 Open space	 Open space (2024)	As evident by the present satellite imagery, the designated site for open space in the ODP for Mian Channu is still vacant
6	 Agriculture Land	 Agriculture Land	As evident by the present satellite imagery, the designated site for agriculture Land in the ODP for Mian Channu is in agriculture use and it has not been influenced by any type of population influx.

1.4.6 Outline Development Plan of Tulamba (1993-2018)

Table 1-8: Review of Outline Development Plan of Tulamba (1993-2018)

Sr. No.	Land Use Proposed in Zoning Plan (1993-2018)	Current Land Use (2024)	Implementation Status
	 Commercial	 Commercial 2024	According to the present imagery, the envisioned commercial zone, as proposed in the Outline Development Plan (ODP), has undergone partial development, aligning with the planned framework.

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Sr. No.	Land Use Proposed in Zoning Plan (1993-2018)	Current Land Use (2024)	Implementation Status
	 Industrial zone	 Industrial zone (2024)	<p>The envisioned infill industries, as proposed in the Outline Development Plan (ODP), has undergone partial development, aligning with the planned framework.</p>
	 Institutional Zones	 Institutional Facilities	<p>As evident by the present satellite imagery, the designated site for Institutional Zone in the ODP for Tulamba is still vacant</p>
	 Proposed Residential	 Residential	<p>Recent satellite imagery reveals partial development in the proposed residential zone are vacant in the Outline Development Plan (ODP) for Tulamba.</p>
	 Proposed Burial Grounds	 Proposed Burial Grounds	<p>As evident through the present satellite imagery, the designated site for Burial Grounds in the ODP for Mian Channu is developed accordingly.</p>
	 Open space	 Open space (2024)	<p>As evident by the present satellite imagery, the designated site for open space in the ODP for Tulamba is still vacant</p>
	 Agriculture Land	 Agriculture Land	<p>As evident by the present satellite imagery, the designated site for agriculture Land in the ODP for Tulamba is in agriculture use and it has not been influenced by any type of population influx.</p>

CHAPTER

2

LAND USE CLASSIFICATION



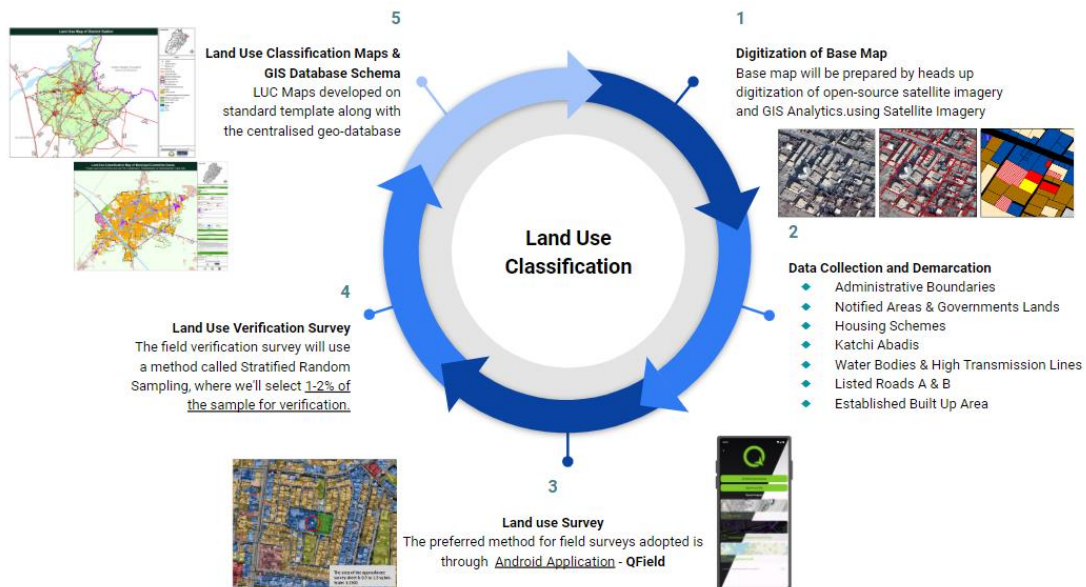
CHAPTER 2

LAND USE CLASSIFICATION

2.1 Process of Land Use Classification

The land use classification map(s) are prepared by following the procedure illuminated in the figure below:

Figure 2-1: Process and Components of Land Use Classification



2.2 Land Use Classification of Local Governments

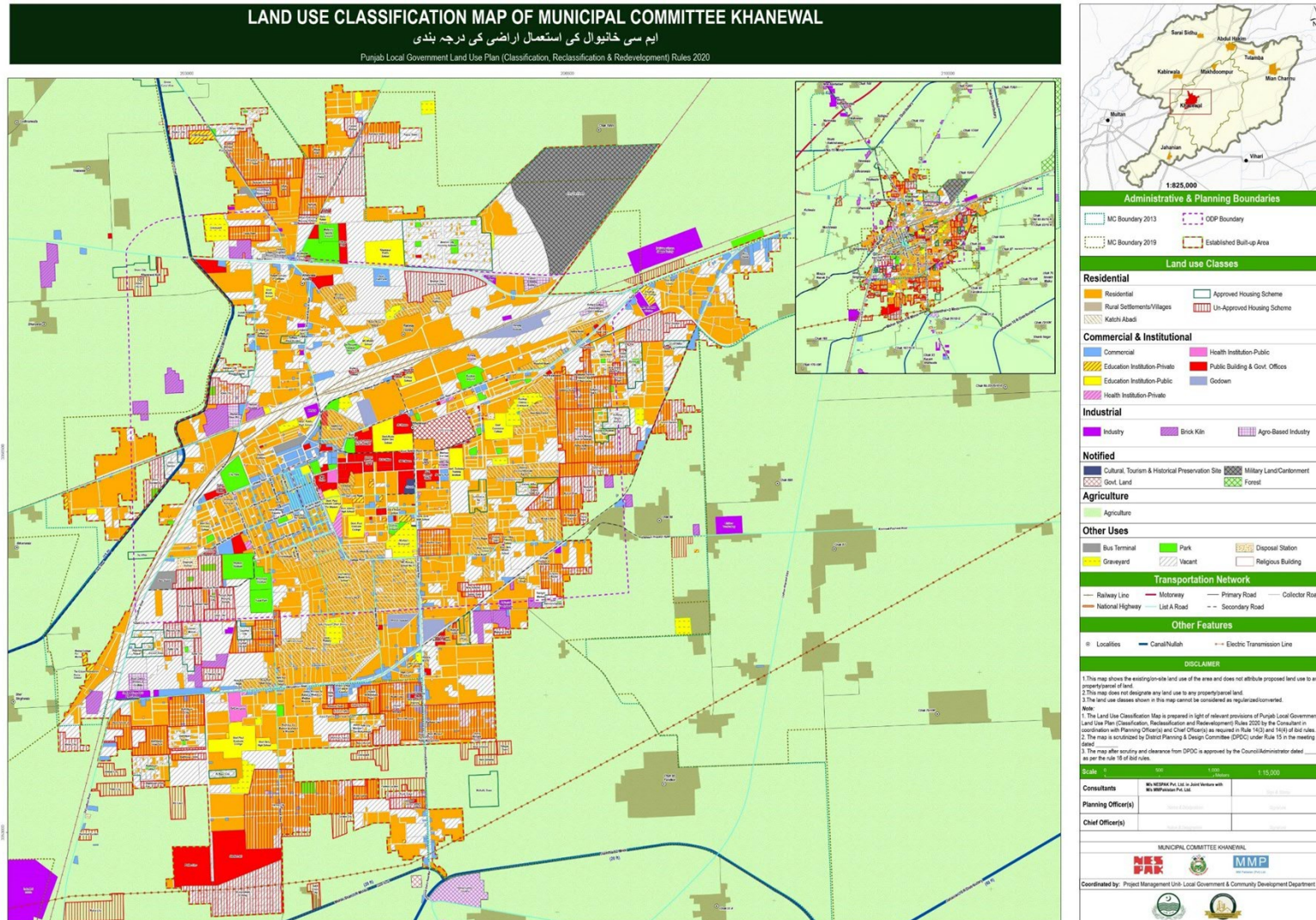
Local government in Punjab, Pakistan, is organized under the framework provided by the **Punjab Local Government Act, 2013** (PLGA). This legislation establishes the structure, powers, and functions of local government institutions in the province of Punjab. The PLGA is administered by the provincial Local Government and Community Development Department (LG&CD) Department, which is responsible for implementing the local government system in Punjab as well as the financing and staffing of administrative set-ups at the district and municipal levels.

Khanewal district's administrative authority is held by the deputy commissioner, who is responsible for coordinating and working with the respective local governments. Five local governments are in place in the district; District Council, Municipal Committee Khanewal, Municipal Committee Kabirwala, Municipal Committee Mian Channu, Municipal Committee Abdul Hakeem, Municipal Committee Jahanian and Municipal Committee Tulamba.

2.2.1 Municipal Committee Khanewal

A. Municipal Committee Khanewal Land Use Classification Map

Map 2: Land Use Classification Map of Municipal Committee Khanewal



B. Land Use Distribution, Municipal Committee Khanewal

Table 2-1: Municipal Committee Khanewal Land Use Classification

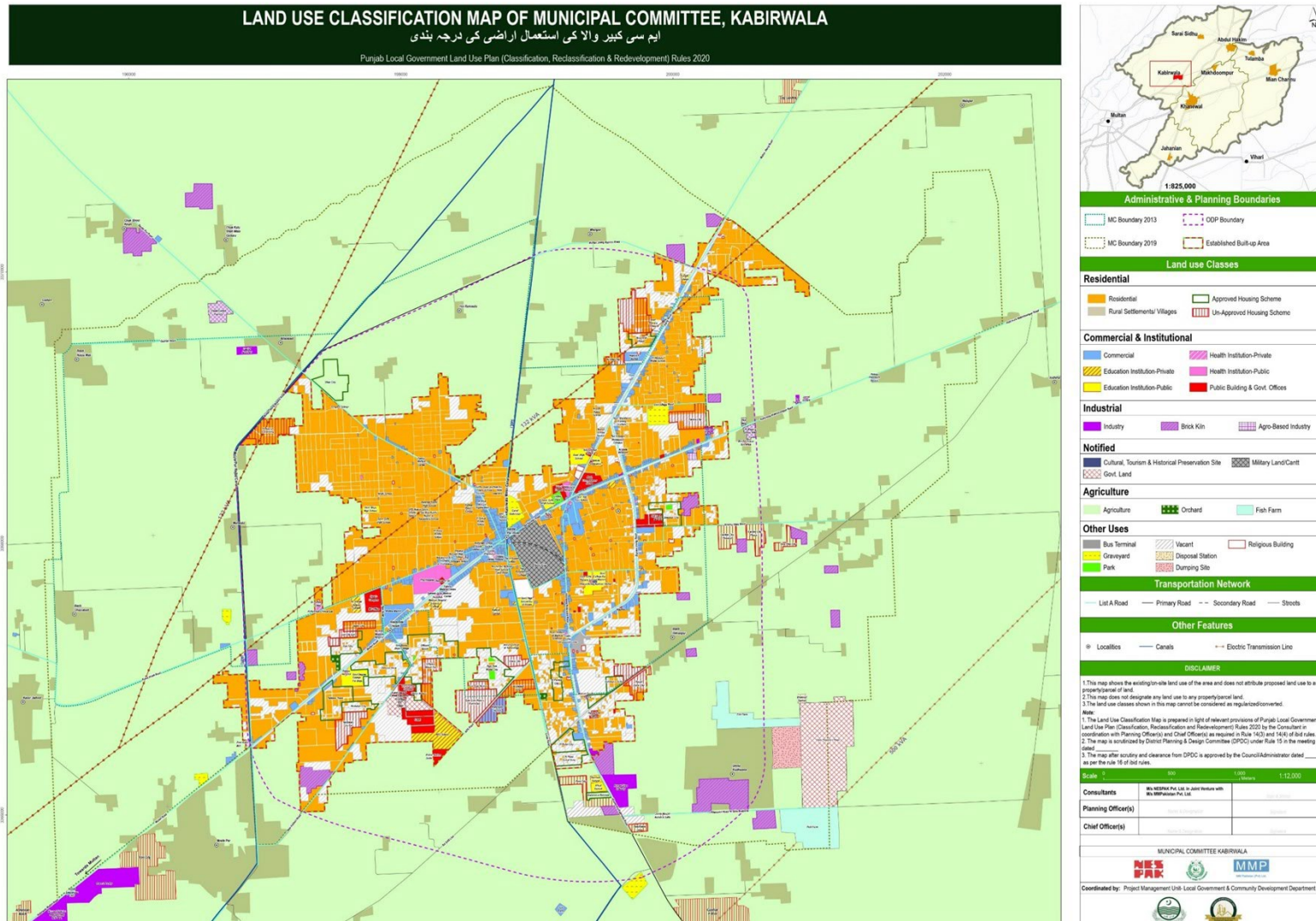
Sr no.	Land Use Categories	EBA		MC (Inside EBA)		MC (Outside EBA)		Total MC	
		Area (Acres)	Percentage (%)	Area (Acres)	Percentage (%)	Area (Acres)	Percentage (%)	Area	Percentage
A Residential									
i)	Residential	2342	38.96%	2303.27	38.86%	7.29	0.10%	2310.56	17.29%
ii)	Rural Settlements	-	-	-	-	372	5.00%	372	2.78%
B Commercial & Institutional									
i)	Commercial	198.09	3.29%	197.34	3.33%	22.28	0.30%	219.62	1.64%
ii)	Institution (Public)	150.25	2.50%	148.39	2.50%	25.28	0.34%	173.67	1.30%
iii)	Institution (Private)	40.87	0.68%	40.87	0.69%	2.01	0.03%	42.88	0.32%
iv)	Govt. Offices	54.97	0.91%	54.97	0.93%	0.41	0.01%	55.38	0.41%
v)	Health (Public)	12.96	0.22%	12.96	0.22%	0.43	0.01%	13.39	0.10%
vi)	Health (Private)	14.18	0.24%	14.18	0.24%	-	-	14.18	0.11%
vii)	Religious Building	28.9	0.48%	28.9	0.49%	2.59	0.03%	31.49	0.24%
viii)	Public Building	160.05	2.66%	160.05	2.70%	6.67	0.09%	166.72	1.25%
ix)	Godown	39.1	0.65%	39.1	0.66%	-	-	39.1	0.29%
	Total	699.37	11.63%	696.76	11.76%	59.69	0.80%	756.43	5.66%
C Industrial									
i)	Agro-Based Industry	23.3	0.39%	23.3	0.39%	4.58	0.06%	27.88	0.21%
ii)	Industry	23.74	0.39%	23.74	0.40%	64.32	0.86%	88.06	0.65%
iii)	Brick Kiln	55.64	0.93%	55.64	0.94%	70.99	0.95%	126.63	0.94%
	Total	102.68	1.71%	102.68	1.73%	139.89	1.88%	242.57	1.80%
D Notified Areas									
i)	Military Land/Cantt	207.35	3.45%	205.25	3.46%	-	-	205.25	1.54%
ii)	Govt Land	-	-	-	-	77.24	1.04%	77.24	0.58%
iii)	Historical Site	3.55	0.06%	3.55	0.06%	-	-	3.55	0.03%
	Total	210.9	3.51%	208.8	3.52%	77.24	1.04%	286.04	2.14%
E Agriculture									
i)	Barren	75.43	1.25%	75.43	1.27%	6353.56	85.44%	6428.99	48.11%
ii)	Orchard	-	-	-	-	302.806	4.07%	302.806	2.27%
	Total	75.43	1.25%	75.43	1.27%	6656.36	89.52%	6731.796	50.38%
F Other Uses									
i)	Bus Terminal	20.89	0.35%	20.89	0.35%	0.84	0.01%	21.73	0.16%
ii)	Graveyard	74.03	1.23%	74.03	1.25%	23.65	0.32%	97.68	0.73%
iii)	Park	120.29	2.00%	120.29	2.03%	-	-	120.29	0.90%
iv)	Vacant	1716.46	28.55%	1697.94	28.65%	-	-	1697.94	12.71%
v)	Disposal Station	7.29	0.12%	7.29	0.12%	3	0.04%	10.29	0.08%
	Total	1938.96	32.25%	1920.44	32.40%	27.5	0.37%	1947.93	14.58%
G Transportation Network									
i)	Roads	639	10.63%	618.87	10.44%	93	1.25%	711.87	5.33%
H Other Features									
i)	Canal/Nullah	4	0.07%	0.78	0.01%	3	0.04%	3.78	0.03%
Grand Total of Land Uses		6012	100%	5927.03	100%	7436	100%	13362.98	100%

Note: The boundary of MC Khanewal, as notified in 2013, has been used for calculations. The total Established Built-up Area (EBA) includes both the EBA within the limits of MC and the EBA extending beyond those limits.

2.2.2 Municipal Committee Kabirwala

A. Municipal Committee Kabirwala Land Use Classification Map

Map 3: Land Use Classification Map of Municipal Committee Kabirwala



B. Land Use Distribution, Municipal Committee Kabirwala

Table 2-2: Municipal Committee Kabirwala Land Use Classification

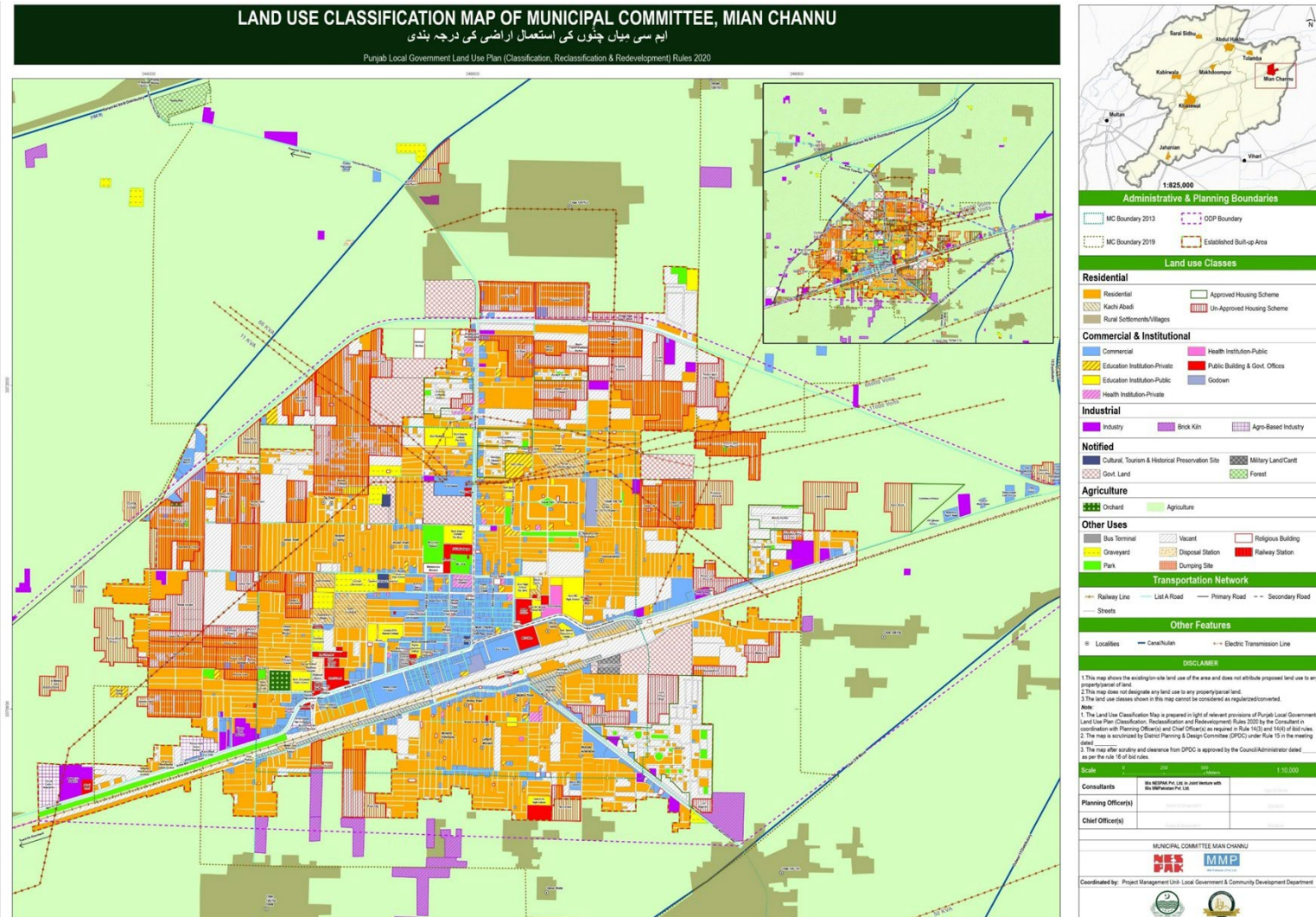
Sr no.	Land Use Categories	Area (Acres)	Percentage (%)	Area (Acres)	Percentage (%)	Area (Acres)	Percentage (%)
		EBA		Rest of MC		Complete	
A Residential							
i)	Residential	984.31	55.05	-	-	984.31	14.14%
ii)	Rural Settlement	-	-	391.829315	-	391.82	5.63%
Total		-	-	1376.13	19.77%	1376.13	19.77%
B Commercial & Institutional							
i)	Commercial	103.34	5.78	0.722062	0.01%	104.06	1.50%
ii)	Institution (Public)	22.15	1.24	2.633259	0.05%	24.78	0.36%
iii)	Institution (Private)	22.2	1.24	-	-	22.2	0.32%
iv)	Govt. Offices	23.75	1.33	-	-	23.75	0.34%
v)	Health (Public)	11.56	0.65	-	-	11.56	0.17%
vi)	Health (Private)	4.13	0.23	-	-	4.13	0.06%
vii)	Religious Building	8.4	0.47	0.110437	0.00%	8.51	0.12%
viii)	Public Building	7.29	0.41	-	-	7.29	0.10%
Total		202.8	11.34	3.465758	0.07%	206.26575	2.96%
C Industrial							
i)	Agro-Based Industry	1.6	0.09	54.51486	1.05%	56.11486	0.81%
ii)	Industry	1.94	0.11	12.472652	0.24%	14.412652	0.21%
iii)	Brick Kiln	13.34	0.75	54.533487	1.05%	67.873487	0.98%
Total		16.88	0.94	121.520999	2.35%	138.400999	1.99%
D Notified Areas							
i)	Military Land/Cantt	28.44	1.59	-	-	28.44	0.41%
ii)	Govt. Land	7.37	0.41	67.09096	1.30%	74.46	1.07%
iii)	Historical Site	0.28	0.02	-	-	0.28	0.00%
Total		36.09	2.02	67.09096	1.30%	103.18	1.48%
E Agriculture							
i)	Orchard	2.45	0.14	141.443898	2.74%	143.89	2.07%
ii)	Barren	3.18	0.18	4403.182467	85.15%	4406.36	63.32%
Total		5.62	0.31	4544.62636	87.89%	4550.24	65.39%
F Other Uses							
i)	Bus Terminal	2.94	0.16	-	-	2.94	0.04%
ii)	Graveyard	10.24	0.57	1.538257	0.03%	11.77	0.17%
iii)	Park	2.97	0.17	-	-	2.97	0.04%
iv)	Vacant	366.07	20.47	-	-	366.07	5.26%
v)	Disposal Station	0.16	0.01	1.017193	0.02%	1.17	0.02%
vi)	Dumping Site	0.16	0.01	15.836153	0.31%	15.99	17.02%
Total		382.37	21.38	18.391603	0.36%	400.76	5.76%
G Transportation Network							
i)	Roads	159.25	8.91	23.534	0.46%	182.78	2.63%
H Other Features							
i)	Canal/Nullah	0.82	0.05	0.54	0.01%	1.36	0.02%
Grand Total of Land Uses		1788	100	5171	100.00%	6959	100.00%

Note: The boundary of MC Kabirwala, as notified in 2013, has been used for calculations. The total Established Built-up Area (EBA) includes both the EBA within the limits of MC and the EBA extending beyond those limits.

2.2.3 Municipal Committee Mian Channu

A. Municipal Committee Mian Channu Land Use Classification Map

Map 4: Land Use Classification Map of Municipal Committee Mian Channu



B. Land Use Distribution, Municipal Committee Mian Channu

Table 2-3: Municipal Committee Mian Channu Land Use Classification

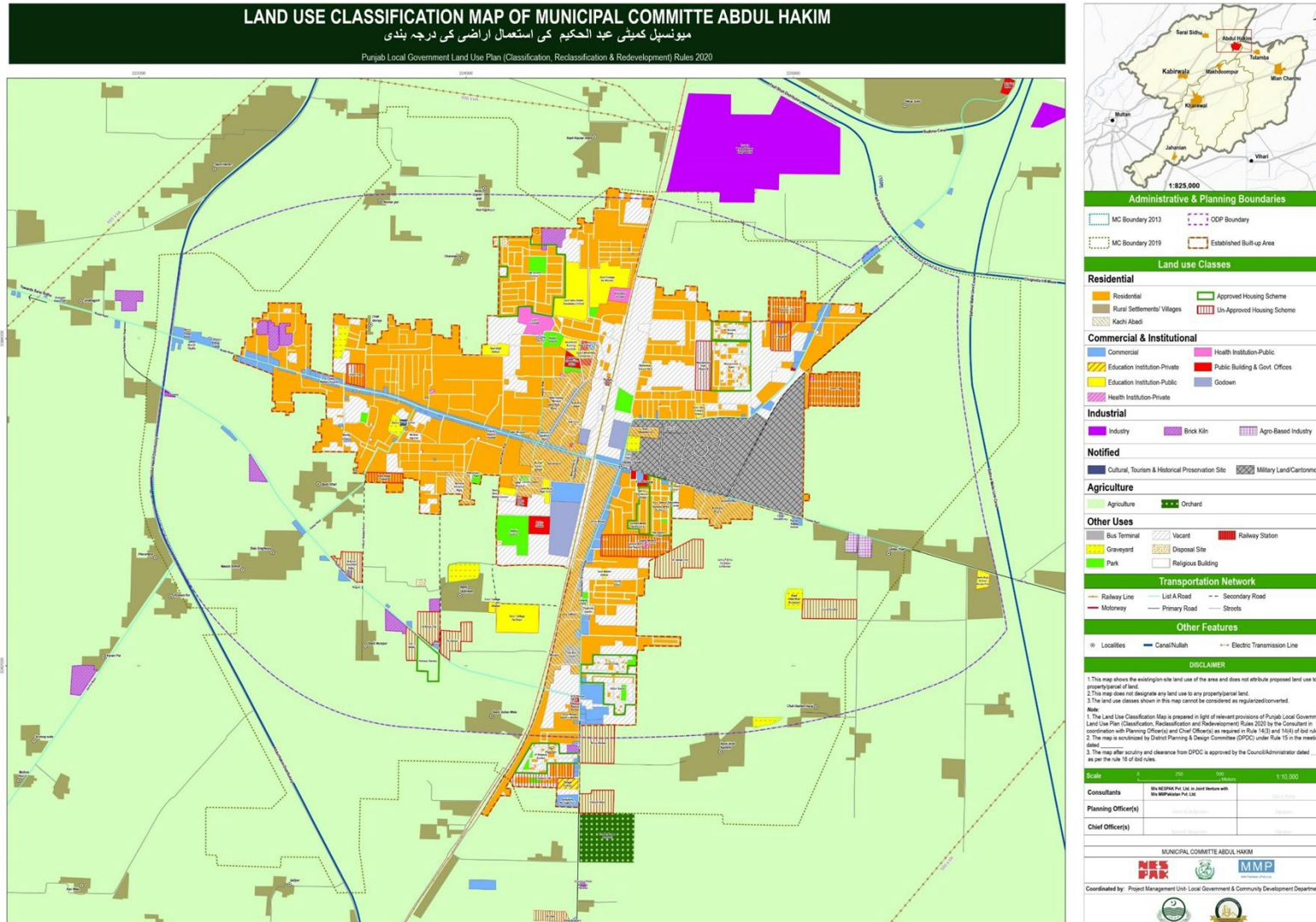
Sr no.	Land Use Categories	EBA		MC (Inside EBA)		MC (Outside EBA)		Total MC	
		Area (Acres)	Percentage (%)	Area (Acres)	Percentage (%)	Area (Acres)	Percentage (%)	Area	Percentage
A Residential									
i)	Residential	1020.46	41.64%	992.3	42.67%	31.8	1.04%	1024.1	19.38%
ii)	Rural Settlements	-	-	-	-	333	10.85%	333	6.30%
B Commercial & Institutional									
i)	Commercial	184.59	7.53%	184.19	7.92%	33.42	1.09%	217.61	4.12%
ii)	Institution (Public)	51.92	2.12%	51.92	2.23%	26.33	0.86%	78.25	1.48%
iii)	Institution (Private)	21.55	0.88%	21.55	0.93%	3.7	0.12%	25.25	0.48%
iv)	Govt. Offices	21.34	0.87%	21.34	0.92%	-	-	21.34	0.40%
v)	Health (Public)	5.37	0.22%	5.37	0.23%	0.43	0.01%	5.8	0.11%
vi)	Health (Private)	11.92	0.49%	11.92	0.51%	0.184	0.01%	12.104	0.23%
vii)	Religious Building	11.71	0.48%	11.71	0.50%	5.76	0.19%	17.47	0.33%
viii)	Public Building	6.8	0.28%	5.32	0.23%	6.94	0.23%	12.26	0.23%
ix)	Godown	7.18	0.29%	7.18	0.31%	-	-	7.18	0.14%
	Total	322.38	13.15%	320.5	13.78%	76.77	2.50%	397.264	7.52%
C Industrial									
i)	Agro-Based Industry	9.43	0.38%	1	0.04%	25.83	0.84%	26.83	0.51%
ii)	Industry	44.26	1.81%	35.91	1.54%	23.17	0.76%	59.08	0.65%
iii)	Brick Kiln	-	-	-	-	133.94	4.37%	133.94	0.94%
	Total	53.69	2.19%	36.91	1.59%	182.95	5.96%	219.85	1.80%
D Notified Areas									
i)	Military Land/Cantt	3.46	0.14%	3.46	0.15%		0.00%	3.46	0.07%
ii)	Govt Land	40.27	1.64%		0.00%	159.97	5.21%	159.97	3.03%
iii)	Historical Site	2.83	0.12%	2.83	0.12%	0.1	0.00%	2.93	0.06%
	Forest Land	-	-	-	-	92.89	-	-	-
	Total	46.56	1.90%	6.29	0.27%	252.96	8.25%	166.36	3.15%
E Agriculture									
i)	Orchard	4.59	0.19%	4.59	0.20%	243.06	7.92%	247.65	4.69%
ii)	Barran	3.24	-	-	0.00%	1838.66	59.93%	1838.66	34.79%
	Total	7.83		4.59	0.20%	2081.72	67.85%	2086.31	39.48%
F Other Uses									
i)	Bus Terminal	1.72	0.07%	1.72	0.07%	-	-	1.72	0.03%
ii)	Graveyard	18.09	0.74%	18.09	0.78%	39.21	1.28%	57.3	1.08%
iii)	Park	38.55	1.57%	35.85	1.54%	0	0.00%	35.85	0.68%
iv)	Vacant	592.2	24.16%	566.01	24.34%	0	0.00%	566.01	10.71%
v)	Disposal Station	2.97	0.12%	2.97	0.13%	3.74	0.12%	6.71	0.13%
	Dumping Station	-	-	-	-	15.84	-	-	-
	Total	653.53	26.67%	624.64	26.86%	58.79	1.92%	667.59	12.63%
G Transportation Network									
i)	Roads	333.79	13.62%	327.96	14.10%	47	1.53%	374.96	7.09%
H Other Features									
i)	Railway Line	12.42	0.51%	12.42	0.53%	3	0.10%	15.42	0.29%
Grand Total of Land Uses		2450.66	100%	2325.61	100%	3067.99	100%	5284.854	100%

Note: The boundary of MC Mian Channu as notified in 2013, has been used for calculations. The total Established Built-up Area (EBA) includes both the EBA within the limits of MC and the EBA extending beyond those limits.

2.2.4 Municipal Committee Abdul Hakeem

A. Municipal Committee Abdul Hakeem Land Use Classification Map

Map 5: Land Use Classification Map of Municipal Committee Abdul Hakim



B. Land Use Distribution, Municipal Committee Abdul Hakeem

Table 2-4: Land Use Classification Municipal Committee Abdul Hakeem

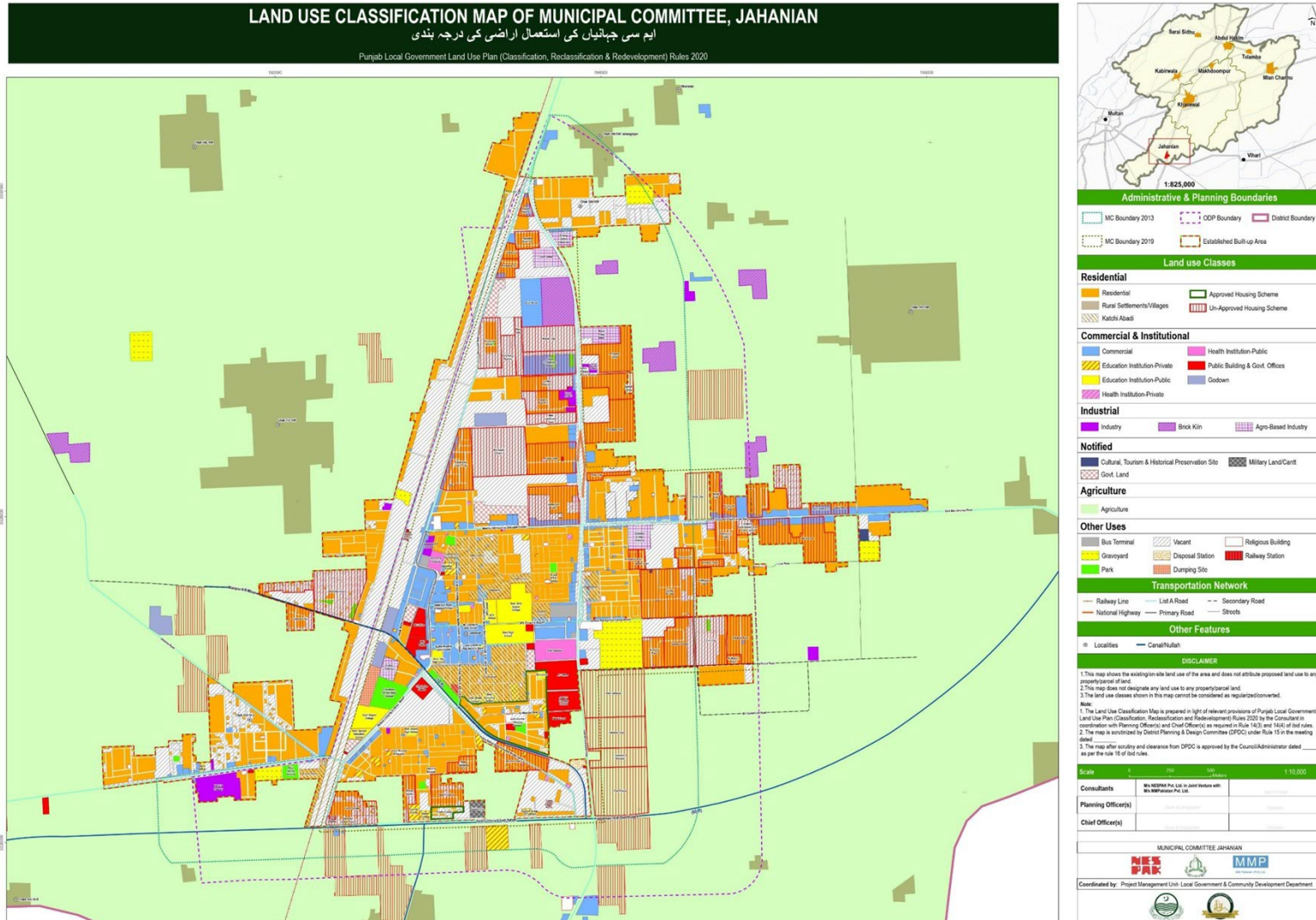
Sr no.	Land Use Categories	EBA		MC (Inside EBA)		MC (Outside EBA)		Total MC	
		Area (Acres)	Percentage (%)	Area (Acres)	Percentage (%)	Area (Acres)	Percentage (%)	Area	Percentage
A Residential									
i)	Residential	600.34	46.04%	596.75	46.06%	-	-	596.75	14.49%
II)	Rural Settlements	-	-	-	-	170.05	5.91%	170.05	4.13%
B Commercial & Institutional									
i)	Commercial	45.75	3.51%	45.75	3.53%	8.739	0.30%	54.49	1.32%
ii)	Institution (Public)	35.9	2.75%	35.9	2.77%	12.30	0.43%	48.20	1.17%
iii)	Institution (Private)	5.19	0.40%	5.19	0.40%	-	-	5.19	0.13%
iv)	Govt. Offices	3.47	0.27%	3.47	0.27%	-	-	3.47	0.08%
v)	Health (Public)	9.11	0.70%	9.11	0.70%	-	-	9.11	0.22%
vi)	Health (Private)	1.42	0.11%	1.42	0.11%	-	-	1.42	0.03%
vii)	Religious Building	3.58	0.27%	3.58	0.28%	0.57	0.02%	4.15	0.10%
viii)	Public Building	6.81	0.52%	6.81	0.53%	-	-	6.81	0.17%
ix)	Godown	18.61	1.43%	18.61	1.44%	-	-	18.61	0.45%
	Total	129.84	9.96%	129.84	10.02%	76.77	2.67%	151.44	3.68%
C Industrial									
i)	Agro-Based Industry	-	-	-	-	4.58	0.16%	4.58	0.11%
ii)	Industry	-	-	-	-	0.44	0.02%	0.44	0.65%
iii)	Brick Kiln	10.7	0.82%	10.7	0.83%	6.24	0.22%	16.94	0.94%
	Total	10.7	0.82%	10.7	0.83%	11.26	0.39%	21.96	1.80%
D Notified Areas									
i)	Military Land/Cantt	116.61	8.94%	116.61	9.00%	-	-	116.61	2.83%
ii)	Govt Land	-	-	-	-	77.24	2.68%	77.24	1.88%
iii)	Historical Site	-	-	-	-	0.10	0.00%	0.10	0.00%
	Total	116.61	8.94%	116.61	9.00%	77.3	2.69%	193.95	4.71%
E Agriculture									
i)	Orchard	-	-	-	-	51.13	1.78%	51.13	1.24%
ii)	Barran	3.31	-	-	-	2444.27	84.92%	2444.27	59.35%
	Total	3.31	-	-	-	2495.40	86.70%	2495.40	60.59%
F Other Uses									
i)	Bus Terminal	3.97	0.30%	3.97	0.31%	-	-	3.97	0.10%
ii)	Graveyard	6.8	0.52%	6.8	0.52%	9.71	0.34%	16.51	0.40%
iii)	Park	25.16	1.93%	25.16	1.94%	-	-	25.16	0.61%
iv)	Vacant	271.47	20.82%	270.88	20.91%	-	-	270.88	6.58%
v)	Disposal Station	2.66	0.20%	2.66	0.21%	0.53	0.02%	3.19	0.08%
	Total	310.06	23.78%	309.47	23.89%	10.2	0.36%	319.71	7.76%
G Transportation Network									
i)	Roads	128.37	9.85%	127.53	9.84%	34.45	1.20%	161.98	3.93%
H Other Features									
i)	Railway Line	4.62	0.35%	4.62	0.36%	2.65	0.09%	7.27	0.18%
Grand Total of Land Uses		1303.85	100%	1295.52	100%	2878.17	100%	4118.52	100%

Note: The boundary of MC Abdul Hakeem, as notified in 2013, has been used for calculations. The total Established Built-up Area (EBA) includes both the EBA within the limits of MC and the EBA extending beyond those limits.

2.2.5 Municipal Committee Jahanian

A. Land Use Classification Map, Municipal Committee Jahanian

Map 6: Land Use Classification Map of Municipal Committee Jahanian



B. Land Use Distribution, Municipal Committee Jahanian

Table 2-5: Municipal Committee Jahanian Land Use Classification

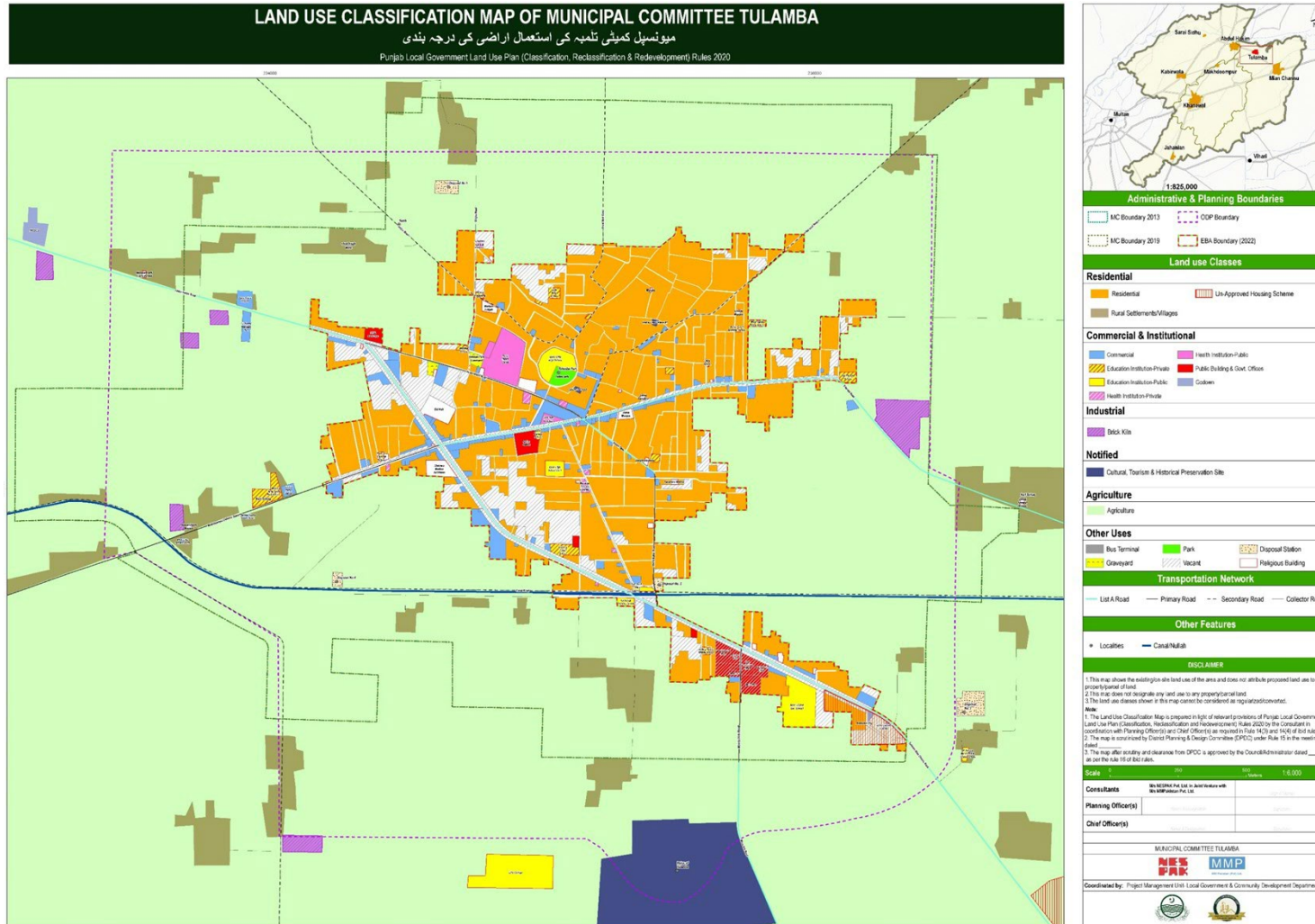
Sr no.	Land Use Categories	EBA		MC (Inside EBA)		MC (Outside EBA)		Total MC	
		Area (Acres)	Percentage (%)	Area (Acres)	Percentage (%)	Area (Acres)	Percentage (%)	Area	Percentage
A Residential									
i)	Residential	427.95	35.31%	176.4	24.83%	-	-	176.38	19.71%
B Commercial & Institutional									
i)	Commercial	96.44	7.96%	72.96	10.27%	-	-	72.96	8.15%
ii)	Institution (Public)	34.09	2.81%	34.09	4.80%	-	-	34.09	3.81%
iii)	Institution (Private)	13.53	1.12%	13.03	1.83%	-	-	13.03	1.46%
iv)	Govt. Offices	26.26	2.17%	26.26	3.70%	-	-	26.26	2.93%
v)	Health (Public)	10.15	0.01%	10.15	0.01%	-	-	10.15	0.01%
vi)	Health (Private)	1.71	0.00%	1.71	0.001%	-	-	1.71	0.00%
vii)	Religious Building	7.91	0.01%	6.52	0.01%	-	-	6.52	0.01%
viii)	Public Building	5.74	0.001%	5.74	0.01%	-	-	5.74	0.01%
ix)	Godown	8.96	0.01%	8.96	0.01%	-	-	8.96	0.01%
	Total	204.78	0.17%	179.41	0.25%	-	-	179.41	0.20%
C Industrial									
i)	Agro-Based Industry	16.69	0.01%	10.86	0.02%	-	-	10.86	0.01%
ii)	Industry	14.25	0.01%	12.53	0.02%	-	-	12.53	0.01%
iii)	Brick Kiln	14.39	0.01%	14.39	0.02%	-	-	14.39	0.01%
	Total	45.33	0.04%	37.78	0.05%	-	-	37.78	0.02%
D Notified Areas									
i)	Military Land/Cantt	2.39	0.001%	2.39	0.001%	-	-	2.39	0.00%
ii)	Govt Land	15.80	0.01%	15.80	0.02%	-	-	15.80	0.02%
iii)	Historical Site	0.09	0.001%	0.09	0.001%	-	-	0.09	0.00%
	Forest Land	-	-	-	-	-	-	-	-
	Total	18.27	0.02%	18.27	0.03%	-	-	18.27	0.02%
E Agriculture									
ii)	Barran	9.76	-	-	-	184.46	1.00	184.46	0.21%
	Total	9.76	-	-	-	184.46	1.00	184.46	0.21%
F Other Uses									
i)	Bus Terminal	4.31	0.001%	4.31	0.01%	-	-	4.31	0.00%
ii)	Graveyard	23.20	0.02%	23.20	0.03%	-	-	23.20	0.03%
iii)	Park	16.49	0.01%	15.11	0.02%	-	-	15.11	0.02%
iv)	Vacant	334.05	0.28%	182.27	0.26%	-	-	182.27	0.20%
v)	Disposal Station	1.84	0.001%	1.84	0.001%	-	-	1.84	0.001%
	Dumping Site	4.39	0.001%	-	-	-	-	-	-
	Total	379.89	0.31%	226.73	0.32%	-	-	226.73	0.25%
G Transportation Network									
i)	Roads	121.67	0.10%	68.36	0.10%	-	-	68.36	0.08%
H Other Features									
i)	Railway Line	4.37	0.36%	3.6	0.50%	-	-	3.57	0.40%
Grand Total of Land Uses		1212	100%	710.5	100%	184.46	100%	894.96	100%

Note: The boundary of MC Jahanian, as notified in 2013, has been used for calculations. The total Established Built-up Area (EBA) includes both the EBA within the limits of MC and the EBA extending beyond those limits

2.2.6 Municipal Committee Tulumba

A. Land Use Classification Map, Municipal Committee Tulumba

Map 7: Land Use Classification Map of Municipal Committee Tulumba



**DISTRICT LAND USE & ZONING PLANS
FOR LOCAL GOVERNMENTS IN PUNJAB**

B. Land Use Distribution, Municipal Committee Tulumba

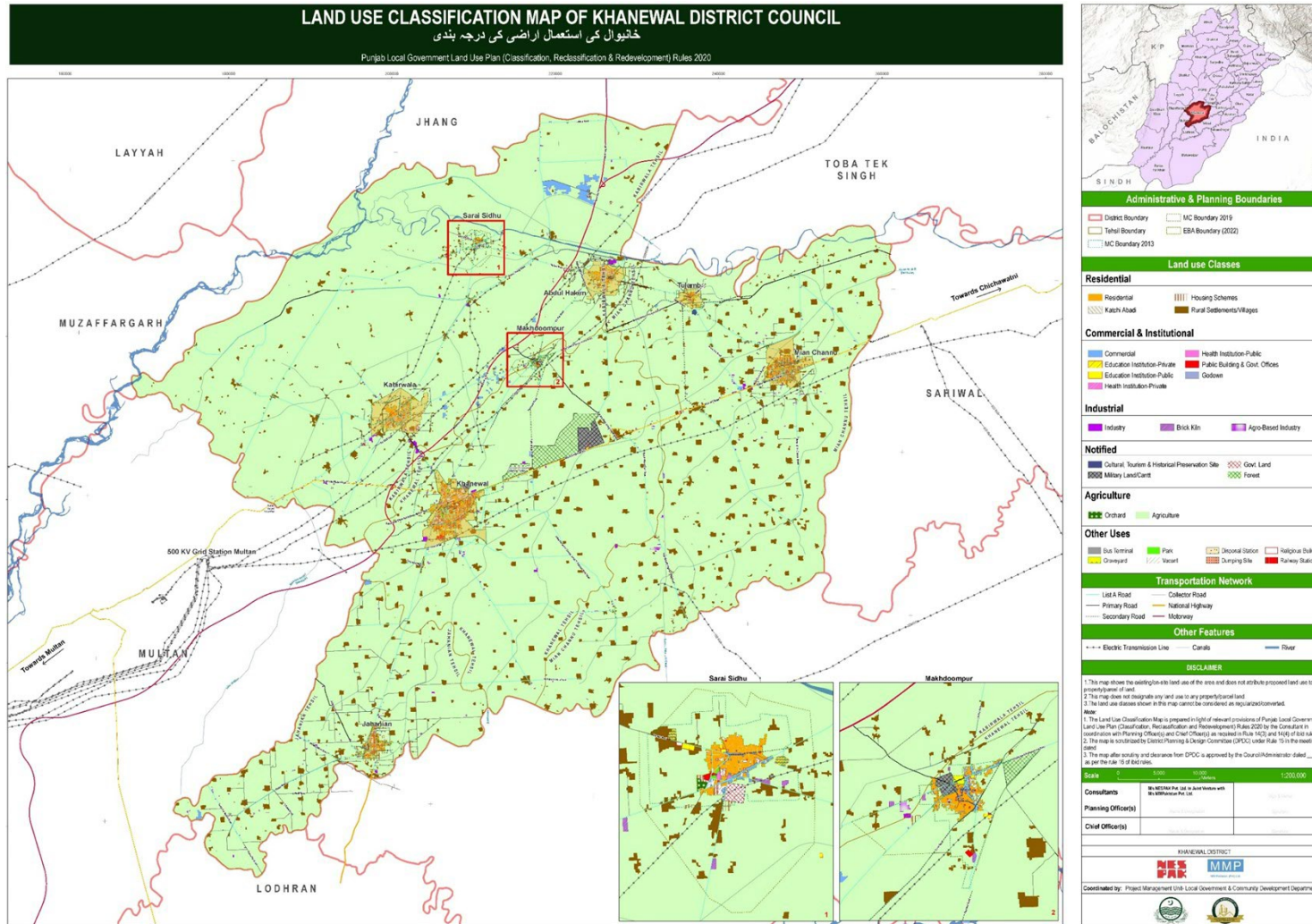
Table 2-6: Municipal Committee Tulumba Land Use Classification

Sr no.	Land Use Categories	Area (Acres)	Percentage (%)	Area (Acres)	Percentage (%)	Area (Acre)	Percentage (%)
		EBA (Inside MC)		Rest of MC		Complete	
A Residential							
i)	Residential	427.9544	35.12%	-	-	427.95	30.50%
B Commercial & Institutional							
i)	Commercial	96.4395	7.91%	-	-	96.43	6.87%
ii)	Institution (Public)	34.0862	2.80%	-	-	34.08	2.43%
iii)	Institution (Private)	13.53	1.11%	-	-	13.53	0.96%
iv)	Govt. Offices	26.264	2.16%	-	-	26.26	1.87%
v)	Health (Public)	10.1481	0.83%	-	-	10.14	0.72%
vi)	Health (Private)	1.7064	0.14%	-	-	1.70	0.12%
vii)	Religious Building	7.9061	0.65%	-	-	7.90	0.56%
viii)	Public Building	5.7444	0.47%	-	-	5.74	0.41%
ix)	Godown	8.9589	0.74%	-	-	8.95	0.64%
	Total	204.7836	16.81%	-	-	204.78	14.60%
C Industrial							
i)	Agro-Based Industry	16.6857	1.37%	-	-	16.68	1.19%
ii)	Industry	14.2524	1.17%	-	-	14.25	1.02%
iii)	Brick Kiln	14.3947	1.18%	-	-	14.39	1.03%
	Total	45.3328	3.72%	-	-	45.33	3.23%
D Notified Areas							
i)	Military Land/Cantt	2.3856	0.20%	-	-	2.38	0.17%
ii)	Govt. Land	15.7965	1.30%	-	-	15.79	1.13%
iii)	Historical Site	0.0882	0.01%	-	-	0.0882	0.01%
	Total	18.2703	1.50%	-	-	18.27	1.30%
E Agriculture							
ii)	Barren	9.7579	0.80%	184.46	100.00%	194.21	13.84%
F Other Uses							
i)	Bus Terminal	4.3083	0.35%	-	-	4.3083	0.31%
ii)	Graveyard	23.1992	1.90%	-	-	23.19	1.65%
iii)	Park	16.4874	1.35%	-	-	16.48	1.18%
iv)	Vacant	334.0537	27.42%	-	-	334.05	23.81%
v)	Disposal Station	1.8377	0.15%	-	-	1.8377	0.13%
vi)	Dumping Site	4.3914	0.36%	-	-	4.3914	0.31%
	Total	384.2777	31.54%	-	-	384.27	27.39%
G Transportation Network							
i)	Road	121.665	9.99%	-	-	121.665	8.67%
ii)	Railway Line	4.3684	0.36%	-	-	4.3684	0.31%
	Total	126.0334	10.34%	-	-	126.0334	8.98%
O Other Features							
i)	Canal/Nullah	2.0325	0.17%	-	-	2.0325	0.14%
Grand Total of Land Uses		1218.44	100%	184.46	100%	1402.9	100%

2.2.7 District Council Khanewal

A. Land Use Classification Map, District Council Khanewal

Map 8: Land Use Classification Map of District Council Khanewal



**DISTRICT LAND USE & ZONING PLANS
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Land Use Distribution, District Council Khanewal

Table 2-7: District Council Khanewal Land Use Classification

Sr no.	Land Use Categories	EBA Khanewal in District Council		EBA Mian Channu in District Council		EBA Abdul Hakim in District Council		EBA Jahanian in District Council		District Council Area Outside EBA	
		Area (Acres)	Percentage	Area (Acres)	Percentage	Area (Acres)	Percentage	Area (Acres)	Percentage	Area (Acres)	Percentage
A	Residential										
i)	Residential	38.73	45.38%	28.16	34.53%	3.59	71.41%	251.57	50.03%	10	0.0009%
ii)	Rural Settlement	-	-	-	-	-	-	-	-	33,963	3.24%
	Total	38.73	45.38%	28.16	34.53%			251.57	50.03%	33,973	3.24%
B	Commercial & Institutional										
i)	Commercial	0.75	0.88%	0.40	0.49%	-	-	23.48	4.67%	788	0.075%
ii)	Institution (Public)	1.86	2.19%	-	-	-	-	-	-	143	0.013%
iii)	Institution (Private)	-	-	-	-	-	-	0.50	0.10%	45	0.004%
iv)	Govt. Offices	-	-	-	-	-	-	-	-	18	0.001%
v)	Health (Public)	-	-	-	-	-	-	-	-	10	0.001%
vi)	Health (Private)	-	-	-	-	-	-	-	-	7	0.0007%
vii)	Religious Building	-	-	-	-	-	-	1.39	0.28%	44	0.004%
viii)	Public Building	-	-	1.48	1.81%	-	-	-	-	45	0.004%
ix)	Godown	-	-	-	-	-	-	-	-	41	0.003%
	Total	2.62	3.04%	1.88	2.31%	-	-	25.67	5.10%	1141	0.11%
C	Industrial										
i)	Agro-Based Industry	-	-	8.43	10.33%	-	-	5.83	1.16%	223	0.0212%
ii)	Industry	-	-	8.35	10.25%	-	-	1.72	0.34%	1,318	0.1256%
iii)	Brick Kiln	-	-	-	-	-	-	-	-	926	0.0882%
	Total	-	-	16.78	18.65%	-	-	7.65	1.50%	2467	0.24%
D	Notified Areas										
i)	Military Land/Cantt	2.10	2.47%	-	-	-	-	-	-	1884	0.1795%
ii)	Govt. Land	-	-	-	-	-	-	-	-	230	0.0219%

**DISTRICT LAND USE & ZONING PLANS
FOR LOCAL GOVERNMENTS IN PUNJAB**

Sr no.	Land Use Categories	EBA Khanewal in District Council		EBA Mian Channu in District Council		EBA Abdul Hakim in District Council		EBA Jahanian in District Council		District Council Area Outside EBA	
		Area (Acres)	Percentage	Area (Acres)	Percentage	Area (Acres)	Percentage	Area (Acres)	Percentage	Area (Acres)	Percentage
iii)	Historical Site	-	-	-	-	-	-	1.09	0.22%	81	0.0077%
	Total	2.10	2.47%	-	-	-	-	1.09	0.22%	2195	0.21%
E	Agriculture										
i)	Agriculture	-	-	-	-	-	-	-	-	978,374	93.20%
ii)	Orchard	-	-	-	-	-	-	-	-	3,393	0.32%
iii)	Forest	-	-	-	-	-	-	-	-	6117	0.5827%
	Total	-	-	-	-	-	-	-	-	987,884	94.11
F	Other Uses										
i)	Bus Terminal	-	-	-	-	-	-	-	-	1	0.0001%
ii)	Graveyard	-	-	-	-	-	-	10	1.99%	519	0.0495%
iii)	Park	-	-	2.70	3.32%	-	-	1.38	0.27%	27	0.0026%
iv)	Vacant	18.52	21.71%	26.19	32.12%	0.59	11.79%	151.78	30.18%	40	0.0038%
v)	Disposal Station	-	-	-	-	-	-	-	-	130	0.0124%
vi)	Dumping Site	-	-	-	-	-	-	-	-	36	0.0035%
	Total	18.52	21.71%	2.70	3.32%	0.59	11.79%	11.38	2.26%	753	0.07%
G	Transportation Network										
i)	Road	20.13	23.60%	5.83	7.15%	0.84	16.80%	53.31	10.53%	5,350	0.51%
	Total	20.13	23.60%	5.83	7.15%	0.84	16.80%	53.31	10.53%	5,350	0.51%
H	Other Features										
i)	Canal/Nullah/Water Bodies (Outside MC)	3.22	3.78%	-	-	-	-	0.80	0.16%	12,339	1.18%
	Grand Total of Land Uses	85.34	100.00%	81.55	100.00%	5.023	100.00%	502.86	100.00%	1,049,767	100.00%

Note: The boundaries of Municipal Committees, as notified in 2013, have been used for calculations. The Established Built-up Areas (EBAs) extending beyond the MC boundaries includes areas that fall under the jurisdiction of the District Council (DC).

2.3 Urban Blocks of District Khanewal

The Established Built-up Area (EBA) of each Local Government has been divided into urban blocks, with each block classified as residential, commercial, industrial, and notified based on the predominant land use in accordance with the Punjab Local Governments Land Use Plan (Classification, Reclassification, and Redevelopment) Rules 2020. A summary of urban blocks in District Khanewal is provided below. For detailed information on each urban block, please refer to the notified plan:

Table 2-8: Urban Blocks in District Khanewal

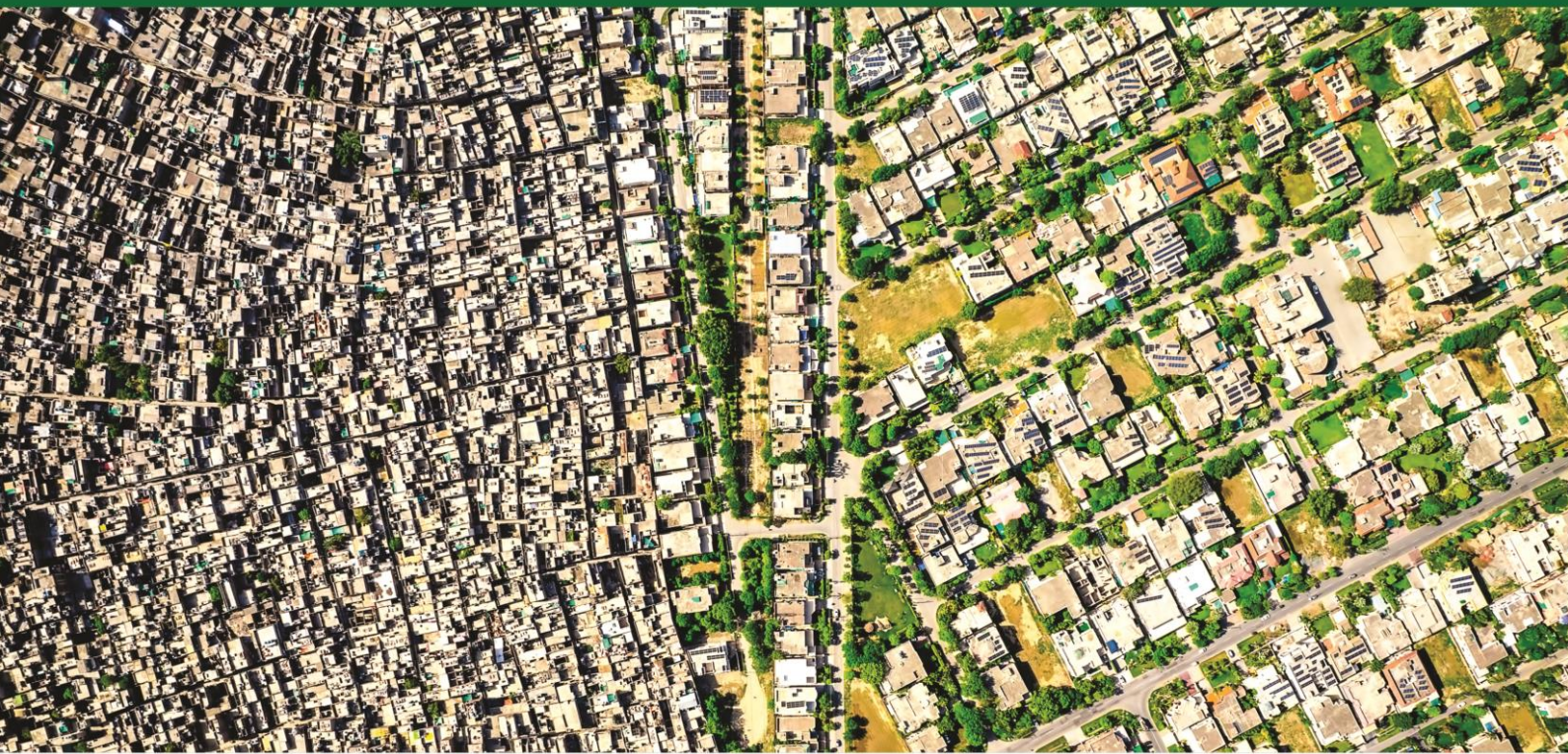
Sr. No.	Local Government	Residential	Commercial	Industry	Notified
Municipal Committees	Khanewal	241	249	6	1
	Kabirwala	111	157	3	4
	Jahanian	74	117	2	6
	Mian Channu	125	139	1	4
	Abdul Hakeem	76	74	2	2
	Tulamba	58	41	-	-
District Council	Sarai Sidhu	52	40	1	-
	Makhdoom Pura Pahoran	58	64	-	-

Note: If a land use is marked as non-conforming in urban block maps based on the predominant land use, it may be treated as per its designated use in the previously notified Outline Development Plan (ODP).

CHAPTER

3

SITE DEVELOPMENT ZONE STRUCTURE PLAN (2023-2043)



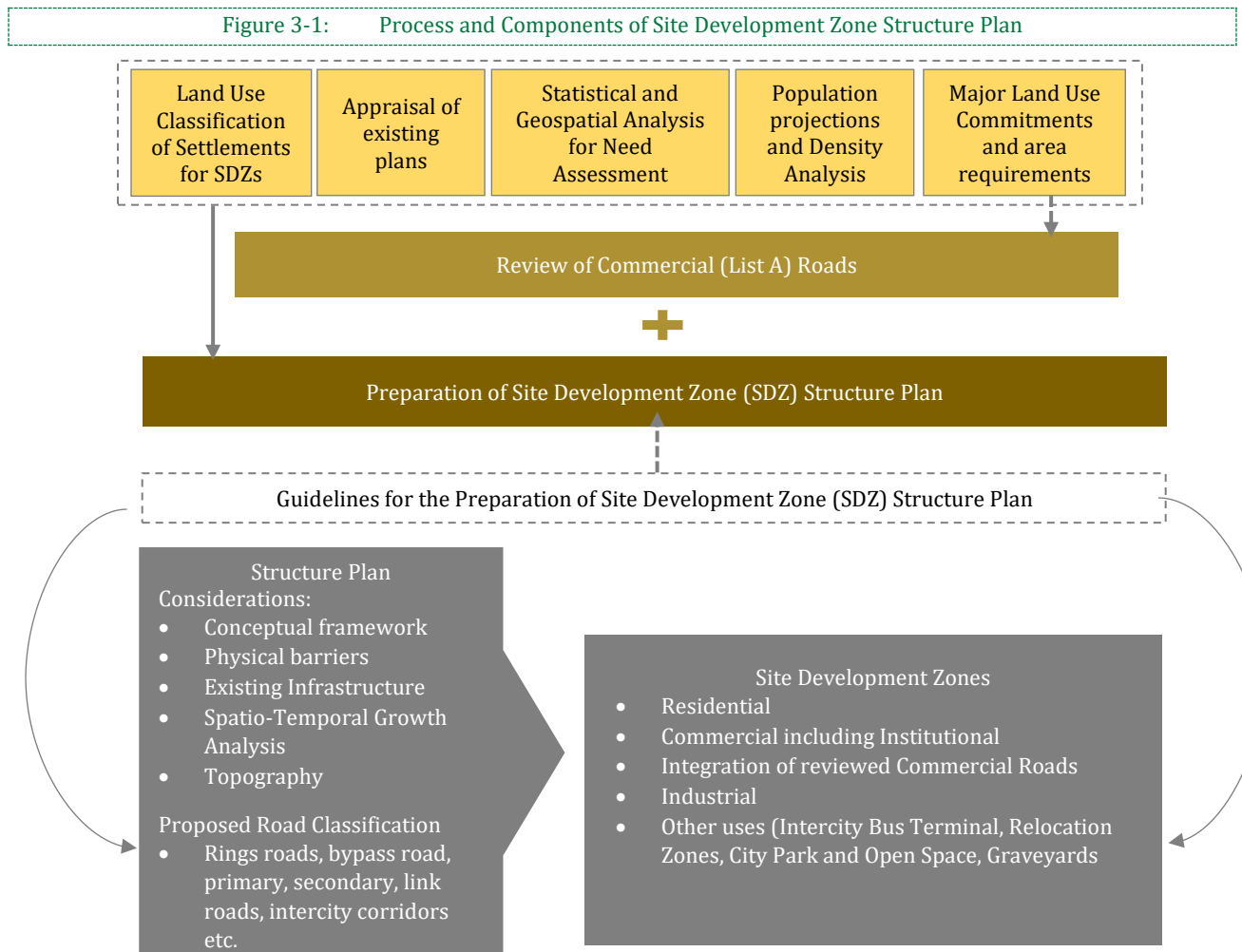
CHAPTER 3

SITE DEVELOPMENT ZONE (SDZ) STRUCTURE PLAN (2023-2043)

3.1 Process

The process will examine the Existing Built-up Areas (EBAs) within the district for which the Site Development Zone (SDZ) Structure Plan will be prepared. A density analysis of the EBA will be conducted to determine the current density. Keeping in view the density trends and population growth rate, the future density will be planned for a period of 2023-2043. The planned density will determine the total city area needed by 2043, which will be allocated across various zones based on the land use analysis in EBAs while fulfilling the current gaps where necessary. The proposed land use zones will be provided with the spatial understanding of the location of the existing road network, compatibility between the land uses and planning principles. A road network will be proposed to form the city structure and guide the future development prior to demarcation of zones.

The following interdependent activities will make the process interactive in order to achieve the set goals through data driven plans followed by inputs from concerned Local Governments and stakeholders eventually leading to an inclusive plan:



3.2 Site Development Zone Structure Plan

District Khanewal is divided into 4 tehsils i.e. Khanewal, Mian Channu, Jahanian and Kabirwala and 168 union councils including 114 rural and 54 urban whose elected representatives formulate Zilla and Tehsil councils. The consultants have demarcated the EBA boundaries undertaking the prescribed guidelines from the LG & CD Department. The table below illustrates the list of all Local Governments (LGs) / Urban Settlements.

Table 3-1: List of Local Governments/Urban Settlements

Name	Administrative Status	District	Population Census 1972-09-16	Population Census 1981-03-01	Population Census 1998-03-01	Population Census 2017-03-15	Population Census 2023-03-01
Abdul Hakīm	Town Committee	Khanewal	12,143	21,686	38,090	56,996	67,501
Jahānian	Municipal Committee	Khanewal	12,421	15,930	24,871	43,646	50,318
Kabīrwāla	Municipal Committee	Khanewal	12,287	22,141	47,455	74,904	91,932
Khānewāl	Municipal Committee	Khanewal	67,746	89,090	133,986	249,916	281,890
Makhdoompur Pahuran	Town Committee	Khanewal	...	12,610	17,613	21,181	29,065
Miān Channū	Municipal Committee	Khanewal	31,935	40,609	64,859	90,157	140,112
Sarāi Sidhu	Town Committee	Khanewal	...	10,365	13,267	17,694	20,899
Tulamba	Town Committee	Khanewal	15,894	17,497	24,120	31,938	35,069

As per the Land Use Plan Rules 2020, the SDZs have been aligned with the followings:

- Population Density
- Temporal analysis of land cover
- Densification
- Boundary has been drawn keeping in view the physical barriers
- The limits of the Site Development Zones (SDZs) do not extend into the restricted areas
- The location of the SDZ can be outside established built up area and close to its boundary to ensure a compact and contiguous form
- Connectivity to existing infrastructure and accessibility

Note: All on-ground developments with no legal/approval status are marked as “Area Under Development (AUD)” and their fate may be decided by the DPDC/LG&CDD.

3.2.1 Analyses and Projections

The geo-spatial and statistical analysis will include a land-use cover analysis, providing insights into land use patterns and trends over the past 30-40 years. Accessibility analysis will assess connectivity and access to other facilities. Additionally, this section will discuss social infrastructure, including health, education, and recreational facilities, in terms of both quantity and quality.

3.3 Tehsil Khanewal

3.3.1 Exploring Past Trends of Land Use Transformation in Tehsil Khanewal

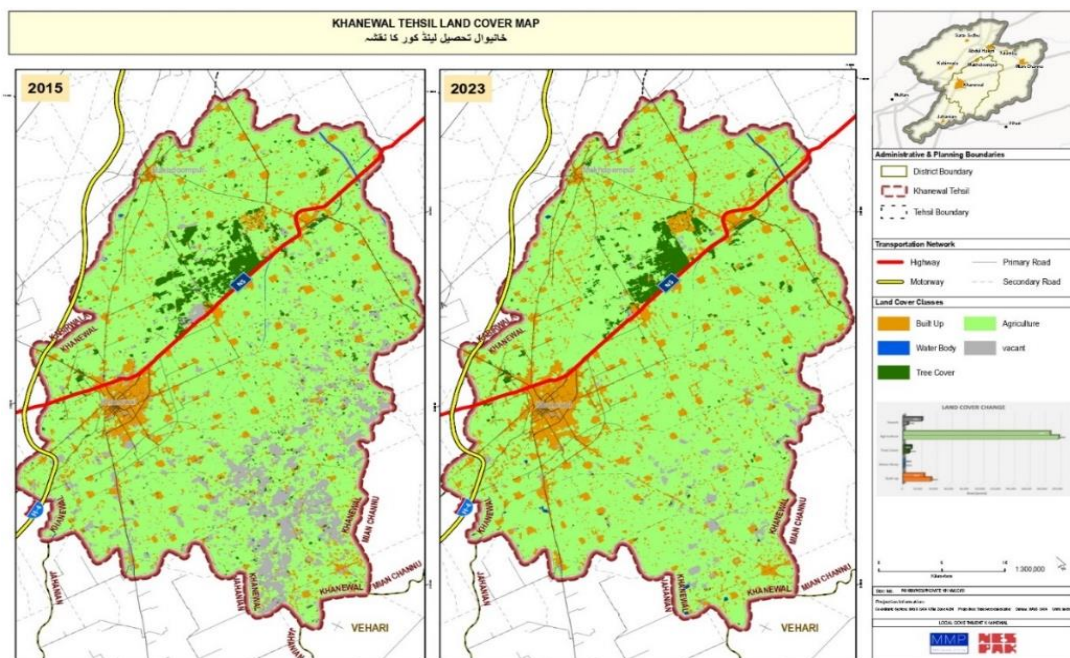
The changes in the land use/land cover patterns due to the project activity involving changes in land terrain like cutting of high grounds and hillocks, filling of low-lying areas, and reclamation affecting drainage patterns need to be brought out. If land acquisition from either public or private sources is involved, justification for the extent of the area proposed is to be necessarily given. Availability of land for earmarking for the project activity without causing any hardship to local community and their sociocultural and economic aspects is very important. Many a time, acquisitions of large stretches of land and areas being used by the local habitat may be necessitated requiring rehabilitation and resettlement (R & R) measures. It may also become necessary, in some cases, that some of the existing communities and villages may require to be shifted to other areas to earmark the required area for development. Landcover analysis of Khanewal District has been done in the following manner:

The built-up area of the tehsil has increased from 26,248 acres in 2015 to 35,357.70 acres in 2023. Total 9,110.00 acres have been added to the Built-Up area. This extension of EBA is in South-East Direction. Tree cover has decreased from 9,680.70 acres to 6,850.30 acres. The city has lost 2830.40 acres tree cover. The agricultural land has been increased from 188,781.10 acres to 200,664.30 acres. Vacant land has been reduced from 23,489.40 to 5,306.00 acres. Total 18,183.40 acres of vacant land has been diminished. The percent increase in Built-up is 35%. In case of Water Body, there is 4% increase. However, the tree cover has been decreased 29% over the past 18 yrs. 77% of the vacant land in Boundary has now been consumed. It shows that the population densification and developmental activities are enhancing in Khanewal. The area needs efficient and sustainable policy for the protection of green areas and roadside plantation for better environmental and urban aesthetics. Negative sign shows that the area has been decreased.

Table 3-2: Land Cover Analysis of Tehsil Khanewal

Year	2015 (Acres)	2023 (Acres)	Increase/Decrease in Area (Acres)	Percentage
Built up	26248	35357.7	9109.7	35%
Water Body	577.1	597.4	20.3	4%
Tree Cover	9680.7	6850.3	-2830.4	-29%
Agriculture	188781.1	200664.3	11883.2	6%
Vacant	23489.4	5306	-18183.4	-77%

Figure 3-2: Land Cover Map of Tehsil Khanewal



3.3.2 Spatial Growth Analysis

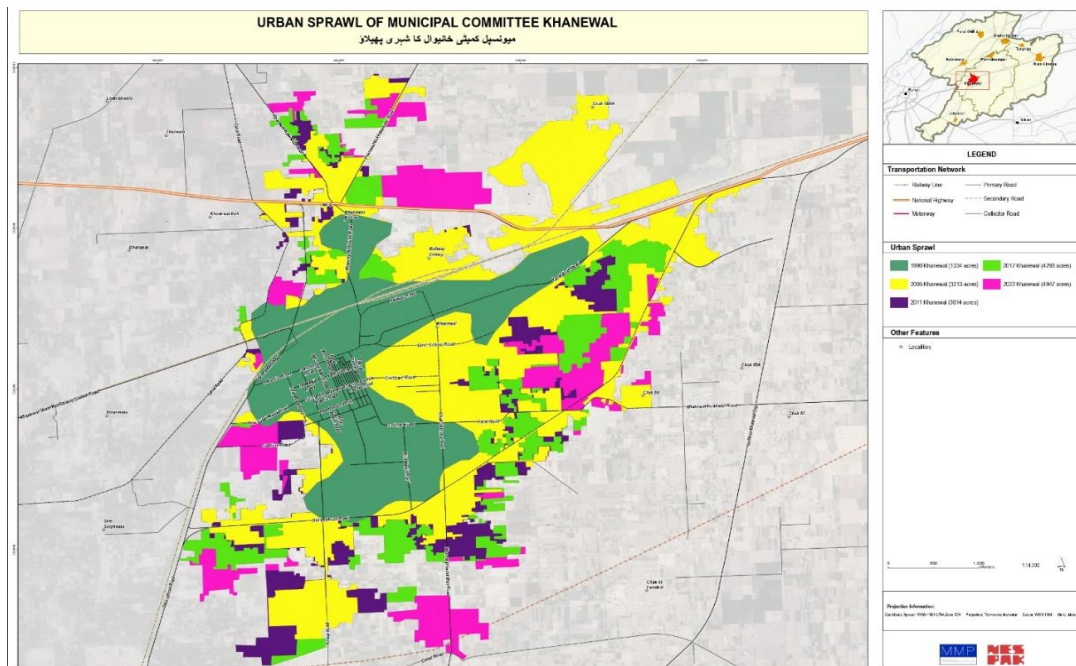
Khanewal has the biggest percentage of urban residents in the district, yet it has grown irregularly and unplanned along roadways. Due to the presence of natural obstacles in the shape of the main Railway line ML-1 and National Highway N-5 (Lahore-Multan route), development had first focused mostly on the southern side the city began to expand along roads, mostly in the vicinity of Abu-Bakar Road, Girls College Road, Farooq-e-Azam Road, and Chak Shahana Road towards the south. The major growth can now be seen moving in three directions: south, south-east, and west.

In 2005, MC Khanewal’s urban area was 3213 acres which increased to 4293 in 2017. While in 2011, the extent of growth was decreased and some land patches in the south were developed outside the MC boundary. In 2022, major urban patches were developed in North-East region along Old Lodhran Road and some in the South along Khanewal Garha Mor Road. In North, the growth is because of housing schemes and in East, Near Chak 88, due to the presence of some small industries such as brick kilns.

Table 3-3: Spatial Growth Analysis of Municipal Committee Khanewal

Year	Area (Acres)	Increase/Decrease in Area (Acres)	% Increase/Decrease in Area
2005	3213	-	-
2011	3614	401	12%
2017	4293	679	19%
2022	4947	654	15%

Figure 3-3: Spatial Growth Analysis of Municipal Committee Khanewal



3.3.3 Accessibility Analysis

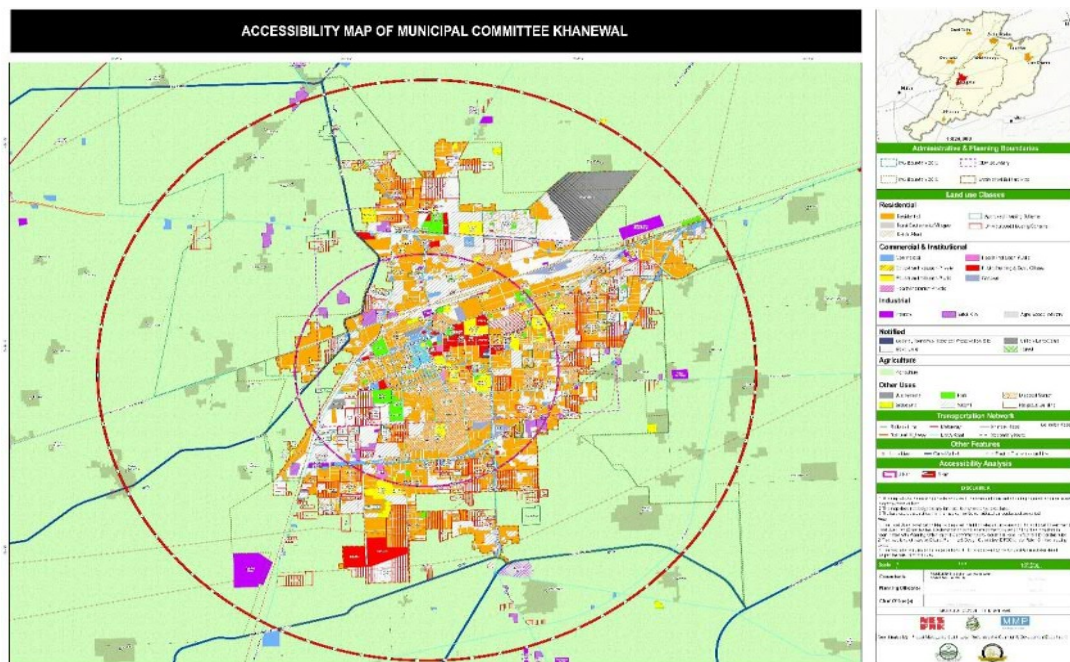
3.3.3.1 Municipal Committee Khanewal

The accessibility analysis of Municipal Committee (MC) Khanewal reveals a concentrated distribution of essential services and facilities within a 2-kilometer radius, ensuring convenient access for the majority of the population. This area hosts 65 public buildings, 130 educational institutions, 719 commercial establishments, 53 health facilities, 129 religious centers, 11 graveyards, 4 disposal points, and 39 parks. Beyond this range, accessibility significantly decreases. Between 2 to 5 kilometers, the number of facilities sharply drops, with only 4 public buildings, 13 educational institutions, 92 commercial establishments, 2 health facilities, 10 religious centers, 2 graveyards, 1 disposal point, and 13 parks. Notably, no facilities exist in the 5 to 10-kilometer range, highlighting a critical gap in spatial equity and service distribution. This uneven accessibility underscores the need for strategic urban planning interventions to expand infrastructure and services to peripheral areas, ensuring equitable access for all residents of MC Khanewal.

Table 3-4: Accessibility Analysis of Municipal Committee Khanewal

Range (Distance)	Public Building	Education	Com	Health	Religious	Graveyard	Disposal	Park
2 KM	65	130	719	53	129	11	4	39
2 KM – 5 KM	4	13	92	2	10	2	1	13
5 KM – 10 KM	0	0	0	0	0	0	0	0

Figure 3-4: Accessibility Mapping of Municipal Committee Khanewal



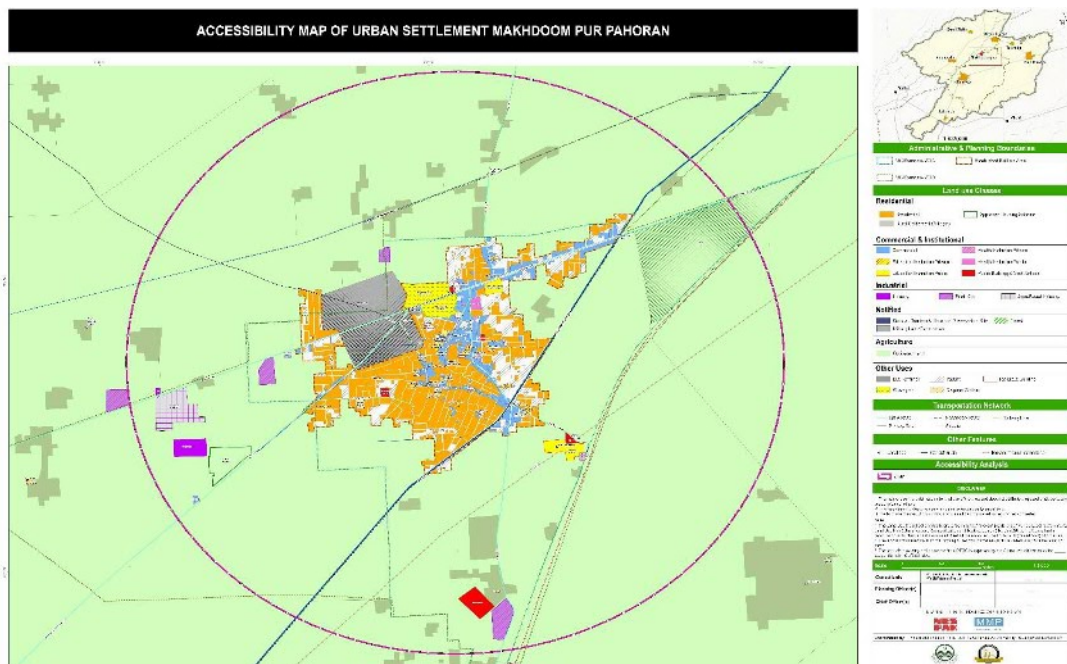
3.3.3.2 Makhdompur

The accessibility analysis of Makhdompur highlights a centralized distribution of services within a 2-kilometer radius, serving as the primary hub for essential facilities. This area includes 5 public buildings, 14 educational institutions, 207 commercial establishments, 7 health facilities, 15 religious centers, 2 graveyards, 1 disposal point, and 1 park. However, beyond this central zone, there are no facilities available in the 2 to 5-kilometer or 5 to 10-kilometer ranges, leaving the peripheral areas entirely underserved. This stark centralization underscores the need for strategic urban planning to extend infrastructure and services to the outer regions of Makhdompur, ensuring equitable access and fostering balanced development across the area.

Table 3-5: Accessibility Analysis of Makhdompur

Range (Distance)	Public Building	Education	Com	Health	Religious	Graveyard	Disposal	Park
2 KM	5	14	207	7	15	2	1	1
2 KM – 5 KM	0	0	0	0	0	0	0	0
5 KM – 10 KM	0	0	0	0	0	0	0	0

Figure 3-5: Accessibility Mapping of Makhdompur



3.3.4 Population Projections & Growth Trends (2023-2043)

Population projections for the 2023-2043 planning horizon are based on the 2017 Census data. These projections are used to determine the area requirements for the SDZ Structure Plans and are calculated using the geometric formula.

$$P_n = P_o[1 + (r/100)]^n$$

Where,

P_o: last known population,

P_n: Projected population after 'n' number of years,

n: number of years between P_o and P_n and,

r: growth rate

3.3.4.1 Population Projection at Municipal Committee Level

In MC Khanewal, 2017 census population is 251,700. Area of MC Boundary 2013 is 12,874 acres. Hence, the population density of MC Khanewal is 20 PPA in 2017. Moreover, considering the AAGR of 3.33, the projected population of MC Khanewal till the project year i.e. 2022, is 296,494. For the plan period 2022-2043, the projected population of MC Khanewal is 589,889.

Table 3-6: Population Projection for Khanewal (At Municipal Committee Level)

Population Projection for Khanewal (At Municipal Committee Level)	
MC Population 2017	251,700
MC Area (Acres) 2013	12,874
MC Population Density (PPA) 2017	20
Growth Rate (AAGR) 2017-2043	3.33
Current MC Population 2022	296,494
Projected MC Population 2043	589,889

3.3.4.2 Population Projection and Density Analysis at Established Built-up Area Level

The current EBA area of MC Khanewal is 6019 acres. 2017 EBA population is calculated through 2017 census blocks and remaining blocks, outside MC Boundary 2013, were added into it to get the accurate values. Hence, 2017 EBA population is 240,411. Current EBA Population i.e., of the project year 2022 is 283,196. The population is projected till 2022 with Average Annual Growth Rate 2017-2043 i.e., 3.33.

The projected EBA population of Khanewal for 2043 is 563,432. Total addition in population from 2022 to 2043 is 280,236. The current gross density of EBA is 47 persons per acre and net density is 93. Desired density beyond EBA is calculated through 20% increase in the net density. As per the desired density for future i.e., planning horizon 2022-2043 i.e., 56, the future population of the EBA would be 339,835. Additional population beyond EBA is 223,597.

Table 3-7: Population Projection for Khanewal (At Established Built-up Area Level)

Population Projection for Khanewal (At EBA Level)	
Current EBA Area (Acres)	6019
EBA Population 2017	240,411
Annual Average Growth Rate (AAGR) 2017-2043	3.33
Current EBA Population 2022	283,196
Projected EBA Population 2043	563,432
Addition in Population (2022-2043)	280,236
EBA Current Gross Density (PPA)	47
Current Net Density (PPA)	93
Desired Population Density (PPA) in Existing EBA	56
Future Population of EBA as per Revised Density	339,835
Additional Population Beyond EBA (2043)	223,597

3.3.4.3 Future Area Site Development Zone Area Requirement in Tehsil Khanewal

In MC Khanewal, future population as per revised density i.e., 20% increase in gross density is 339,835. Additional population beyond EBA is 223,597. Area requirement for SDZ beyond EBA up to 2043 is 9,979 acres. Current EBA area is 6019 acres. Physical expansion per year in MC Khanewal is 102 acres. Area requirement for Site Development Zone is calculated through subtracting the current EBA area from the area requirement beyond EBA. Actual area requirement for SDZ in MC Khanewal is 3,960 acres.

Table 3-8: FACT Sheet for Proposed Site Development Zone Municipal Committee Khanewal for Plan Period (2023-2043)

Description	Khanewal	Makhdoompur
MC Area 2013 (Acres)	12,874	1,150
Area of EBA (2022) Acres	6019	331
Growth Rate	3.33%	0.97%
Projected EBA Population 2022	283,196	20,261
Projected Population of EBA (2043)	563,432	24,814
Projected Population of MC (2043)	589,889	27,234
EBA population is being used for future area calculation		
Population density of EBA 2022, PPA	47	61
Proposed Increase in Overall Density (2043)	20%	10%
Desired Density 2043, PPA	56	66
Additional Area required for future city population 2043 (Acres)	3,960	58
Area required for higher order infrastructure for rural population/Growth of Rural Areas	593	97
Total area required for the city 2043 (Acres)	4553	155
Area available for Infill development (Acres)	1716.46	19.78

3.3.5 Site Development Zone (SDZ) Structure Plan of Municipal Committee Khanewal

The SDZ Structure Plan of Khanewal is prepared with transportation (circulation) as a priority to control the overall shape. Several zones are then proposed keeping in view the planning principles and factors outlined in the previous chapter. The distribution of various zones proposed in SDZ Structure Plan are shown in the table below.

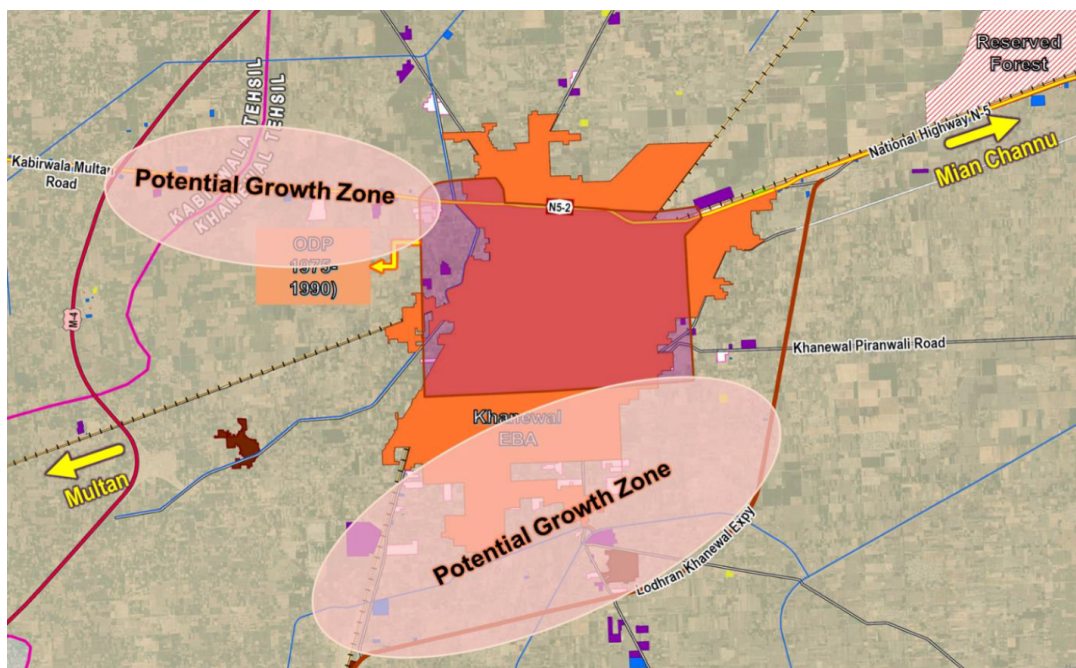
Table 3-9: Proposed Site Development Zones for Plan Period 2023- 2043

Proposed Site Development Zone	Area (Acres)	Land Use Percentage
Residential Proposed Uses	3,575	88.62%
Commercial Proposed Uses	200	4.95%
Industrial Proposed Uses	68	1.68%
Other Land Uses	191	4.73%
Total of all zones	4,034	100.00%

3.3.5.1 Potential Growth Zones in Municipal Committee Khanewal

Potential growth zones have been marked on the basis of urban and spatial growth trend of MC Khanewal. In accordance with these directions, the site development zone proposals have been made to ensure maximum contiguity to the existing and future development. Future growth of Khanewal is along Kabirwala –Multan Road and towards Lodhran Khanewal expressway. This analysis is done by observing the past trends and existing situation of the city.

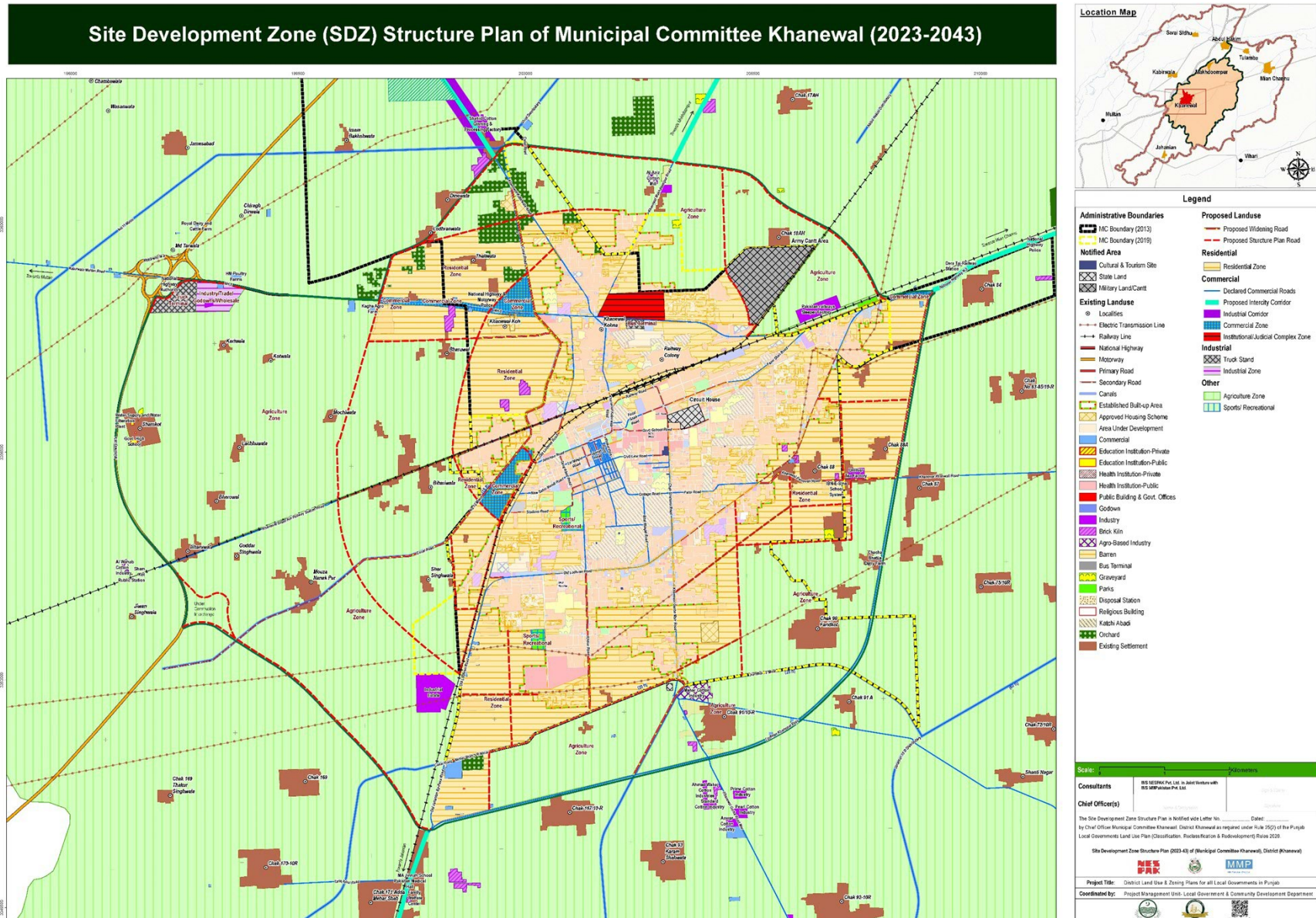
Figure 3-6: Potential Growth Zones in Municipal Committee Khanewal



3.3.5.2 Site Development Zone Proposals in Municipal Committee Khanewal

In MC Khanewal, total area requirement for Site Development Zone proposals beyond EBA boundary is 3,960 acres. As per the future requirements, major zones have been proposed outside EBA to accommodate and address the needs of future population. These zones are named as Residential zone, Agriculture Zone, Sports/Recreational Zone, CBD, Bus Terminal, Industrial Zone (Trade/Godowns/Wholesale), Public Building/Govt. Offices, and Infill Residential. For connectivity, structure plan roads have been proposed and widening of existing roads has been suggested to address the future traffic load on major and arterial roads of the city. Description of these Site Development Zones in MC Khanewal is the following:


Map 9: Site Development Zone (SDZ) Structure Plan of Municipal Committee Khanewal



A. Residential Zone

Beyond EBA Boundary, the proposed ring road encloses the upper expanding portion of the city. By considering the past residential Growth trends and future proposed connectivity, the area inside ring road and proposed road between Canal Road and Proposed Road Upside Jameel Garden is the proposed Residential Zone. While in the south of EBA Boundary, the portion enclosed between Jiamthai 2 Minor, Lodhran Khanewal Expressway and Railway Line is also the Proposed Residential Zone.

Table 3-10: Proposed Residential Zones in Khanewal

Land Uses	Area (Acres)	Percentage of the Total Proposed Area	Symbology
Residential Zones	3,575	88.62%	


B. Agriculture Zone

In the East of EBA Boundary, the portion enclosed between the proposed residential zones, within the planning boundary is the proposed Agriculture Zone. Similarly, in the West of EBA Boundary, the remaining portion inside Planning Boundary (Excluding the area of industrial zone and Bus terminal) is the future agriculture zone.

C. Sports/Recreational Zone

A Sports/Recreational Zone has been proposed along Canal Road. It connects with National Highway in the North. Due to the presence of Educational and Healthcare Facilities along with residential use, this area is feasible for sports and recreational activities. Moreover, this zone is proposed on both sides of existing Canal which can provide opportunities for recreation as part of daily life allowing stress relief and enjoyment.

Table 3-11: Proposed Sports/Recreational Zones in Khanewal

Land Uses	Area (Acres)	Percentage of the Total Proposed Area	Symbology
Sports/Recreational Zones	31	0.76%	

D. Central Business District and Commercial Zones

The Central Business District Zone has been proposed between Canal Road and Old Lodhran Road, outside EBA Boundary. In its contiguity, there are many housing schemes that have been established or either in the stage of development. Also 5 different commercial zones are proposed on N-5, Old Lodhran road and canal road. These locations are of prime importance keeping in view the strategic locations as well as demand of the area.

Table 3-12: Proposed Commercial Zones in Khanewal

Land Uses	Area (Acres)	Symbology
Proposed commercial Zones	200	

E. Bus Terminal

Bus terminal has been proposed in the North West of Planning Boundary which is basically a junction of Motorway M4 and National Highway N-5.

F. Industrial Zone

The industrial zone has been proposed along the existing small scale industrial estate along Railway Line. There are already some brick kilns operating in this area.

G. Public Buildings/Government Offices Zone

This Zone is proposed inside EBA along National Highway. This area is basically the existing Government Land in which some institutes like Vocational Training Institute, Khanewal Public School and Officers Club has been developed but the rest of the land was vacant.

Table 3-13: Proposed Public Buildings Zone in Khanewal

Land Uses	Area (Acres)	Symbology
Proposed Public Buildings/Govt. Offices Zones	93	

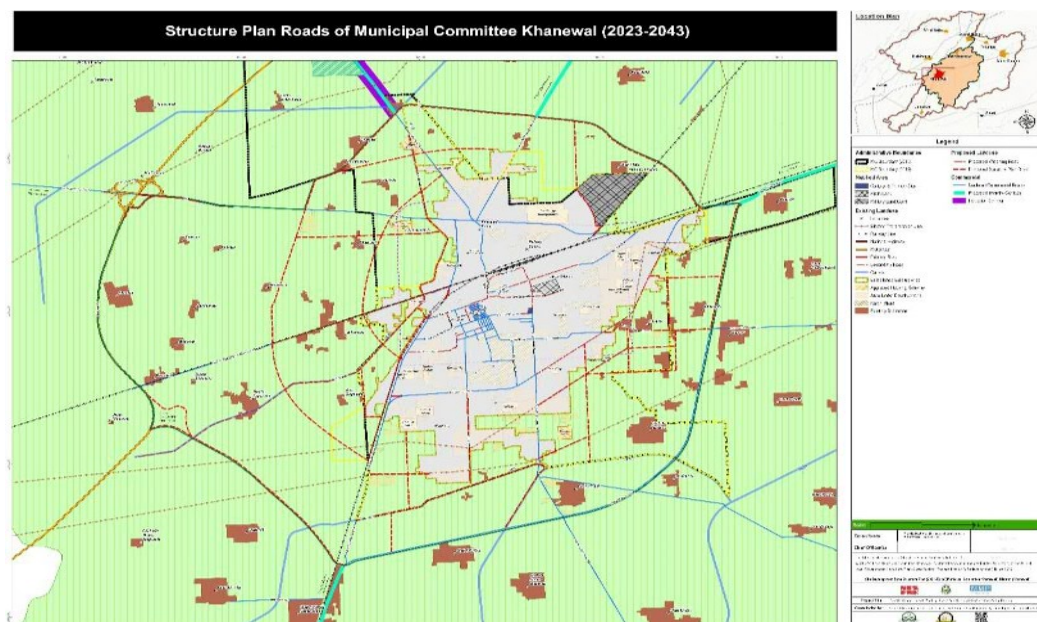
H. Infill Residential

Inside EBA, the major portions of vacant chunks that are either on ground housing schemes or areas along existing built-up areas are the proposed infill residential zones in which the future population would accommodate prior to the development in Site Development Zones.

3.3.5.3 Proposed Structure Plan Roads

From Old Jahanian By-pass Road, along the planning boundary, a road has been proposed which connects Jahanian By-Pass Road with Motorway-M4 and Khanewal Sham Kot Railway Station Road. This proposed road is further connected to another proposed road which originates from Jiamthai 2 Minor. In the south west of EBA, along railway station, the proposed structure plan road starts from Canal Road near Umar Garden and passes along the left side of railway station. The purpose of this road is to provide connectivity with the proposed ring road which encloses the city in a proper shape, due to its contiguity with planning boundary as well. This proposed ring road ends at National Highway-N5. At a distance of approximately one kilometre from this proposed ring road, another road is proposed till Khanewal-Kabirwala Road. In the north of EBA, the proposed road connects National Highway N-5 with the proposed ring road by passing through Army Cantt Area. Upside Jameel Garden, a straight connectivity has been ensured through the proposed road between Old Jahanian Bypass Road and Lodhran Khanewal Expressway.

Figure 3-7: Proposed Structure Roads of Municipal Committee Khanewal



Note: The comprehensive list of Proposed Structure Plan Roads has been provided under section 5.2. of Proposed Roads.

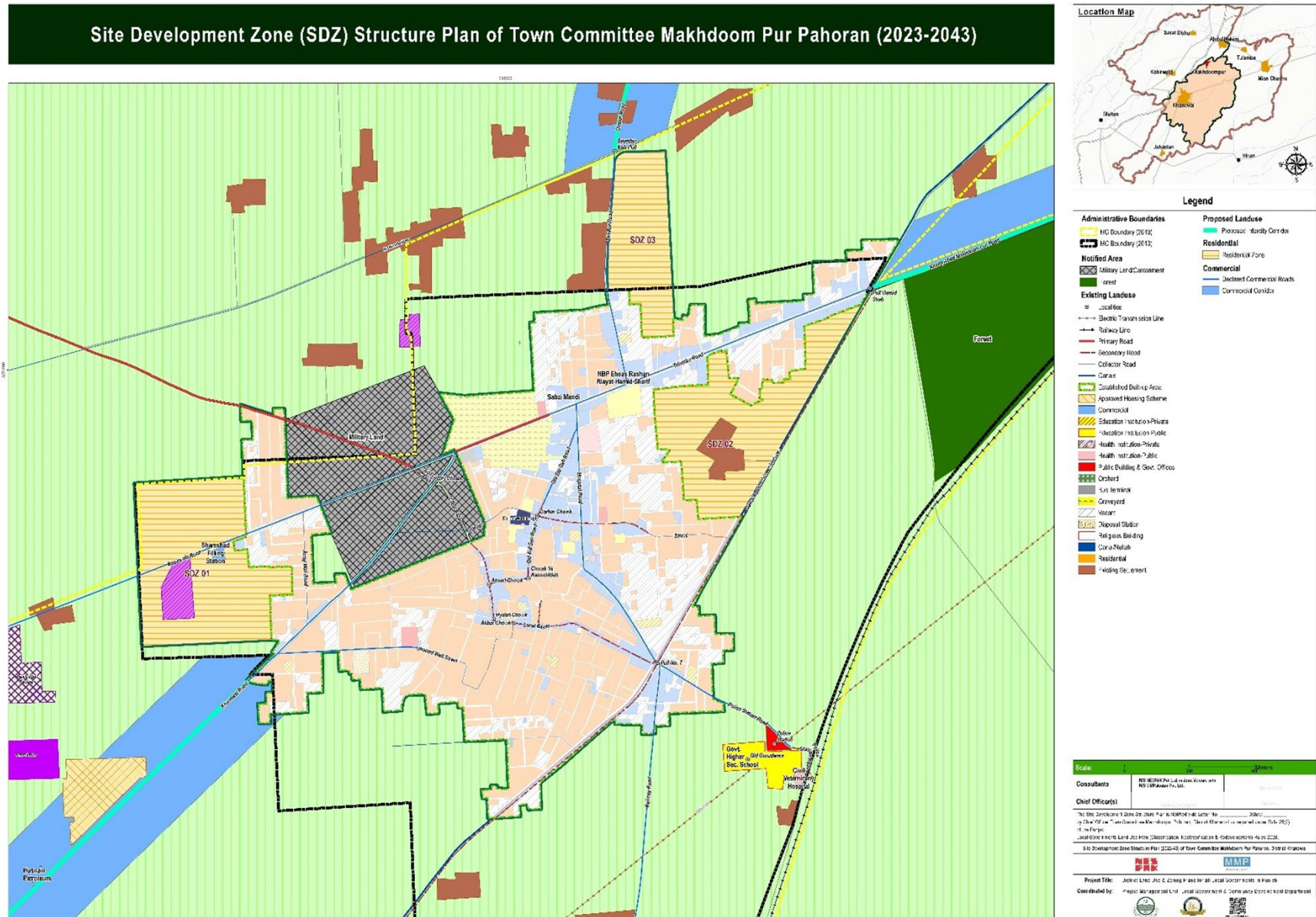
■ Widening of Existing Roads

For widening and up-gradation purposes, the portion of Khanewal Sham Kot Railway Station Road, between proposed Ring Road and Old-Lodhran-road is marked.

3.3.6 Site Development Zone (SDZ) Structure Plan of Makhdoompur (Urban Settlement)

In Makhdoompur, total area requirement for Site Development Zone proposals beyond EBA boundary is 136 acres. As per the future requirements, major residential zones have been proposed outside EBA to accommodate and address the needs of future population. For connectivity, structure plan roads have been proposed and widening of existing roads has been suggested to address the future traffic load on major and arterial roads of the city. Description of these Site Development Zones in Makhdoompur is the following;

Map 10: Site Development Zone (SDZ) Structure Plan of Makhdoompur



In response to the evident growth trend in Makhdoompur, residential zones have been proposed along east and west side of the EBA with an area of 109 acres. These zones have been proposed in a manner to ensure compact and balanced development of the city and provide adequate housing for the incremental population belonging to various income groups.

Table 3-14: Proposed Residential Zone Makhdoompur

Land Uses	Area (Acres)	Percentage of the Total Proposed Area	Symbology
Residential Zones	109	100%	

3.4 Tehsil Kabirwala

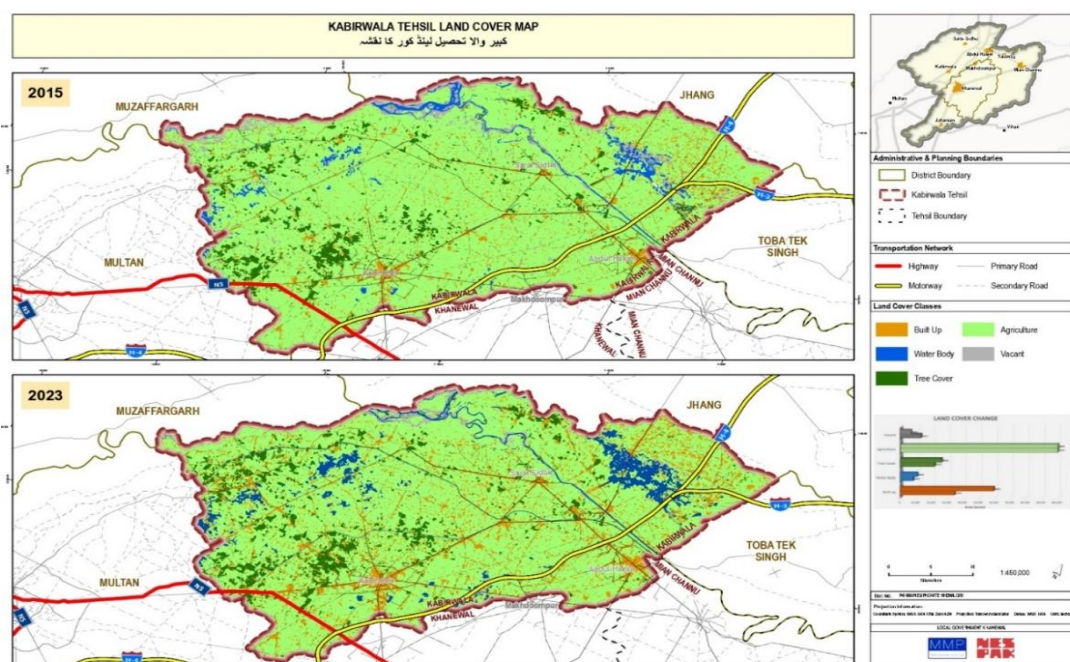
3.4.1 Exploring Past Trends of Land Use Transformation in Tehsil Kabirwala

In Tehsil Kabirwala, the built-up area has increased from 33117.92 acres to 58973.69 acres. Water bodies have added up to 3663.84 acres to the land cover of the city. Their growth is in the North-East side of the city within the tehsil Boundary. Tree cover of the area has been increased from 20224.99 acres to 25915.54 acres. Agricultural land has been decreased from 323361.3 to 291601.2 acres and a total 31760.1 acres of agricultural land has been lost. 3449.84 acres of vacant land has been covered now as compared to that in 2015, i.e., 10669.95 acres.

Table 3-15: Land Cover Analysis of Tehsil Kabirwala

Year	2015 (Acres)	2023 (Acres)	Increase/Decrease in Area (Acres)	% Increase/Decrease in Area
Built up	33117.92	58973.69	25855.77	78%
Water Body	7777.58	11441.42	3663.84	47%
Tree Cover	20224.99	25915.54	5690.55	28%
Agriculture	323361.3	291601.2	-31760.1	-10%
Vacant	10669.95	7220.11	-3449.84	-32%

Figure 3-8: Land Cover Map of Tehsil Kabirwala



3.4.2 Spatial Growth Analysis

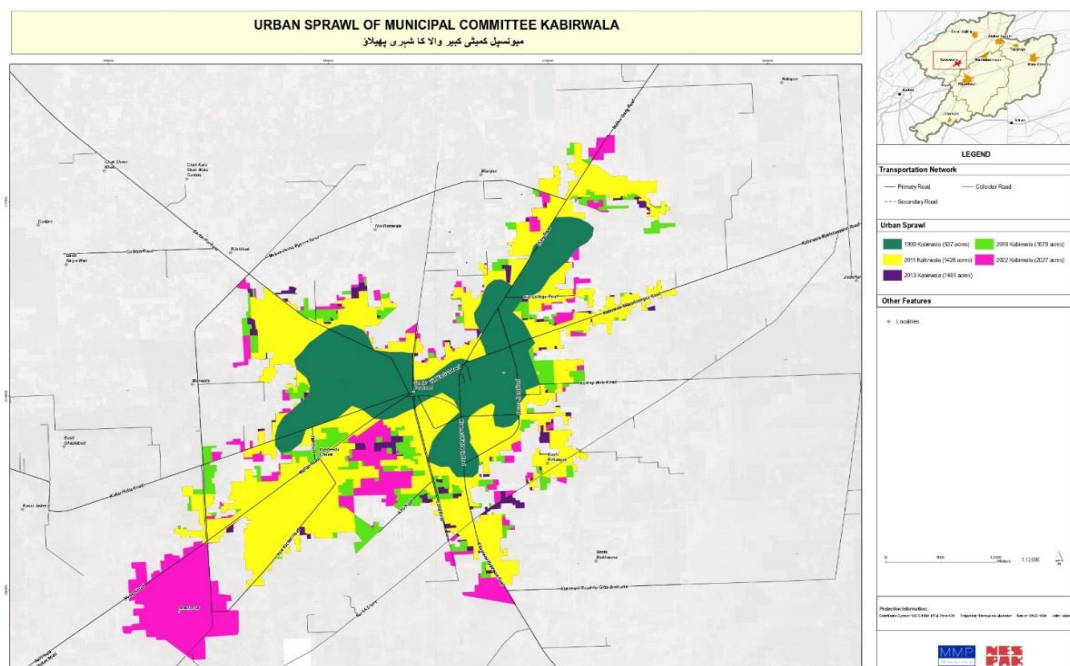
3.4.2.1 Municipal Committee Kabirwala

In Kabirwala, the South Western part of the EBA has been developed along Multan Road, named as Moula Pur. While some patches between New Kachari Road and KPS Road were also observed. In the current year, 2027 acres area have been added to the EBA of Kabirwala.

Table 3-16: Spatial Growth Analysis of Kabirwala

Year	Area (Acres)	Increase/Decrease in Area (Acres)	% Increase/Decrease in Area
2011	1426	-	-
2013	1481	55	4%
2018	1676	195	12%
2022	2027	351	17%

Figure 3-9: Spatial Growth Analysis of Municipal Committee Kabirwala



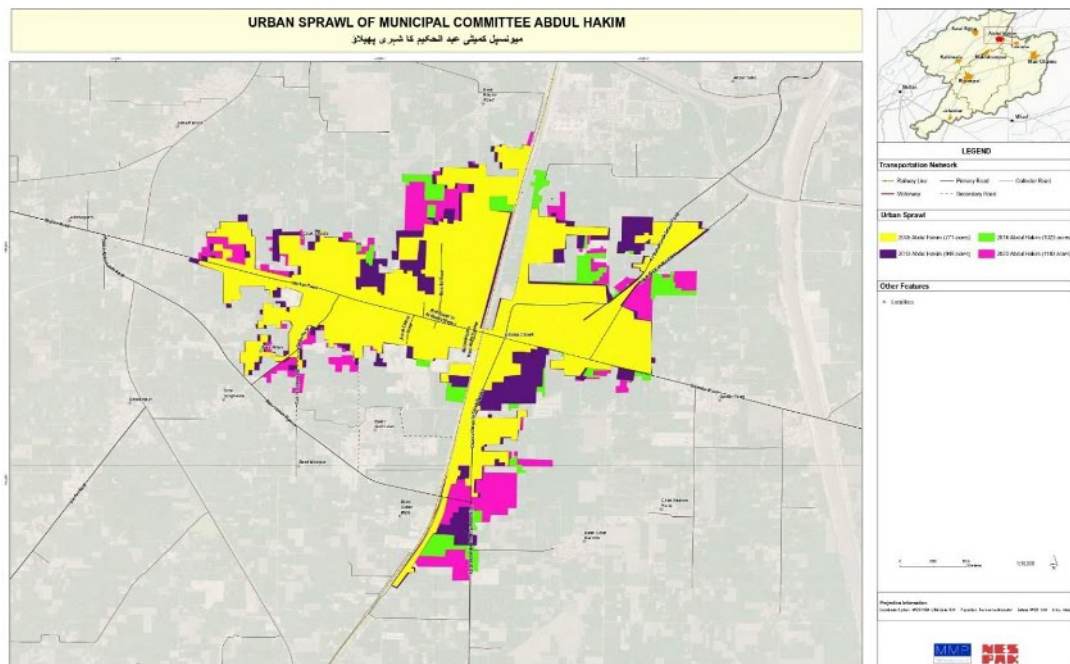
3.4.2.2 Municipal Committee Abdul Hakim

Major sprawl is observed in North-East and South direction of the city. An increasing trend of urbanization has been observed in the past years and now 1183 acres have been added. The growth trend is primarily in North, South, and North-East direction along arterial and main roads.

Table 3-17: Spatial Growth Analysis of Abdul Hakim

Year	Area (Acres)	Increase/Decrease in Area (Acres)	% Increase/Decrease in Area
2005	771	-	-
2013	948	177	19%
2016	1023	75	7%
2022	1183	160	14%

Figure 3-10: Spatial Growth Analysis of Municipal Committee Abdul Hakim



3.4.3 Accessibility Analysis

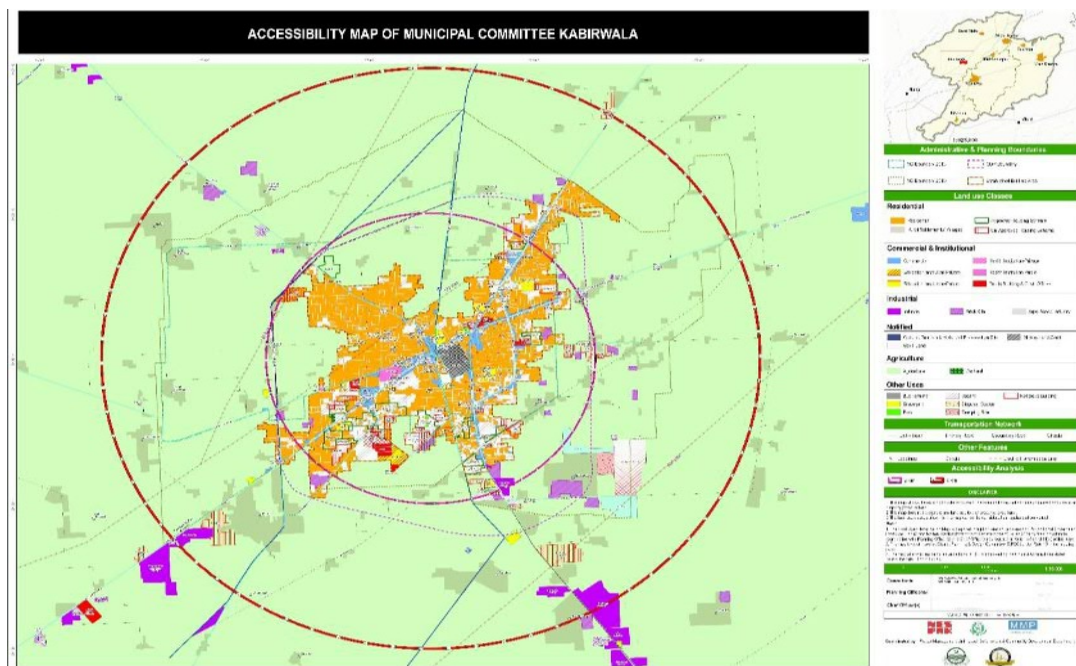
3.4.3.1 Municipal Committee Kabirwala

The accessibility analysis of Municipal Committee (MC) Kabirwala highlights a highly centralized distribution of essential services within a 2-kilometer radius, providing immediate access to a significant portion of the population. Within this core area, there are 29 public buildings, 63 educational institutions, 757 commercial establishments, 29 health facilities, 42 religious centers, 2 graveyards, 1 disposal point, and 5 parks. However, accessibility diminishes drastically beyond this range. In the 2 to 5-kilometer zone, the presence of facilities is minimal, with only 3 educational institutions, 49 commercial establishments, and 2 religious centers, while other facility categories are entirely absent. Beyond 5 kilometers, no services or infrastructure are available. This stark disparity in accessibility underscores the urgent need for urban planning measures to improve service distribution and infrastructure development in outer areas of MC Kabirwala, ensuring equitable access for residents across the municipal limits.

Table 3-18: Accessibility Analysis of Municipal Committee Kabirwala

Range (Distance)	Public Building	Education	Com	Health	Religious	Graveyard	Disposal	Park
2 KM	29	63	757	29	42	2	1	5
2 KM - 5 KM	0	3	49	0	2	0	0	0
5 KM - 10 KM	0	0	0	0	0	0	0	0

Figure 3-11: Accessibility Mapping of Municipal Committee Kabirwala



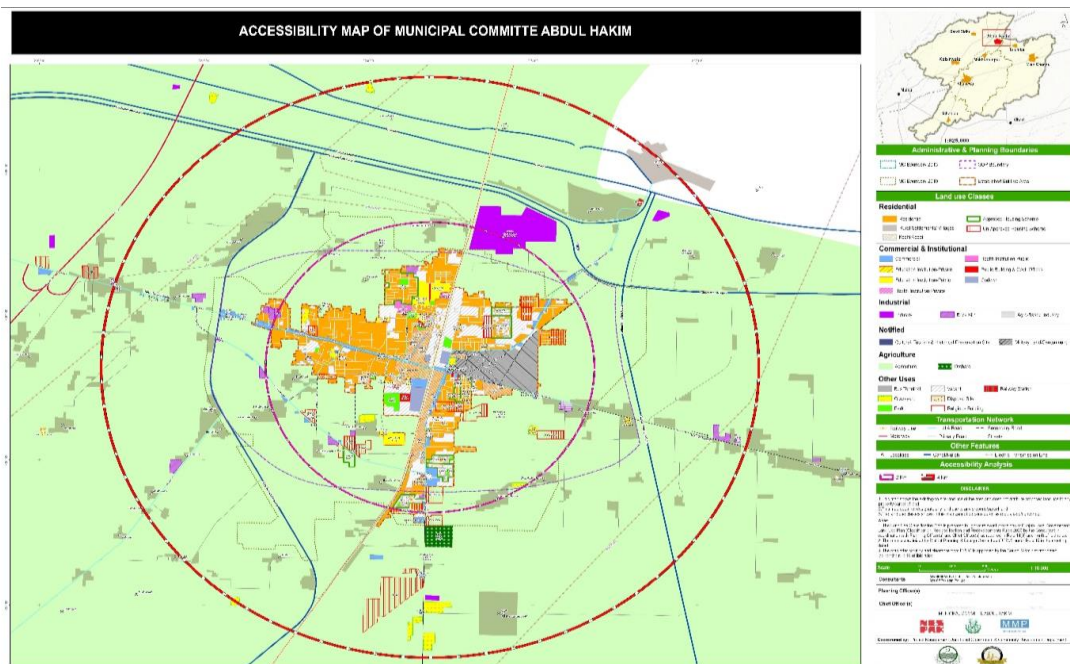
3.4.3.2 Municipal Committee Abdul Hakim

The accessibility analysis of Municipal Committee (MC) Abdul Hakim reveals a highly concentrated distribution of services within a 2-kilometer radius, offering immediate access to essential facilities for residents in the central area. This zone accommodates 13 public buildings, 21 educational institutions, 169 commercial establishments, 9 health facilities, 17 religious centers, 3 graveyards, 3 disposal points, and 16 parks. However, beyond this central core, accessibility completely diminishes. Neither the 2 to 5-kilometer range nor the 5 to 10-kilometer range contains any facilities, highlighting a critical gap in service coverage for peripheral areas. This stark centralization emphasizes the need for targeted urban planning efforts to extend services and infrastructure to underserved areas of MC Abdul Hakim, ensuring equitable access for all residents and fostering balanced urban growth.

Table 3-19: Accessibility Analysis of Municipal Committee Abdul Hakim

Range (Distance)	Public Building	Education	Com	Health	Religious	Graveyard	Disposal	Park
2 KM	13	21	169	9	17	3	3	16
2 KM - 5 KM	0	0	0	0	0	0	0	0
5 KM - 10 KM	0	0	0	0	0	0	0	0

Figure 3-12: Accessibility Mapping of Municipal Committee Abdul Hakim



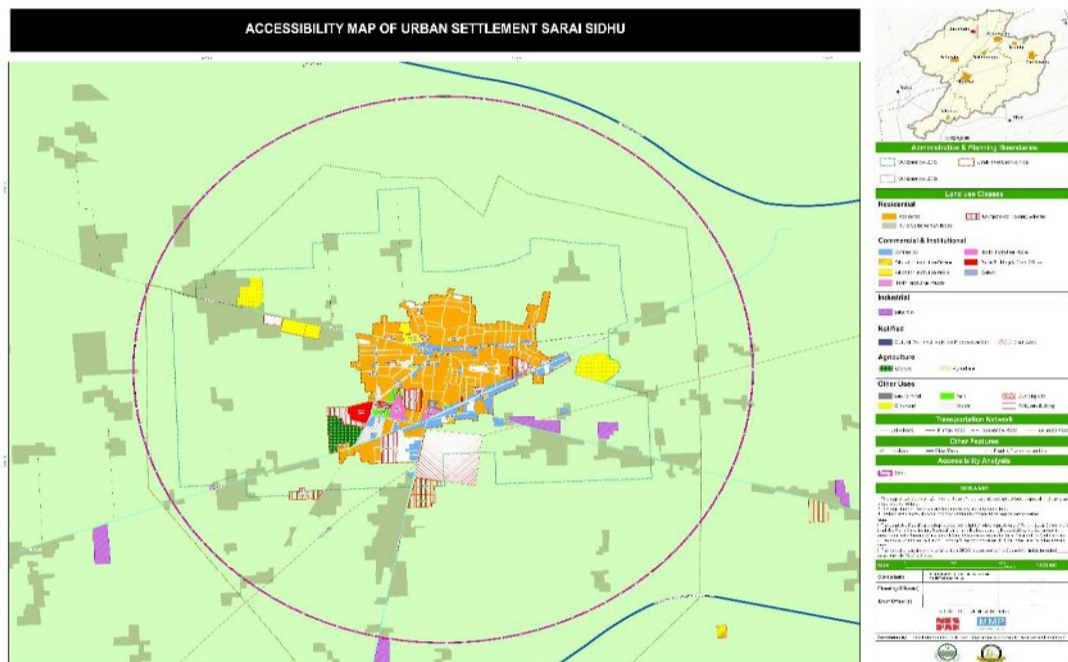
3.4.3.3 Sarai Sidhu

The accessibility analysis of Sarai Sidhu demonstrates a concentrated provision of services within a 2-kilometer radius, ensuring basic access for residents in the central area. This zone contains 7 public buildings, 10 educational institutions, 82 commercial establishments, 3 health facilities, 11 religious centers, 1 graveyard, and 3 parks, while no disposal points are present. Beyond this immediate core, there is a complete absence of facilities in the 2 to 5-kilometer and 5 to 10-kilometer ranges, indicating a stark centralization of services. This limited spatial distribution underscores the urgent need for urban planning initiatives to expand services and infrastructure to peripheral areas of Sarai Sidhu, promoting equitable access and balanced development across the region.

Table 3-20: Accessibility Analysis of Sarai Sidhu

Range (Distance)	Public Building	Education	Com	Health	Religious	Graveyard	Disposal	Park
2 KM	7	10	82	3	11	1	0	3
2 KM – 5 KM	0	0	0	0	0	0	0	0
5 KM – 10 KM	0	0	0	0	0	0	0	0

Figure 3-13: Accessibility Mapping of Sarai Sidhu



3.4.4 Population Projections & Growth Trends (2023-2043)

Population projections for the 2023-2043 planning horizon are based on the 2017 Census data. These projections are used to determine the area requirements for the SDZ Structure Plans and are calculated using the geometric formula.

$$P_n = P_o[1 + (r/100)]^n$$

Where,

P_o: last known population,

P_n: Projected population after 'n' number of years,

n: number of years between P_o and P_n and,

r: growth rate

3.4.4.1 Population Projection at Municipal Committee Level

In MC Kabirwala, 2017 census population is 96,665. Area of MC Boundary 2013 is 2,945 acres. Hence, the population density of MC Kabirwala is 33 PPA in 2017. Moreover, considering the AAGR of 2.43, the projected population of MC Kabirwala till the project year i.e., 2022, is 108,995. For the plan period 2022-2043, the projected population of MC Kabirwala is 180,458.

In MC Abdul Hakim, 2017 census population is 57,680. Area of MC Boundary 2013 is 3,648 acres. Hence, the population density of MC Abdul Hakim is 16 PPA in 2017. Moreover, considering the AAGR of 2.14, the projected population of MC Abdul Hakim till the project year i.e., 2022, is 64,122. For the plan period 2022-2043, the projected population of MC Abdul Hakim is 100,027.

Table 3-21: Population Projection for Kabirwala and Abdul Hakim (At Municipal Committee Level)

Description	Statistics	
	Kabirwala	Abdul Hakim
MC Population 2017	96,665	57,680
MC Area (Acres) 2013	2,945	3,648
MC Population Density (PPA) 2017	33	16
Growth Rate (AAGR) 2017-2043	2.43	2.14
Current MC Population 2022	108,995	64,122
Projected MC Population 2043	180,458	100,027

3.4.4.2 Population Projection and Density Analysis at EBA Level

The current EBA area of Kabirwala is 1790 acres. 2017 EBA population is calculated through 2017 census blocks and remaining blocks, outside MC Boundary 2013, were added into it to get the accurate values. Hence, 2017 EBA population is 77,751. Current EBA Population is 87,668. The population is projected till 2022 with Average Annual Growth Rate 2017-2043 i.e., 2.43.

The projected EBA population of MC Kabirwala for 2043 is 145,148. Total addition in population from 2022 to 2043 is 57,480. The current gross density of EBA is 49 persons per acre and net density is 74. As per the desired density for future i.e., planning horizon 2022-2043 i.e., 59, the future population of the EBA would be 105,202. Additional population beyond EBA is 39,947.

The current EBA area of MC Abdul Hakim is 1305 acres. 2017 EBA population is calculated through 2017 census blocks and remaining blocks, outside MC Boundary 2013, were added into it to get the accurate values. Hence, 2017 EBA Population of MC Abdul Hakim is 46,945. Current EBA Population is 52,188. The population is projected till 2022 with Average Annual Growth Rate 2017-2043 i.e., 2.14.

The projected EBA population of MC Abdul Hakim for 2043 is 81,411. Total addition in population from 2022 to 2043 is 29,223. The current gross density of EBA is 40 persons per acre and net density is 71. As per the desired density for future i.e., planning horizon 2022-2043 i.e., 48, the future population of the EBA would be 62,625. Additional population beyond EBA is 18,785.

Table 3-22: Population Projection for Kabirwala (At Established Built-up Area Level)

Description	Statistics	
	Kabir Wala	Abdul Hakim
Current EBA Area (Acres)	1790	1305
EBA Population 2017	77,751	46,945
Annual Average Growth Rate (AAGR) 2017-2043	2.43	2.14
Current EBA Population 2022	87,668	52,188
Projected EBA Population 2043	145,148	81,411
Addition in Population (2022-2043)	57,480	29,223
EBA Current Gross Density (PPA)	49	40
Current Net Density (PPA)	74	71
Desired Population Density (PPA) in Existing EBA (@20% increase)	59	48
Future Population of EBA as per Revised Density	105,202	62,625
Additional Population Beyond EBA (2043)	39,947	18,785

3.4.4.3 Future Site Development Zone (SDZ) Area Requirement in Municipal Committee Kabirwala

In Kabirwala, the Southwestern part of the EBA has been developed along Multan Road, named as Moula Pur. In the current year, 2027 acres area have been added to the EBA of Kabirwala. In between New-Kachari and KPS Road, various housing schemes like Defence Homes, Zam Zam Homes, Officers Block, Takbeer Town and Abdullah City. Moreover, the presence of THQ Hospital and educational services like Superior College, and Kabrian College has pulled in the residential activity to this region. Some patches of land are also vacant, surrounded by residential area.

3.4.4.4 Population Projection and Fact Sheet for Sarai Sidhu

Table 3-23: FACT Sheet for Proposed Site Development Zone Municipal Committee Kabirwala, Municipal Committee Abdul Hakim and for Plan Period (2023-2043)

Description	Kabirwala	Abdul Hakim	Sarai Sidhu
MC Area 2013 (Acres)	2,945	3,648	1,221
Area of EBA (2022) Acres	1790	1305	261
Growth Rate	2.43	2.14	1.52
Projected EBA Population 2022	87,668	52,188	14,133

Description	Kabirwala	Abdul Hakim	Sarai Sidhu
Projected Population of EBA (2043)	145,148	81,411	19,400
Projected Population of MC (2043)	57,480	100,027	26,253
EBA population is being used for future area calculation			
Population density of EBA 2022, PPA	49	40	54
Proposed Increase in Overall Density (2043)	20%	20%	10%
Desired Density 2043, PPA	59	48	60
Additional Area required for future city population 2043 (Acres)	928	609	100
Area required for higher order infrastructure for rural population/Growth of Rural Areas	243	193	9
Total area required for the city 2043 (Acres)	1172	802	109
Area available for Infill development (Acres)	366.07	271.47	27.87

3.4.5 Site Development Zone (SDZ) Structure Plan of Municipal Committee Kabirwala

The SDZ Structure Plan of Kabirwala is prepared with transportation (circulation) as a priority to control the overall shape. Several zones are then proposed keeping in view the planning principles and factors outlined in the previous chapter. The distribution of various zones proposed in SDZ Structure Plan are shown in the table below.

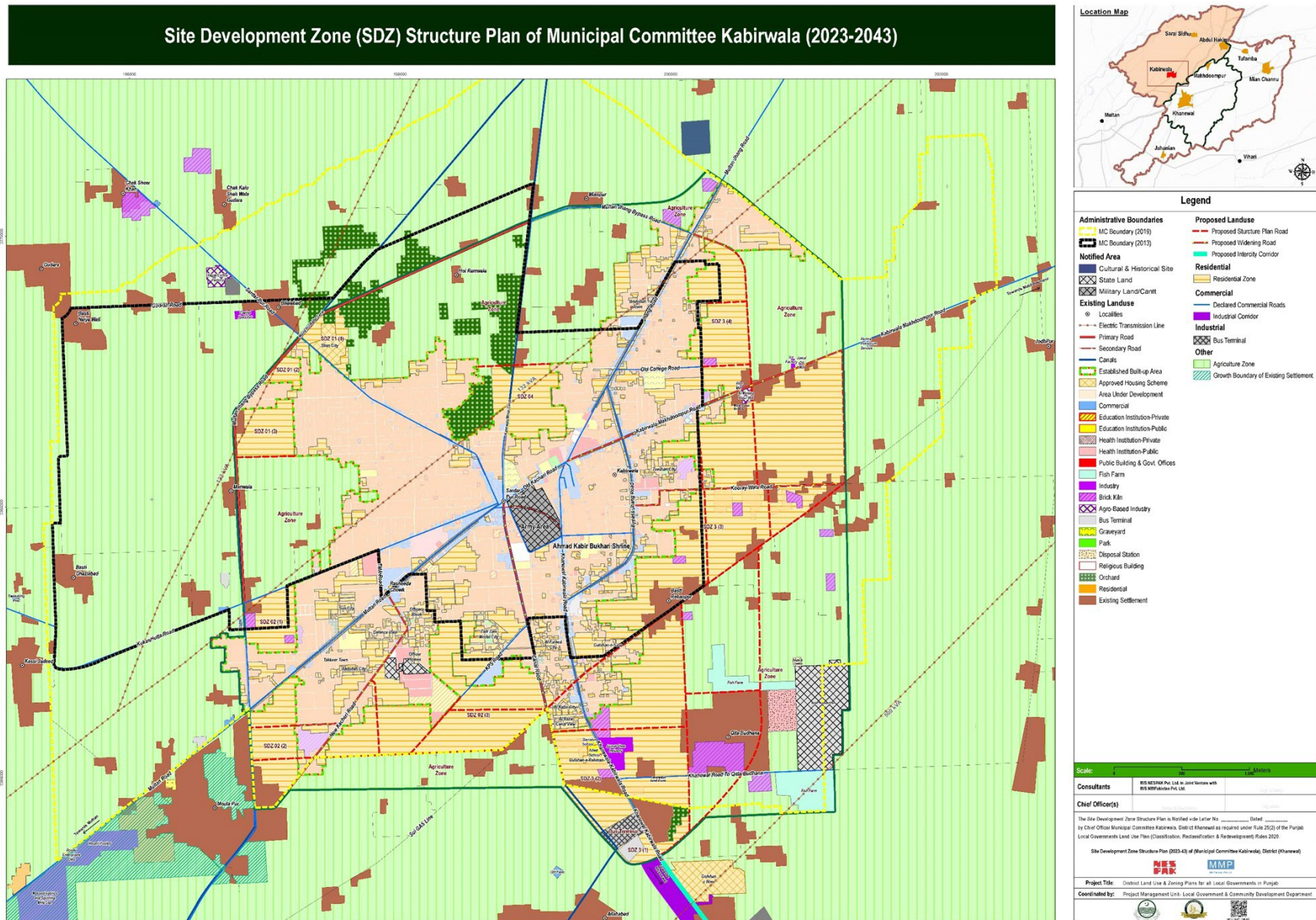
Table 3-24: Proposed Site Development Zones for Plan Period 2023- 2043

Proposed Site Development Zone	Area (Acres)	Land Use Percentage
Residential Proposed Uses	1162	99.06%
Other Land Uses	11	0.94%
Total of all zones	1,173	100%

3.4.5.1 Site Development Zone Proposals Municipal Committee Kabirwala

In MC Kabirwala, ODP boundary have been taken as planning boundary. This will give the city a shape and contiguous urban form. Moreover, the site development zone proposals are inside this planning boundary as per the calculated future population and area requirement i.e. 680 acres. Major zones have been proposed outside EBA to accommodate and address the needs of future population. These zones are named as Residential zone, Agriculture Zone, Sports/Recreational Zone, Bus Terminal, Industrial Zone (Trade/Godowns/Wholesale) and Infill Residential. For connectivity, structure plan roads have been proposed and widening of existing roads has been suggested to address the future traffic load on major and arterial roads of the city. Description of these Site Development Zones in MC Kabir Wala is the following:

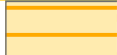
Map 11: Site Development Zone (SDZ) Structure Plan of Municipal Committee Kabirwala



■ **Residential Zone**

Within planning boundary, the area outside EBA Boundary between Multan-Jhang Road and New Kacheri Road is the proposed residential zone, excluding the areas of Trade/Wholesale/Industrial Zone and education and health institution zone.

Table 3-25: Proposed Residential Zones in Kabirwala

Land Uses	Area (Acres)	Percentage of the Total Proposed Area	Symbology
Residential Zones	1,162	99.06%	

■ **Agriculture Zone**

From Kukkar Hatta Road to Al-Jannat Canal View Housing Scheme, agriculture zone is proposed. However, in the northern side of EBA, within the planning boundary the whole area is proposed and suggested for future agricultural activities of the city.

■ **Bus Terminal**

On the right side of canal road, a bus terminal is purposed at the facing of Khanewal Kabirwala road. This will give the passengers more convenient way of inter-city locomotion through connected transportation means as it lies at the starting point of the city.

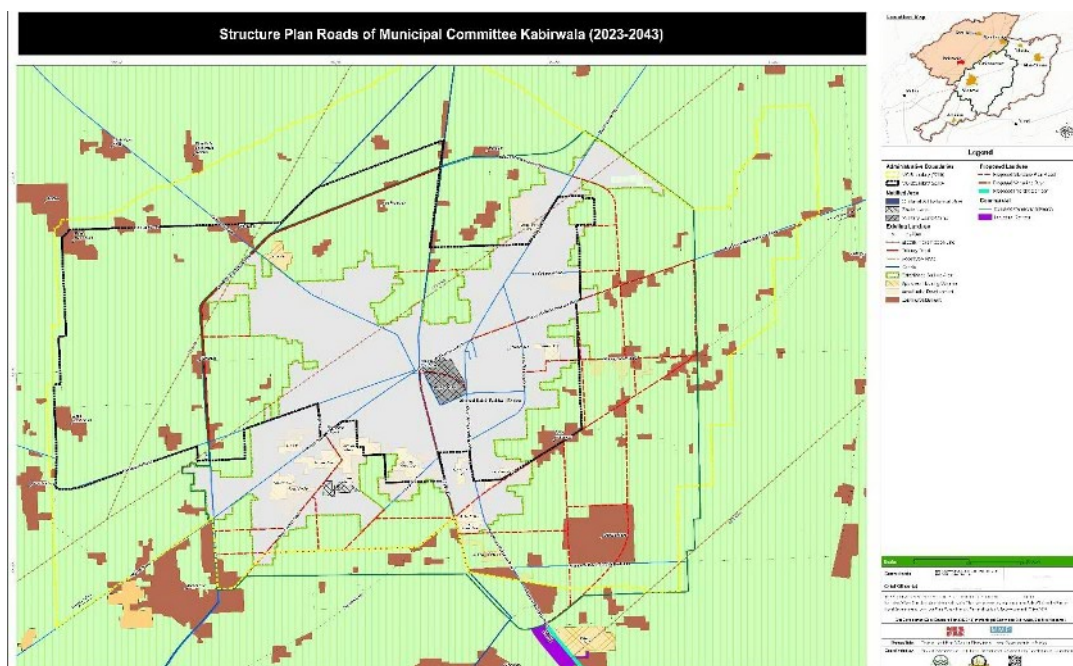
■ **In-Fill Residential Zone**

The vacant areas inside EBA are the in-fill residential zones where the population will be accommodated first and then in the proposed site development zones.

3.4.5.2 Proposed Structure Plan Roads

In MC Kabirwala, ODP Boundary is taken as planning boundary the existing built-up area and required area for Site Development Zone falls is covered in within this boundary. In the South of EBA, within the planning boundary, a diagonal road intersecting Khanewal-Kabir #ala Road and Canal Road is proposed. Three connectors in the South of this road have been proposed, approximately at a distance of 1 km. From Multan-Jhang Bypass Road, a road is proposed which intersects the diagonal road in the south of EBA.

Figure 3-14: Proposed Structure Plan Roads of Municipal Committee Kabirwala



Note: The comprehensive list of Proposed Structure Plan Roads has been provided under section 5.2. of Proposed Roads.

■ Widening of Existing Roads

Three roads have been marked for widening and up-gradation purposes. TMA Road, Linking Multan Road and New Kacheri Road, Kabirwala Canal Road from Army Cantt area to planning boundary and Kabirwala-Makhdoompur Road from Assistant Commissioner House to Planning Boundary are marked for widening. Abdul Hakim Site Development Zone Structure Plan (2023-2043)

3.4.6 Site Development Zone (SDZ) Structure Plan of Municipal Committee Abdul Hakeem

The SDZ Structure Plan of Abdul Hakim is prepared with transportation (circulation) as a priority to control the overall shape. Several zones are then proposed keeping in view the planning principles and factors outlined in the previous chapter. The distribution of various zones proposed in SDZ Structure Plan are shown in the table below.

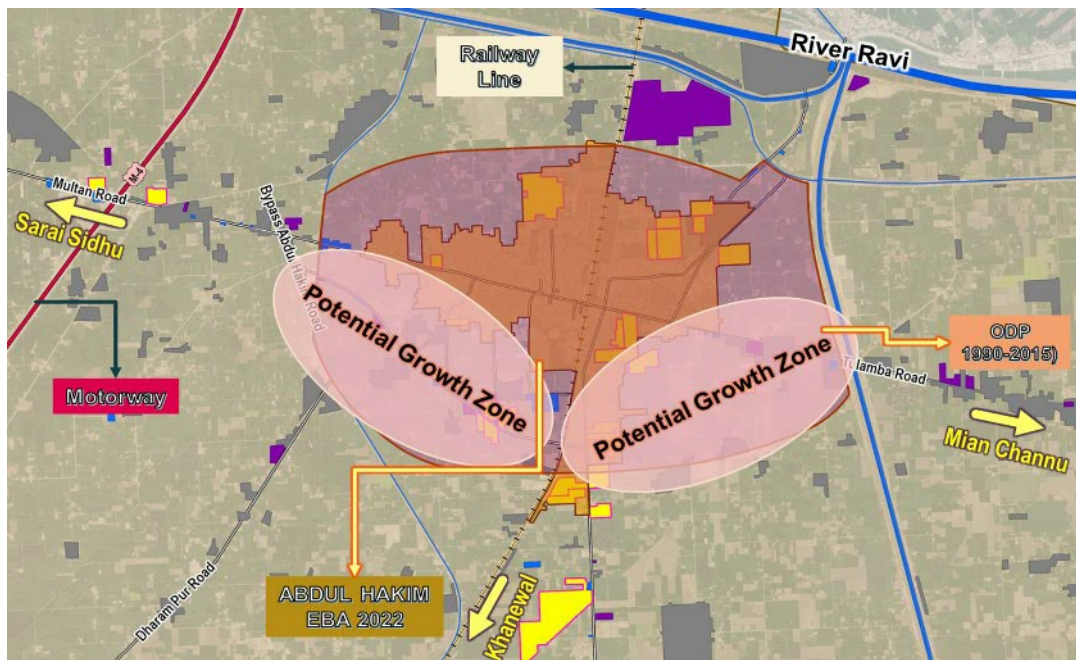
Table 3-26: Proposed Site Development Zones for Municipal Committee Abdul Hakeem

Proposed Site Development Zone	Area (Acres)	Land Use Percentage
Residential Proposed Uses	793	98.38%
Institutional Proposed Uses	13	1.61%
Other Land Uses	-	-
Total of all zones	806	100.00%

3.4.6.1 Potential growth zones in Municipal Committee Abdul Hakim

In Abdul Hakim, potential growth zones are marked on the basis of urban and spatial growth trend of MC Abdul Hakim. In accordance with these directions, the site development zone proposals have been made to ensure maximum contiguity to the existing and future development. Future growth potential of MC Abdul Hakim is in Southern side of EBA, along Tulumba Road and in the south east of EBA, as shown in the following figure.

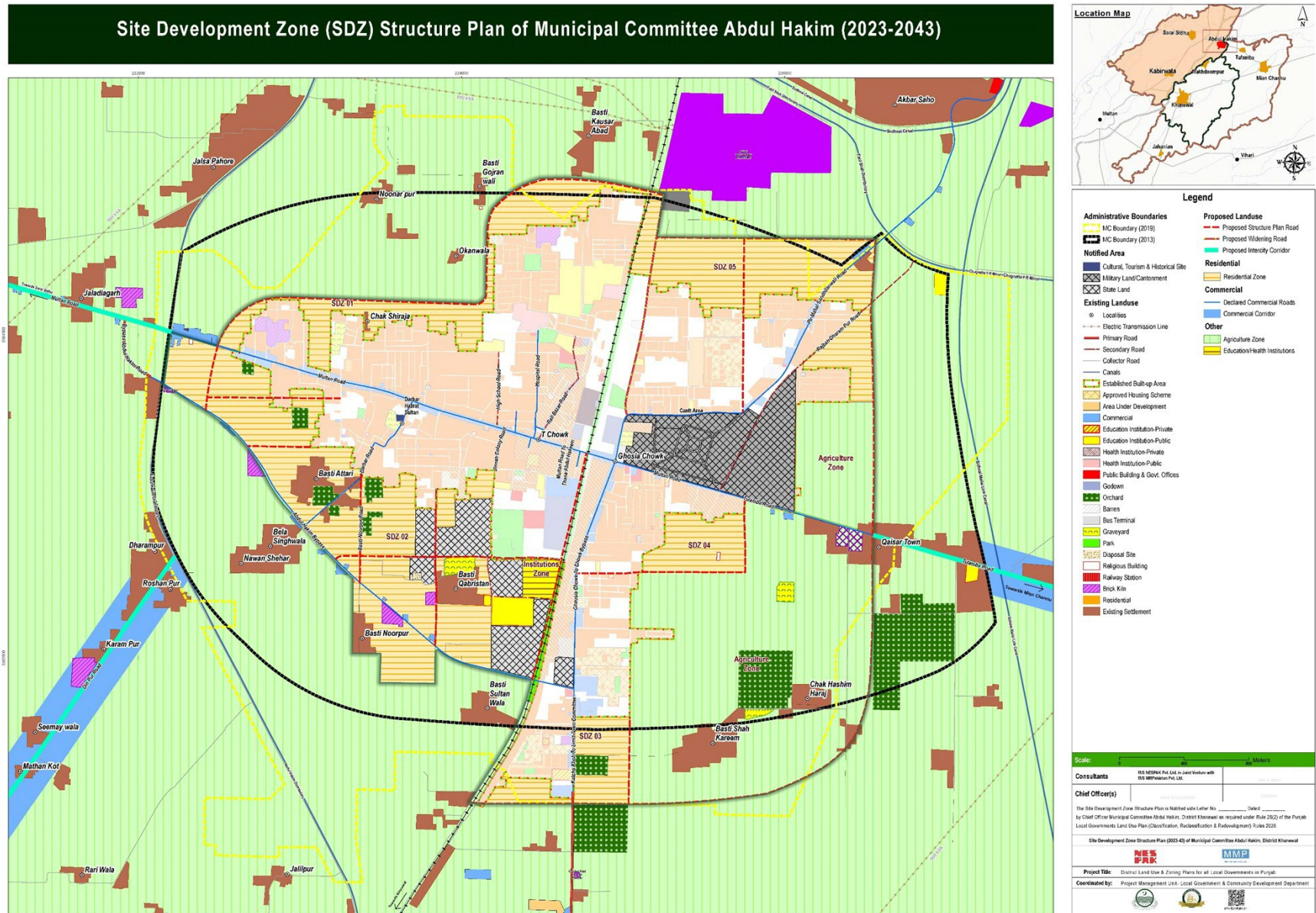
Figure 3-15: Potential Growth Zones in Municipal Committee Abdul Hakim



3.4.6.2 Site Development Zones Proposals Municipal Committee Abdul Hakim

In MC Abdul Hakim, a planning boundary has been marked which will give the city a shape and contiguous urban form. Moreover, the site development zone proposals are inside this planning boundary as per the calculated future population and area requirement i.e., 391 acres. Major zones have been proposed outside EBA to accommodate and address the needs of future population. These zones are named as Residential Zone, Agriculture Zone, Sports/Recreational Zone, Bus Terminal, Industrial Zone (Trade/Godowns/Wholesale), and Infill Residential. For connectivity, structure plan roads have been proposed and widening of existing roads has been suggested to address the future traffic load on major and arterial roads of the city. Description of these Site Development Zones in MC Abdul Hakim is the following:

Map 12: Site Development Zone (SDZ) Structure Plan of Municipal Committee Abdul Hakim



Residential Zone

In the South West of EBA, the area between Abdul Hakim Distributary and Abdul Hakim Bypass Road is residential zone.

Table 3-27: Proposed Residential Zones in Municipal Committee Abdul Hakim

Land Uses	Area (Acres)	Percentage of the Total Proposed Area	Symbology
Residential Zones	793	98.38%	

Education/Health Institution Zone

Education and institutional zone are purposed along Sports Stadium along Railway Line.

Table 3-28: Proposed Institution Zone in Municipal Committee Abdul Hakim

Land Uses	Area (Acres)	Percentage of the Total Proposed Area	Symbology
Institution Zone	13	1.61%	

Bus Terminal Zone

Bus terminal is purposed on the location where Multan Road and Bypass Abdul Hakim Road join with each other. It is the entrance of city which will help in the smooth locomotion of people inside the city.

Agriculture Zone

In the East of EBA, major chunks inside planning boundary are marked as purposed Agriculture Zones which will be used for agriculture related activities in the future.

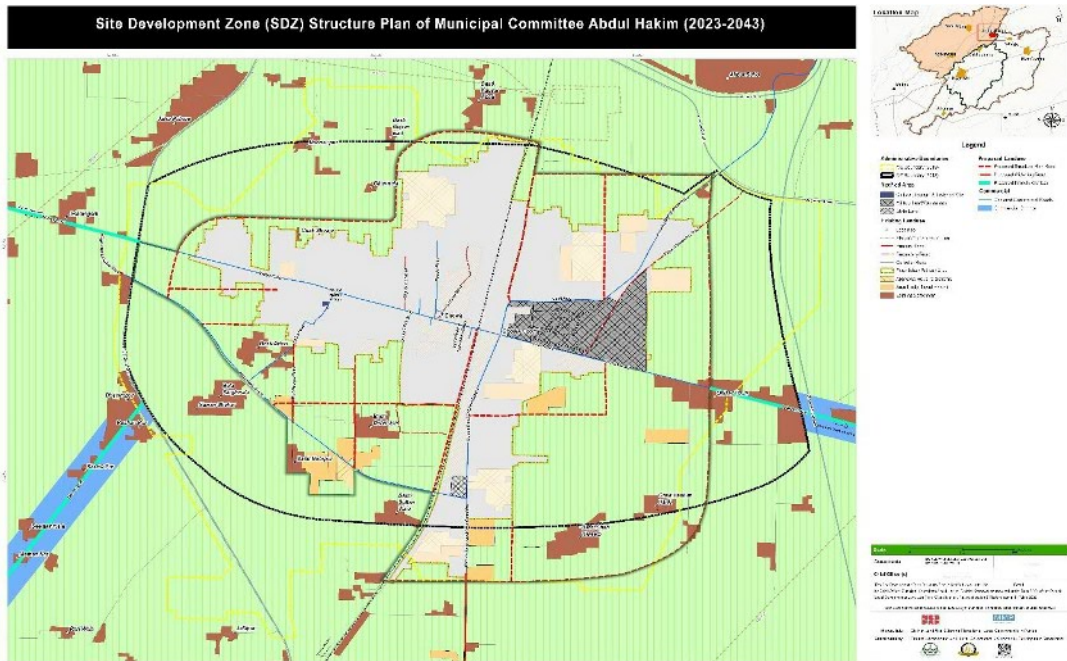
In-Fill Residential Zone

Inside EBA, the major portions of vacant chunks that are either on ground housing schemes or areas along existing built-up areas are the proposed infill residential zones in which the future population would accommodate prior to the development in Site Development Zones.

3.4.6.3 Proposed Structure Plan Roads

From Pir Mahal Sandhlanwali Road to Multan Road a road has been purposed which is also the planning boundary. Likewise, from Rajbah Darham Pur Road till inside the EBA and from Multan Road till Abdul Hakim Bypass, two road have been proposed.

Figure 3-16: Proposed Structure Plan Roads for Municipal Committee Abdul Hakim

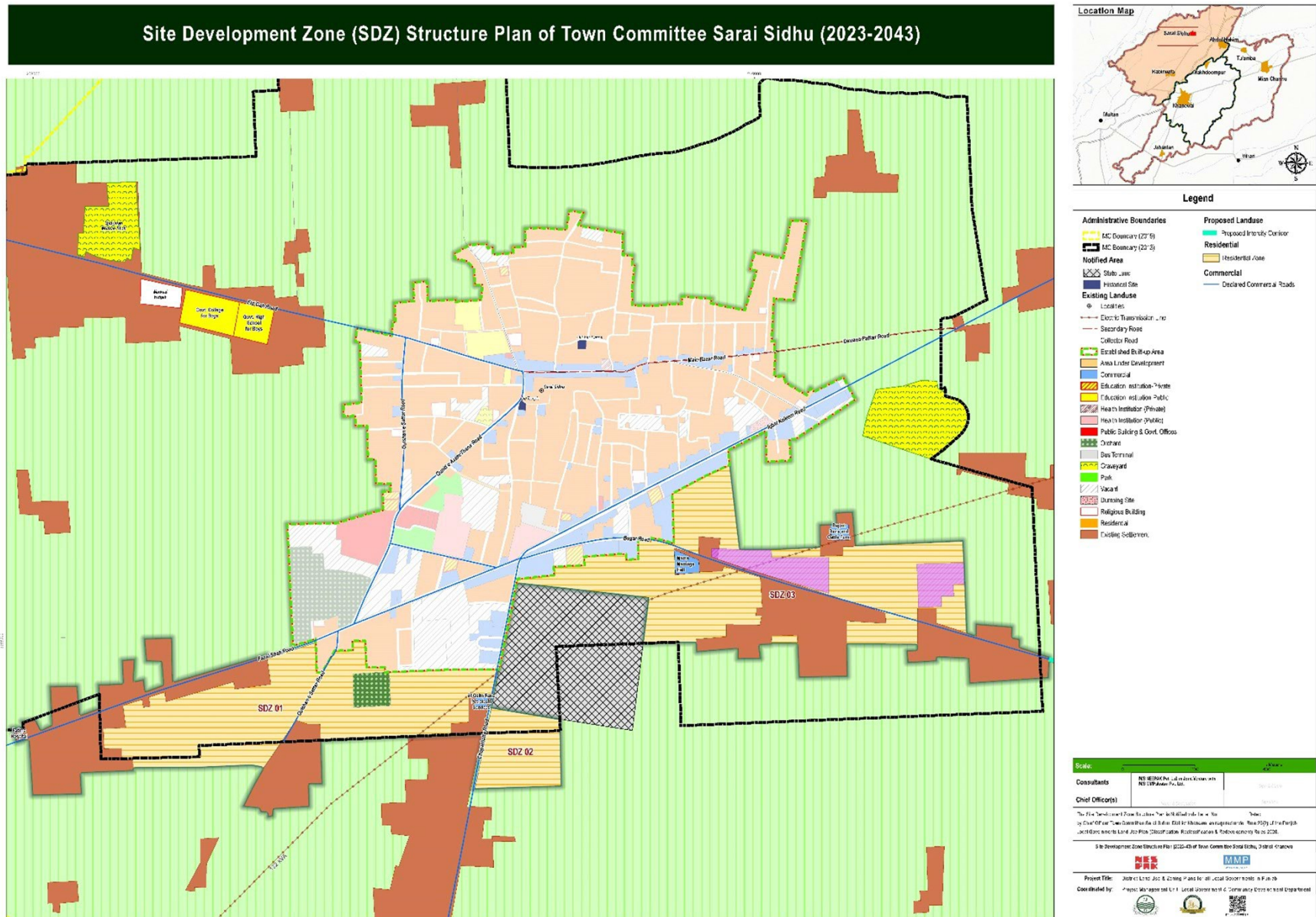


Note: The comprehensive list of Proposed Structure Plan Roads has been provided under section 5.2. of Proposed Roads.

3.4.7 Site Development Zone (SDZ) Structure Plan of Sarai Sidhu (Urban Settlement)

In Sarai Sidhu, total area requirement for Site Development Zone proposals beyond EBA boundary is 82 acres. As per the future requirements, major residential zones have been proposed outside EBA to accommodate and address the needs of future population. For connectivity, structure plan roads have been proposed and widening of existing roads has been suggested to address the future traffic load on major and arterial roads of the city. Description of these Site Development Zones in Sarai Sidhu is the following;

Map 13: Site Development Zone (SDZ) Structure Plan of Sarai Sidhu



In response to the evident growth trend in Sarai Sidhi, residential zones have been proposed along South eastern and south western sides with an area of 141 acres. These zones have been proposed in a manner to ensure compact and balanced development of the city and provide adequate housing for the incremental population belonging to various income groups.

Table 3-29: Proposed Residential Zones in Sarai Sidhu

Land Uses	Area (Acres)	Percentage of the Total Proposed Area	Symbology
Residential Zones	141	100.00s%	

3.5 Tehsil Mian Channu

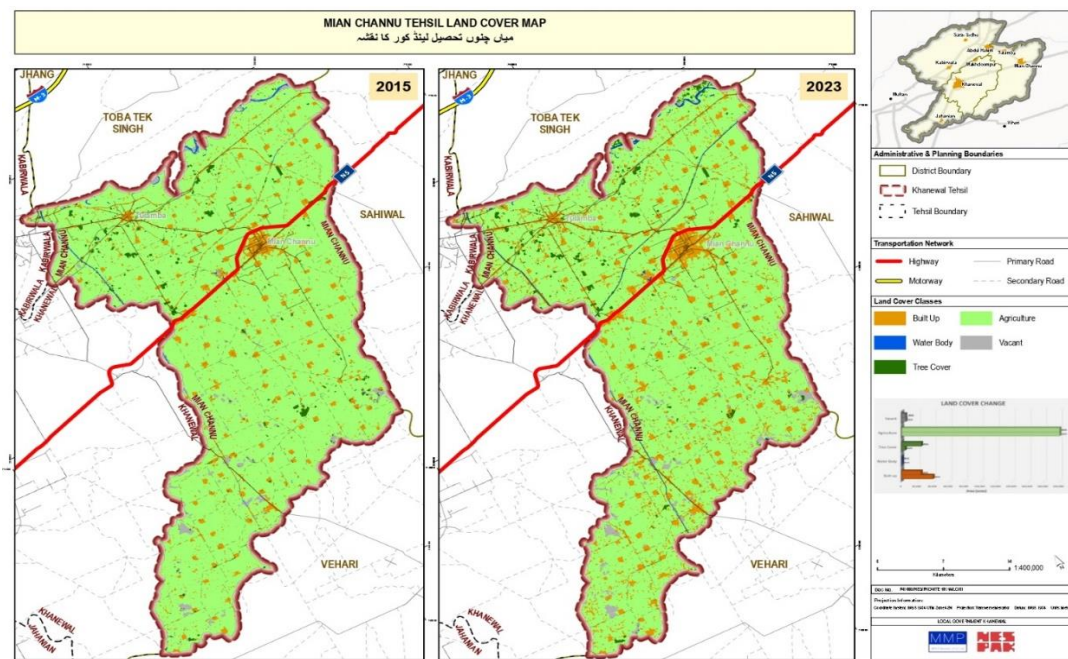
3.5.1 Exploring Past Trends of Land Use Transformation in Tehsil Mian Channu

The built-up area of Mian Channu has increased from 24,319.82 acres to 39469.02 acres. The total addition to the built-up area is 3663.84 acres. A significant increase of water bodies in the North East of the city has been observed i.e., 292.22 acres within the MC Boundary. Tree cover has increased from 3,848.80 to 4413.74 acres in the North and Northwest side of the city. 16815.98 acres agricultural land has been lost due to different residential, commercial and industrial activities. The land cover of agricultural land is now 250416.1 acres. 809.86 acres of vacant land has been occupied and now it has been reduced to 5321.34.

Table 3-30: Land Cover Analysis of Tehsil Mian Channu

Year	2015 (Acres)	2023 (Acres)	Increase/Decrease in Area (Acres)	% Increase/Decrease in Area
Built up	33117.92	58973.69	25855.77	78%
Water Body	7777.58	11441.42	3663.84	47%
Tree Cover	20224.99	25915.54	5690.55	28%
Agriculture	323361.3	291601.2	-31760.1	-10%
Vacant	10669.95	7220.11	-3449.84	-32%

Figure 3-17: Land Cover Maps of Tehsil Mian Channu



3.5.2 Spatial Growth Analysis

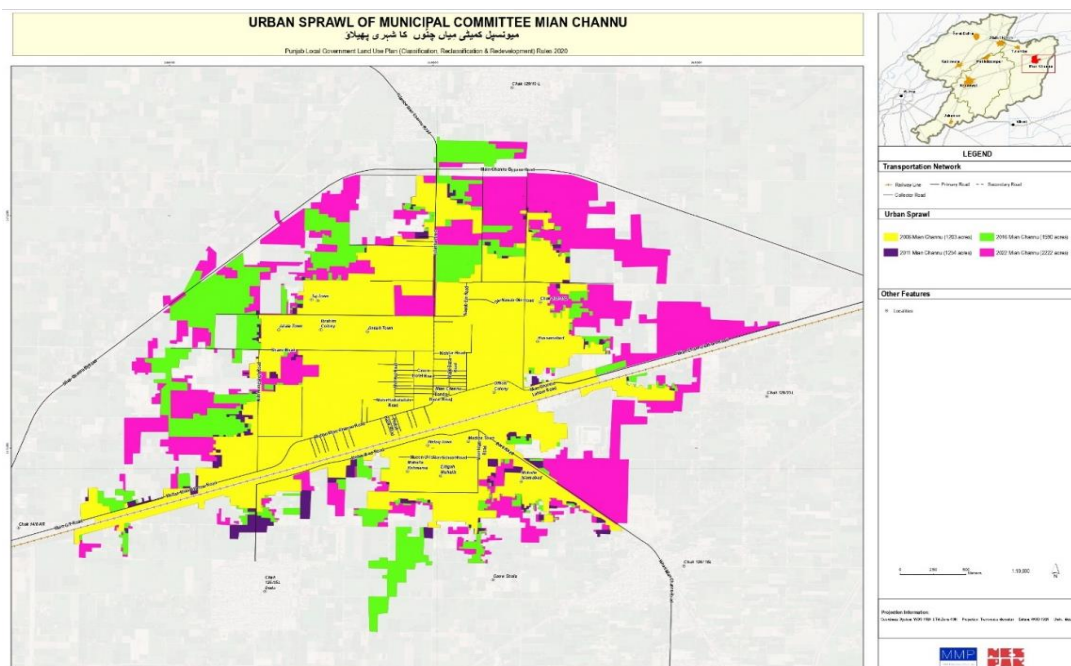
3.5.2.1 Municipal Committee Mian Channu

In Mian Channu, the growth of the city is in North-West, North-East and and South-West direction because of the major residential activities in the form of housing schemes. The total urban area has now been increased from 1590 to 2222 acres.

Table 3-31: Spatial Growth Analysis of Municipal Committee Mian Channu

Year	Area (Acres)	Increase/Decrease in Area (Acres)	% Increase/Decrease in Area
2006	1203	-	-
2011	1254	51	4%
2016	1590	336	21%
2022	2222	632	28%

Figure 3-18: Spatial Growth Analysis of Municipal Committee Mian Channu



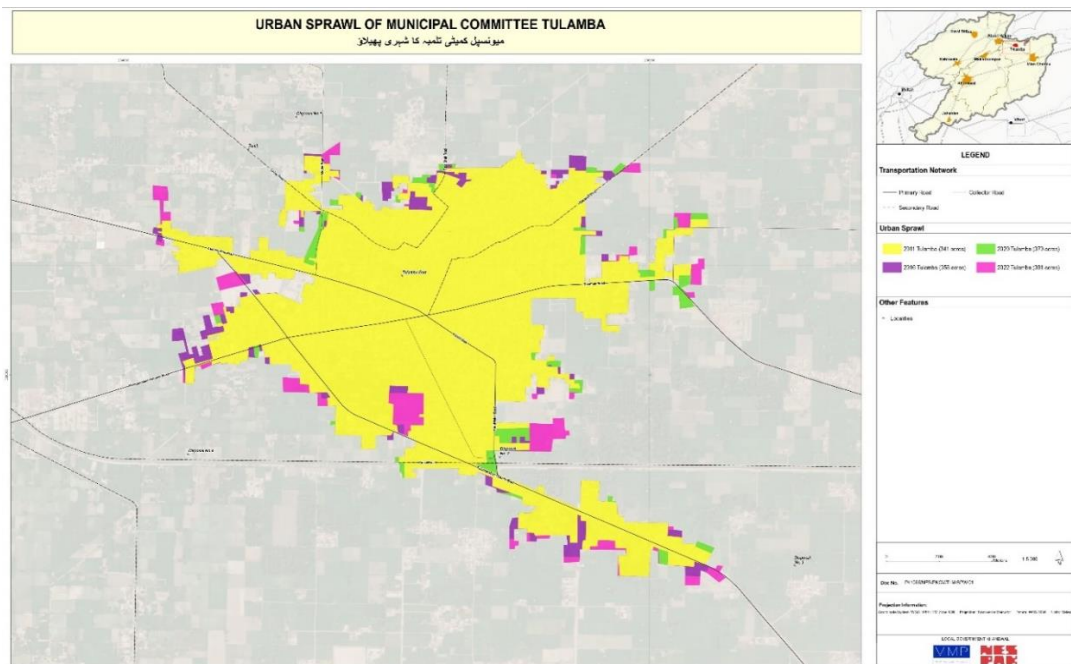
3.5.2.2 Municipal Committee Tulamba

Total 391 acres of urban sprawl are observed small patches. Some areas are along the roads while in North-East direction some are in the middle of agricultural land.

Table 3-32: Spatial Growth Analysis of Municipal Committee Tulamba

Year	Area (Acres)	Increase/Decrease in Area (Acres)	% Increase/Decrease in Area
2011	341	-	-
2016	358	17	5%
2020	370	12	3%
2022	391	21	5%

Figure 3-19: Spatial Growth Analysis of Municipal Committee Tulamba



3.5.3 Accessibility Analysis

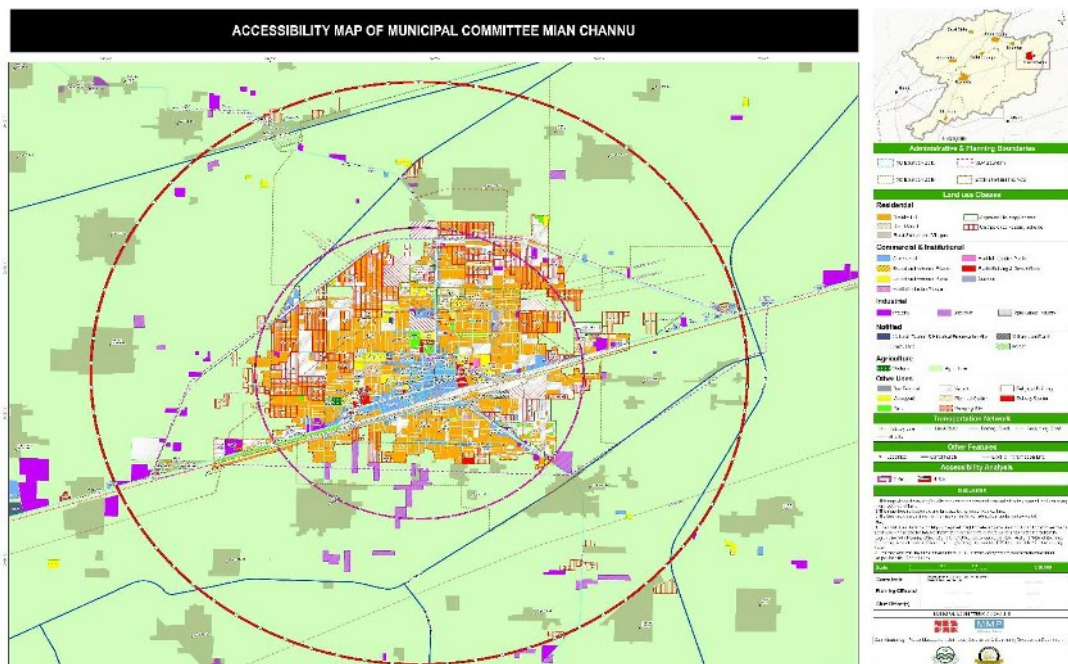
3.5.3.1 Municipal Committee Mian Channu

The accessibility analysis of Municipal Committee (MC) Mian Channu highlights a robust concentration of services within a 2-kilometer radius, which serves as the urban core and primary hub of activity. This area hosts 24 public buildings, 90 educational institutions, 909 commercial establishments, 41 health facilities, 58 religious centres, 6 graveyards, 4 disposal points, and 26 parks, ensuring a high level of accessibility for the central population. Beyond this range, accessibility diminishes significantly. In the 2 to 5-kilometer zone, there is a marked reduction, with only 1 public building, 5 educational institutions, 35 commercial establishments, 1 health facility, 3 religious centres, and 5 parks, with no graveyards or disposal points. The 5 to 10-kilometer range lacks any facilities entirely, highlighting a critical gap in service coverage for outer areas. This disparity calls for strategic urban planning initiatives to expand infrastructure and services, ensuring equitable access for all residents of MC Mian Channu.

Table 3-33: Accessibility Analysis of Municipal Committee Mian Channu

Range (Distance)	Public Building	Education	Com	Health	Religious	Graveyard	Disposal	Park
2 KM	24	90	909	41	58	6	4	26
2 KM – 5 KM	1	5	35	1	3	0	0	5
5 KM – 10 KM	0	0	0	0	0	0	0	0

Figure 3-20: Accessibility Mapping of Municipal Committee Mian Channu



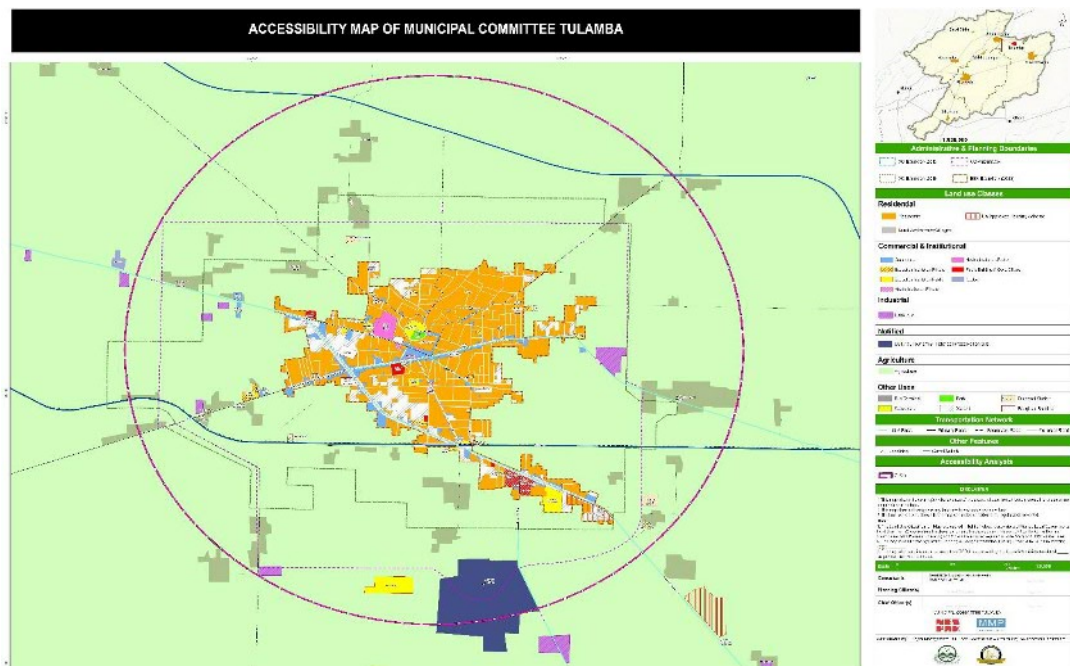
3.5.3.2 Municipal Committee Tulumba

The accessibility analysis of Municipal Committee (MC) Tulumba indicates a centralized distribution of essential services within the 2-kilometer radius, which serves as the main hub of activity. This area includes 14 public buildings, 20 educational institutions, 140 commercial establishments, 12 health facilities, 23 religious centres, 2 graveyards, 1 disposal point, and 1 park. However, beyond this central zone, no facilities are present in the 2 to 5-kilometer or 5 to 10-kilometer ranges, leaving peripheral areas entirely underserved. This centralization highlights a pressing need for urban planning efforts to expand infrastructure and services to outlying areas, promoting equitable access and balanced development across MC Tulumba.

Table 3-34: Accessibility Analysis of Municipal Committee Tulumba

Range (Distance)	Public Building	Education	Com	Health	Religious	Graveyard	Disposal	Park
2 KM	14	20	140	12	23	2	1	1
2 KM - 5 KM	0	0	0	0	0	0	0	0
5 KM - 10 KM	0	0	0	0	0	0	0	0

Figure 3-21: Accessibility Mapping of Municipal Committee Tulamba



3.5.4 Population Projections & Growth Trends (2023-2043)

Population projections for the 2023-2043 planning horizon are based on the 2017 Census data. These projections are used to determine the area requirements for the SDZ Structure Plans and are calculated using the geometric formula.

$$P_n = P_o [1 + (r/100)] ^n$$

Where,

P_o: last known population,

P_n: Projected population after 'n' number of years,

n: number of years between P_o and P_n and,

r: growth rate

3.5.4.1 Population Projection at Municipal Committee Level

In MC Mian Channu, 2017 census population is 118,490. Area of MC Boundary 2013 is 1,249 acres. Hence, the population density of MC Mian Channu is 95 PPA in 2017. Moreover, considering the AAGR of 1.75, the projected population of MC Mian Channu till the project year i.e. 2022, is 129,227. For the plan period 2022-2043, the projected population of MC Mian Channu is 186,027.

In MC Tulamba, 2017 census population is 31,986. Area of MC Boundary 2013 is 1,546 acres. Hence, the population density of MC Tulamba is 21 PPA in 2017. Moreover, considering the AAGR of 1.49, the projected population of MC Tulamba till the project year i.e., 2022, is 34,441. For the plan period 2022-2043, the projected population of MC Tulamba is 46,986.

Table 3-35: Population Projection for Mian Channu (At Municipal Committee Level)

Description	Statistics	
	MC Mian Channu	MC Tulamba
MC Population 2017	118,490	31,986
MC Area (Acres) 2013	1,249	1,546
MC Population Density (PPA) 2017	95	21
Growth Rate (AAGR) 2017-2043	1.75	1.49
Current MC Population 2022	129,227	34,441
Projected MC Population 2043	186,027	46,986

3.5.4.2 Population Projection and Density Analysis at Established Build-up Area Level

The current EBA area of MC Mian Channu is 2452 acres. 2017 EBA population is calculated through 2017 census blocks and remaining blocks, outside MC Boundary 2013, were added into it to get the accurate values. Hence, 2017 EBA Population of Mian Channu is 106,420. Current EBA Population is 116,063. The population is projected till 2022 with Average Annual Growth Rate 2017-2043 i.e., 1.75.

The projected EBA population of MC Mian Channu for 2043 is 167,078. Total addition in population from 2022 to 2043 is 51,014. The current gross density of EBA is 47 persons per acre and net density is 89. As per the desired density for future i.e., planning horizon 2022-2043 i.e., 57, the future population of the EBA would be 139,276. Additional population beyond EBA is 27,801.

The current EBA area of MC Tulumba is 418 acres. 2017 EBA population is calculated through 2017 census blocks and remaining blocks, outside MC Boundary 2013, were added into it to get the accurate values. Hence, 2017 EBA Population of MC Tulumba is 28,500. Current EBA Population is 30,687. The population is projected till 2022 with Average Annual Growth Rate 2017-2043 i.e., 1.49.

The projected EBA population of MC Tulumba for 2043 is 41,865. Total addition in population from 2022 to 2043 is 11,177. The current gross density of EBA is 73 persons per acre and net density is 100. As per the desired density for future i.e., planning horizon 2022-2043 i.e., 88, the future population of the EBA would be 36,825. Additional population beyond EBA is 5,040.

Table 3-36: Population Projection for Mian Channu (At Established Build-up Area Level)

Description	Statistics	
	Mian Channu	Tulumba
Current EBA Area (Acres)	2452	418
EBA Population 2017	106,420	28,500
Annual Average Growth Rate (AAGR) 2017-2043	1.75	1.49
Current EBA Population 2022	116,063	30,687
Projected EBA Population 2043	167,078	41,865
Addition in Population (2022-2043)	51,014	11,177
EBA Current Gross Density (PPA)	47	73
Current Net Density (PPA)	86	100
Desired Population Density (PPA) in Existing EBA (@20% increase)	57	88
Future Population of EBA as per Revised Density	139,276	36,825
Additional Population Beyond EBA (2043)	27,801	5,040

3.5.4.3 Future Site Development Zone (SDZ) Area Requirement in Tehsil Mian Channu

Area requirement for Site Development Zone is calculated for the planning period of 2023 to 2043 which shows in below table.

Table 3-37: Fact Sheet for Proposed Site Development Zones of Tehsil Mian Channu for Plan Period (2023-2043)

Description	Mian Channu	Tulumba
MC Area 2013 (Acres)	1,249	1,546
Area of EBA (2022) Acres	2452	418
Growth Rate	1.75	1.49
Projected EBA Population 2022	116,063	30,687
Projected Population of EBA (2043)	167,078	41,865
Projected Population of MC (2043)	118,490	46,986
EBA population is being used for future area calculation		
Population density of EBA 2022, PPA	47	73
Proposed Increase in Overall Density (2043)	20%	10%
Desired Density 2043, PPA	57	80

Additional Area required for future city population 2043 (Acres)	895	93.19
Area required for higher order infrastructure for rural population/Growth of Rural Areas	516	97.81
Total area required for the city 2043 (Acres)	1411	191
Area available for Infill development (Acres)	592.20	61

3.5.5 Site Development Zone (SDZ) Structure Plan of Municipal Committee Mian Channu

The SDZ Structure Plan of Mian Channu is prepared with transportation (circulation) as a priority to control the overall shape. Several zones are then proposed keeping in view the planning principles and factors outlined in the previous chapter. The distribution of various zones proposed in SDZ Structure Plan are shown in the table below.

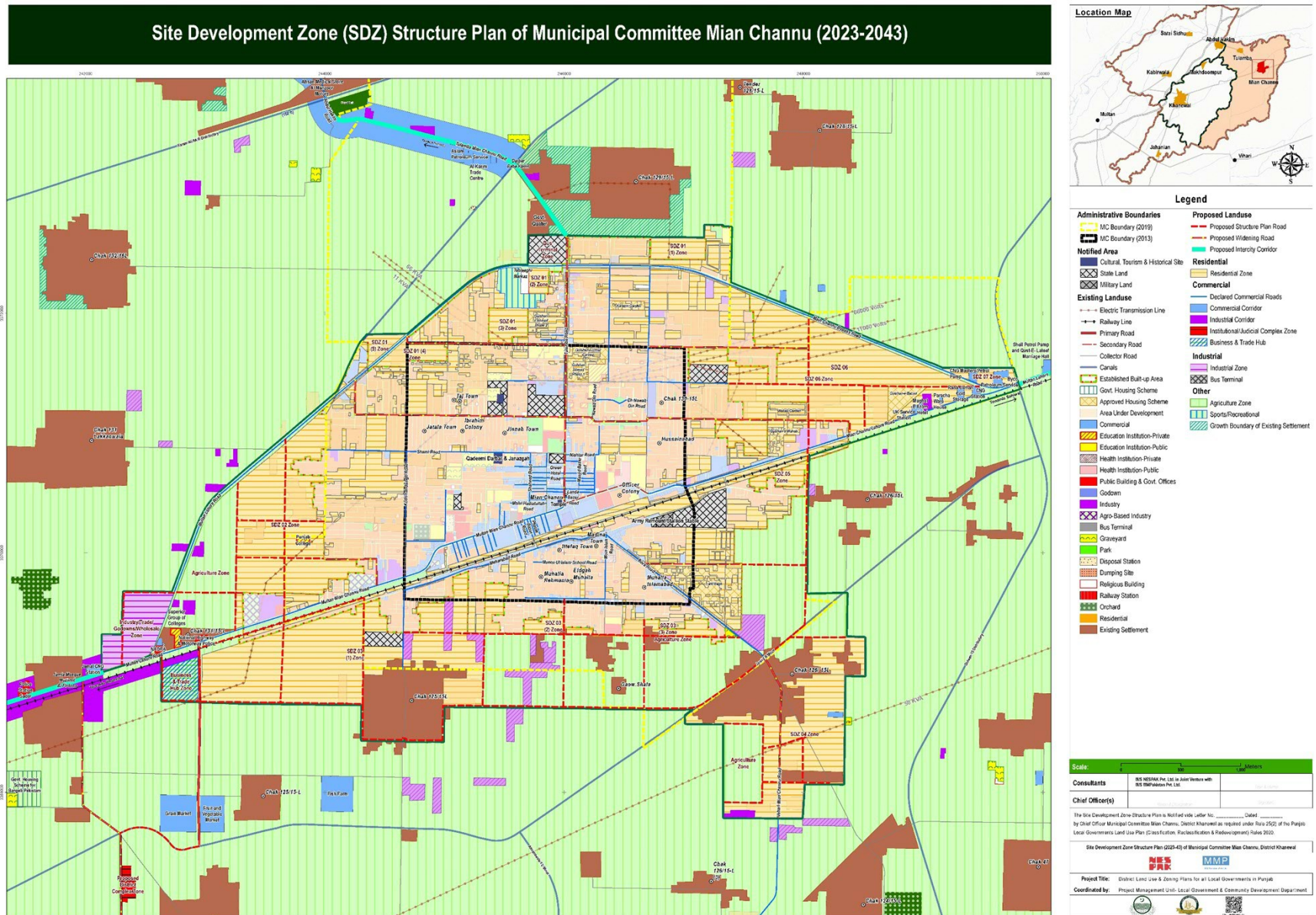
Table 3-38: Proposed Site Development Zones of Municipal Committee Mian Channu

Proposed Site Development Zone	Area (Acres)	Land Use Percentage
Residential Proposed Uses	1282	91.18%
Industrial Proposed Uses	56	3.98%
Other Land Uses	68	4.84%
Total of all zones	1406	100.00%

3.5.5.1 Site Development Zone Proposals Municipal Committee Mian Channu

In MC Mian Channu, a planning boundary has been marked which will give the city a shape and contiguous urban form. Moreover, the site development zone proposals are inside this planning boundary as per the calculated future population and area requirement i.e. 489 acres. Major zones have been proposed outside EBA to accommodate and address the needs of future population. These zones are named as Residential zone, Agriculture Zone, Sports/Recreational Zone, Bus Terminal, Industrial Zone (Trade/Godowns/Wholesale), Treatment Plant and Infill Residential. For connectivity, structure plan roads have been proposed and widening of existing roads has been suggested to address the future traffic load on major and arterial roads of the city. Description of these Site Development Zones in MC Mian Channu is the following:


Map 14: Site Development Zone (SDZ) Structure Plan of Municipal Committee Mian Channu



Residential Zone

In the North East of EBA, residential zone has been proposed within the planning boundary. While in the east, the residential zone has been proposed upside the trade and logistics zone and also has two proposed structure plan roads in it.

Table 3-39: Proposed Residential Zones of Municipal Committee Mian Channu

Land Uses	Area (Acres)	Percentage of the Total Proposed Area	Symbology
Residential Zones	1282	91.18%	


Education/Health institution Zone

Education and Health Institution Zone is proposed along Mian Channu Bypass Road on already preserved government land.

Bus Terminal Zone

On the other side of Mian Channu Road, also opposite to Residential Zone, bus terminal is purposed.

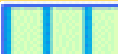
Table 3-40: Proposed Bus Terminal of Municipal Committee Mian Channu

Land Uses	Area (Acres)	Percentage of the Total Proposed Area	Symbology
Bus Terminal	18	1.28%	

Sports and Recreational Zone

The sports and recreational zone is purposed at the entrance of the city through Mian Channu Lahore Road, within the planning boundary. It is along the purposed residential zone, so that the future population's needs must be addressed.

Table 3-41: Proposed Sports/Recreational Zone of Municipal Committee Mian Channu

Land Uses	Area (Acres)	Percentage of the Total Proposed Area	Symbology
Sports and Recreational zone	19	1.35%	

Agriculture Zone

In the South of EBA, within planning boundary, the area has been suggested as purposed agriculture zone that is destined to inculcate agro-based activities in the city.

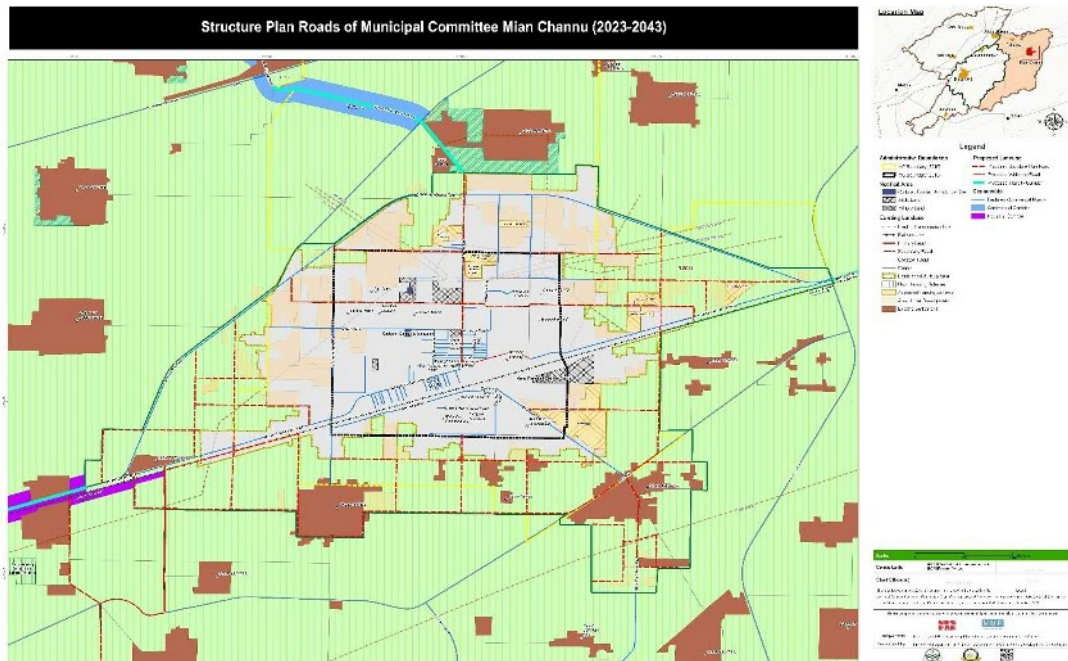
In-Fill Residential Zone

Inside EBA, the major portions of vacant chunks that are either on ground housing schemes or areas along existing built-up areas are the proposed infill residential zones in which the future population would accommodate prior to the development in Site Development Zones.

Proposed Structure Plan Roads

In the northern side, a road has been proposed along the planning boundary from Multan Mian Channu Road to Canal Road. On the upper side of Railway Line, the proposed road is between Mian Channu Multan Road and Mian Channu Bypass. From Satellite Town to Mian Channu Bypass the connectivity is ensured through the proposed road which intersects the proposed road mentioned earlier. In the North East, two roads have been proposed between Mian Channu Lahore Road and Mian Channu Bypass Road.

Figure 3-22: Proposed Structure Plan Roads Municipal Committee Mian Channu



Note: The comprehensive list of Proposed Structure Plan Roads has been provided under section 5.2. of Proposed Roads.

Widening of Existing Roads

Mian Channu-Tulumba Road from planning boundary to Multan Mian Channu road has been purposed for widening purpose. Also, two roads have been marked for widening and up-gradation purpose in along Tulumba Road. Tulmaba Site Development Zone Structure Plan (2023-2043)

The SDZ Structure Plan of Tulmaba is prepared with transportation (circulation) as a priority to control the overall shape. Several zones are then proposed keeping in view the planning principles and factors outlined in the previous chapter. The distribution of various zones proposed in SDZ Structure Plan are shown in the table below.

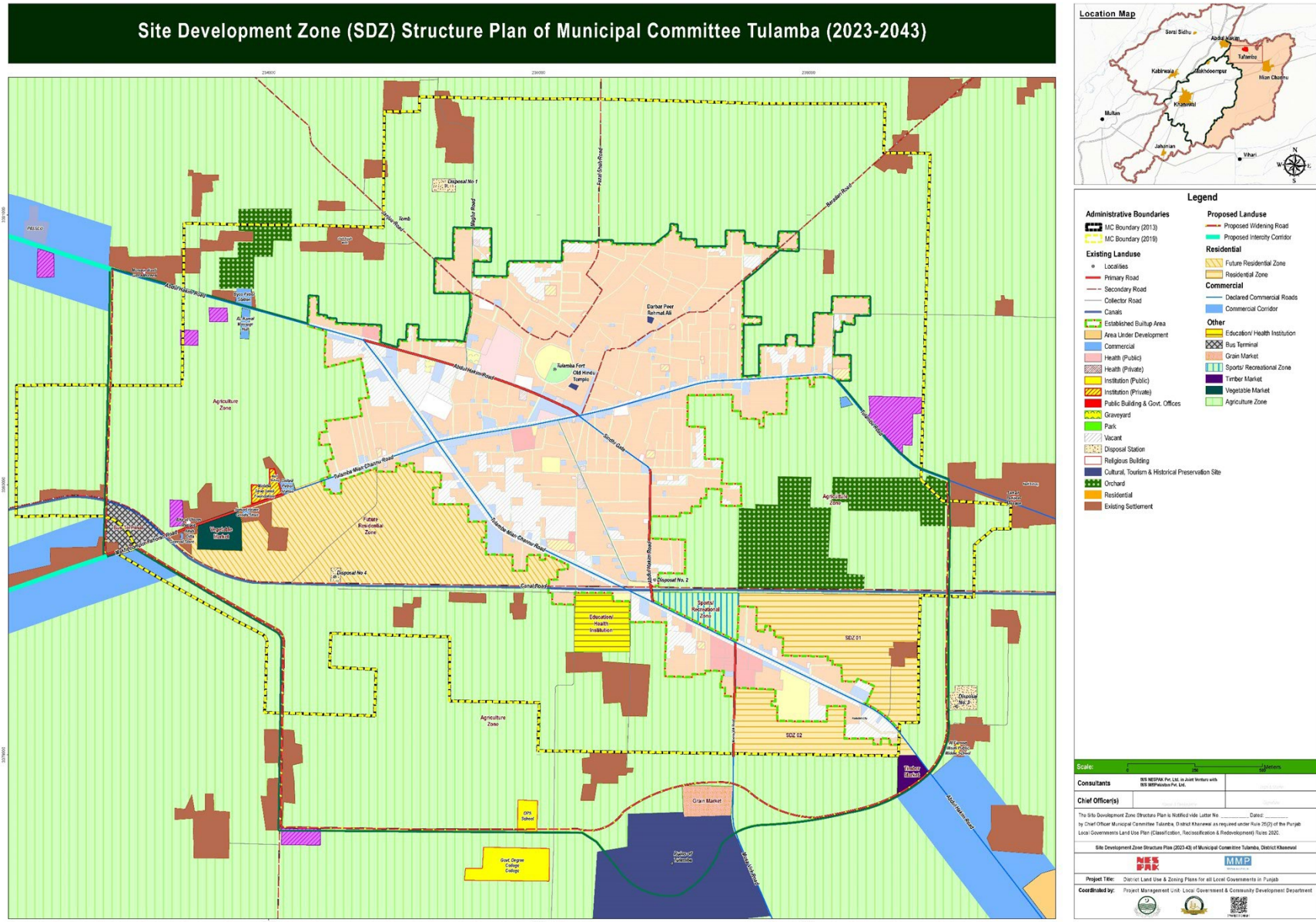
Table 3-42: Proposed Site Development Zones for Plan Period 2023- 2043

Proposed Site Development Zone	Area (Acres)	Land Use Percentage
Residential Proposed Uses	153	80.10%
Commercial Proposed Uses	13	6.81%
Other Land Uses	25	13.08%
Total of all zones	191	100.00%

3.5.6 Site Development Zone (SDZ) Structure Plan of Municipal Committee Tulamba

In MC Tulumba, a planning boundary has been marked which will give the city a shape and contiguous urban form. Moreover, the site development zone proposals are inside this planning boundary as per the calculated future population and area requirement i.e., 57 acres. Major zones have been proposed outside EBA to accommodate and address the needs of future population. These zones are named as Residential Zone, Agriculture Zone, Sports/Recreational Zone, Bus Terminal, Timber Market, Grain Market and Infill Residential. For connectivity, structure plan roads have been proposed and widening of existing roads has been suggested to address the future traffic load on major and arterial roads of the city. Description of these Site Development Zones in MC Tulumba is the following:

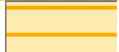
Map 15: Site Development Zone (SDZ) Structure Plan of Municipal Committee Tulamba



Residential Zone

In the South East of EBA, the area between Tulamba Distributary and Planning boundary is residential zone. While in the North West of EBA, the vacant area between Makhdoompur Road and Tulamba Distributary is future residential zone.


Table 3-43: Proposed Residential Zone of Municipal Committee Tulumba

Land Uses	Area (Acres)	Percentage of the Total Proposed Area	Symbology
Residential Zones	153	80%	

Education/Health institution Zone

Education and institutional zone is purposed along Tulumba Distributary adjacent to purposed residential zone.


Table 3-44: Proposed Institutional Zone of Municipal Committee Tulumba

Land Uses	Area (Acres)	Percentage of the Total Proposed Area	Symbology
Health/Education Zones	11	5.76%	

Bus Terminal Zone

Bus terminal is purposed on Makhdoompur Pahoran Road where purposed road, which is also the planning boundary, intersects it. It is the entrance of city which will help in the smooth locomotion of people inside the city.

Table 3-45: Proposed Bus Terminal of Municipal Committee Tulumba

Land Uses	Area (Acres)	Percentage of the Total Proposed Area	Symbology
Bus Terminal	6	3.14%	

Agriculture Zone

In the West of EBA, the portion between Makhdoompur Pahoran Road and Abdul Hakim Road is Agriculture Zone which will be used for agriculture related activities in the future. The same is purposed in the East of EBA within planning boundary as well.

In-Fill Residential Zone

Inside EBA, the major portions of vacant chunks that are either on ground housing schemes or areas along existing built-up areas are the proposed infill residential zones in which the future population would accommodate prior to the development in Site Development Zones.

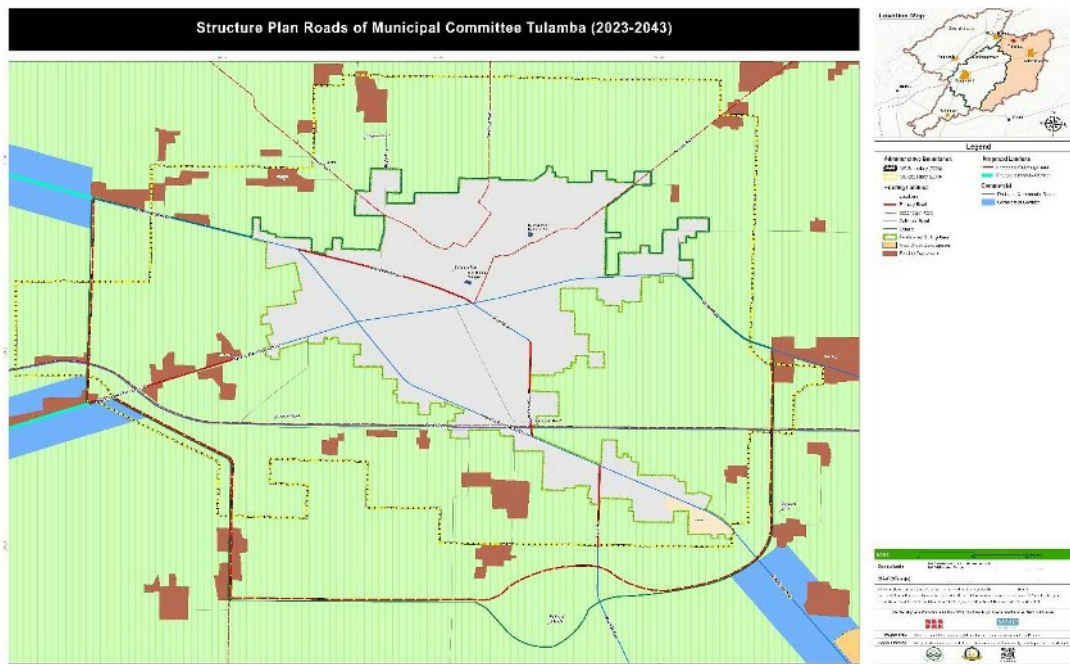
Vegetable and grain market

A vegetable market is purposed on Makhdoompur Pahoran Road which is basically an ODP Proposed market but has not been developed yet. Likewise, a timber market on Tulumba Mian Channu Road and a grain market on Moosa Virk road is purposed.

Proposed Structure Plan Roads

In the South of EBA, From Tulumba Road to Makhdoompur Pahoran Road a road has been purposed which is also the planning boundary. Likewise, from Makhdoompur Pahoran Road to Abdul Hakim Road the structure plan road has been proposed.

Figure 3-23: Proposed Structure Plan Roads of Municipal Committee Tulamba



Note: The comprehensive list of Proposed Structure Plan Roads has been provided under section 5.2. of Proposed Roads.

3.6 Tehsil Jahanian

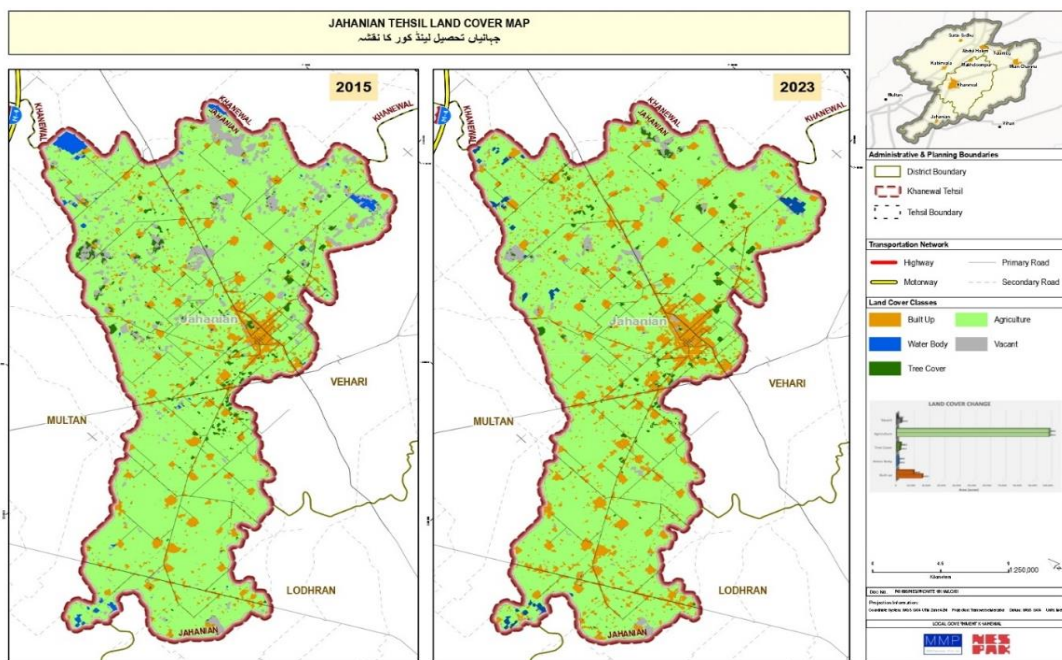
3.6.1 Exploring Past Trends of Land Use Transformation in Tehsil Jahanian

In tehsil Jahanian, the Built-Up area has increased from 10972.14 acres to 16466.87 acres. 16466.87 acres have been added to the previous built-up area land cover. Its increase has been observed majorly in the Eastern side within the tehsil Boundary. Some water bodies are present in the North East direction and some are in South. Total 83.08 acre increase in the water bodies has been observed. 573.33 acres of agricultural land has been lost and current agricultural land cover is 101367.8 acres. 5430.5 acres of vacant land has been occupied and existing vacant land is 2428.36 acres within the MC Boundary.

Table 3-46: Land Cover Analysis of Tehsil Jahanian

Year	2015 (Acres)	2023 (Acres)	Increase/Decrease in Area (Acres)	Percentage
Built up	10972.14	16466.87	5494.73	50%
Water Body	687.41	770.49	83.08	12%
Tree Cover	2359.99	1786.66	-573.33	-24%
Agriculture	100941.9	101367.8	425.9	0%
Vacant	7858.86	2428.36	-5430.5	-69%

Figure 3-24: Land Cover Map of Tehsil Jahanian



3.6.2 Spatial Growth Analysis

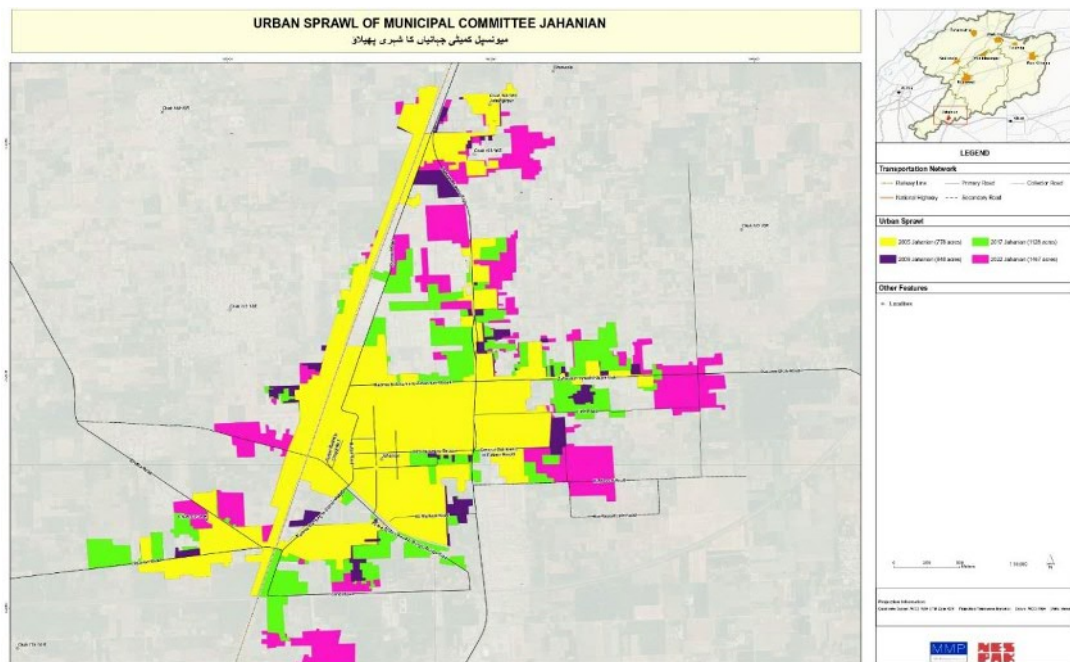
3.6.2.1 Municipal Committee Jahanian

In 2005, Jahanian occupied 778 acres while in 2009 a minimal sprawl along major roads i.e. Lodhran Khanewal Expressway and AL Murtaza Road, was observed which increased the span of urban settlements to 848 acres. In 2022, major sprawl was observed in the North-East and South-East of the previous urban area of 2017. The total urban area has now been increased from 1128 to 1467 acres.

Table 3-47: Spatial Growth Analysis of Municipal Committee Jahanian

Year	Area (Acres)	Increase/Decrease in Area (Acres)	% Increase/Decrease in Area
2005	778	-	-
2011	848	70	8%
2017	1128	280	25%
2022	1467	339	23%

Figure 3-25: Spatial Growth Analysis of Municipal Committee Jahanian



3.6.3 Accessibility Analysis

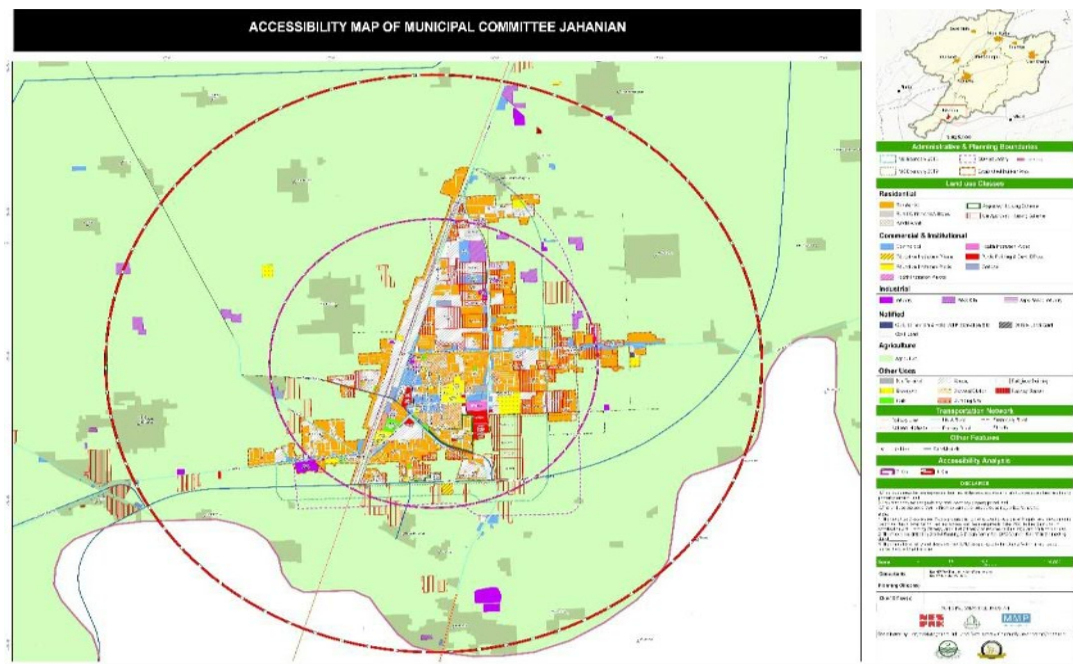
3.6.3.1 Municipal Committee Jahanian

The accessibility analysis of Jahanian highlights a centralized distribution of services within a 2-kilometer radius, serving as the primary hub for essential facilities. This area includes 26 public buildings, 57 educational institutions, 273 commercial establishments, 22 health facilities, 41 religious centers, 4 graveyards, 3 disposal point, and 13 park. However, beyond this central zone, there are no facilities available in the 2 to 5-kilometer or 5 to 10-kilometer ranges, leaving the peripheral areas entirely underserved. This stark centralization underscores the need for strategic urban planning to extend infrastructure and services to the outer regions of Jahanian, ensuring equitable access and fostering balanced development across the area.

Table 3-48: Accessibility Analysis of Municipal Committee Jahanian

Range (Distance)	Public Building	Education	Com	Health	Religious	Graveyard	Disposal	Park
2 KM	26	57	273	22	41	4	3	13
2 KM – 5 KM	0	0	17	0	3	2	0	1
5 KM – 10 KM	0	0	0	0	0	0	0	0

Figure 3-26: Accessibility Mapping of Municipal Committee Jahanian



3.6.4 Population Projections & Growth Trends (2023-2043)

Population projections for the 2023-2043 planning horizon are based on the 2017 Census data. These projections are used to determine the area requirements for the SDZ Structure Plans and are calculated using the geometric formula.

$$P_n = P_o[1 + (r/100)]^n$$

Where,

P_o: last known population,

P_n: Projected population after 'n' number of years,

n: number of years between P_o and P_n and,

r: growth rate

3.6.4.1 Population Projection at Municipal Committee Level

In MC Jahanian, 2017 census population is 43,646. Area of MC Boundary 2013 is 1,301 acres. Hence, the population density of MC Jahanian is 34 PPA in 2017. Moreover, considering the AAGR of 3.00, the projected population of MC Jahanian till the project year i.e., 2022, is 50,598. For the plan period 2022-2043, the projected population of MC Jahanian is 94,127.

Table 3-49: Population Projection for Jahanian (At Municipal Committee Level)

Population Projection for Jahanian (At Municipal Committee Level)	
MC Population 2017	43,646
MC Area (Acres) 2013	1,301
MC Population Density (PPA) 2017	34
Growth Rate (AAGR) 2017-2043	3.00
Current MC Population 2022	50,598
Projected MC Population 2043	94,127

3.6.4.2 Population Projection and Density Analysis at Established Built-up Area Level

The current EBA area of MC Jahanian is 1721 acres. 2017 EBA population is calculated through 2017 census blocks and remaining blocks, outside MC Boundary 2013, were added into it to get the accurate values. Hence, 2017 EBA Population of Jahanian is 41,196. Current EBA Population is 47,757. The population is projected till 2022 with Average Annual Growth Rate 2017-2043 i.e. 3.00.

The projected EBA population of MC Jahanian for 2043 is 88,843. Total addition in population from 2022 to 2043 is 41,085. The current gross density of EBA is 28 persons per acre and net density is 16. As per the desired density for future i.e. planning horizon 2022-2043 i.e. 33, the future population of the EBA would be 57,309. Additional population beyond EBA is 31,534.

Table 3-50: Population Projection for Jahanian (At Established Buil-up Area Level)

Population Projection for Jahanian (At Established Buil-up Area Level)	
Current EBA Area (Acres)	1721
EBA Population 2017	41,196
Annual Average Growth Rate (AAGR) 2017-2043	3.00
Current EBA Population 2022	47,757
Projected EBA Population 2043	88,843
Addition in Population (2022-2043)	41,085
EBA Current Gross Density (PPA)	28
Current Net Density (PPA)	16
Desired Population Density (PPA) in Existing EBA (@30% increase)	36
Future Population of EBA as per Revised Density	57,309
Additional Population Beyond EBA (2043)	31,534

3.6.4.3 Future Area Site Development Zone (SDZ) Area Requirement in Municipal Committee Jahanian

In MC Jahanian, future population as per revised density i.e. 20% increase in density is 57,309. Additional population beyond EBA is 31,534. Area requirement for SDZ beyond EBA up to 2043 is 2,668 acres. Current EBA area is 1721 acres. Physical expansion per year in MC Jahanian is 41 acres. Area requirement for Site Development Zone is calculated through subtracting the current EBA area from the area requirement beyond EBA. Actual area requirement for SDZ in MC Jahanian is 947 acres.

Table 3-51: Fact Sheet for Proposed Site Development Zone Municipal Committee Jahanian for Plan Period (2023-2043)

Fact Sheet for area calculation For Plan Period 2023-2043	
MC Area 2013 (Acres)	1,301
Area of EBA (2022) Acres	1721
Growth Rate	3.00%
Projected EBA Population 2022	47,757
Projected Population of EBA (2043)	88,843
Projected Population of MC (2043)	94,127
EBA population is being used for future area calculation	
Population density of EBA 2022, PPA	28
Proposed Increase in Overall Density (2043)	20%
Desired Density 2043, PPA	36
Additional Area required for future city population 2043 (Acres)	1020.1
Area required for higher order infrastructure for rural population/Growth of Rural Areas	349.9
Total area required for the city 2043 (Acres)	1370
Area available for Infill development (Acres)	492.91

3.6.5 Site Development Zone (SDZ) Structure Plan of Municipal Committee Jahanian

The SDZ Structure Plan of Jahanian is prepared with transportation (circulation) as a priority to control the overall shape. Several zones are then proposed keeping in view the planning principles and factors outlined in the previous chapter. The distribution of various zones proposed in SDZ Structure Plan are shown in the table below.

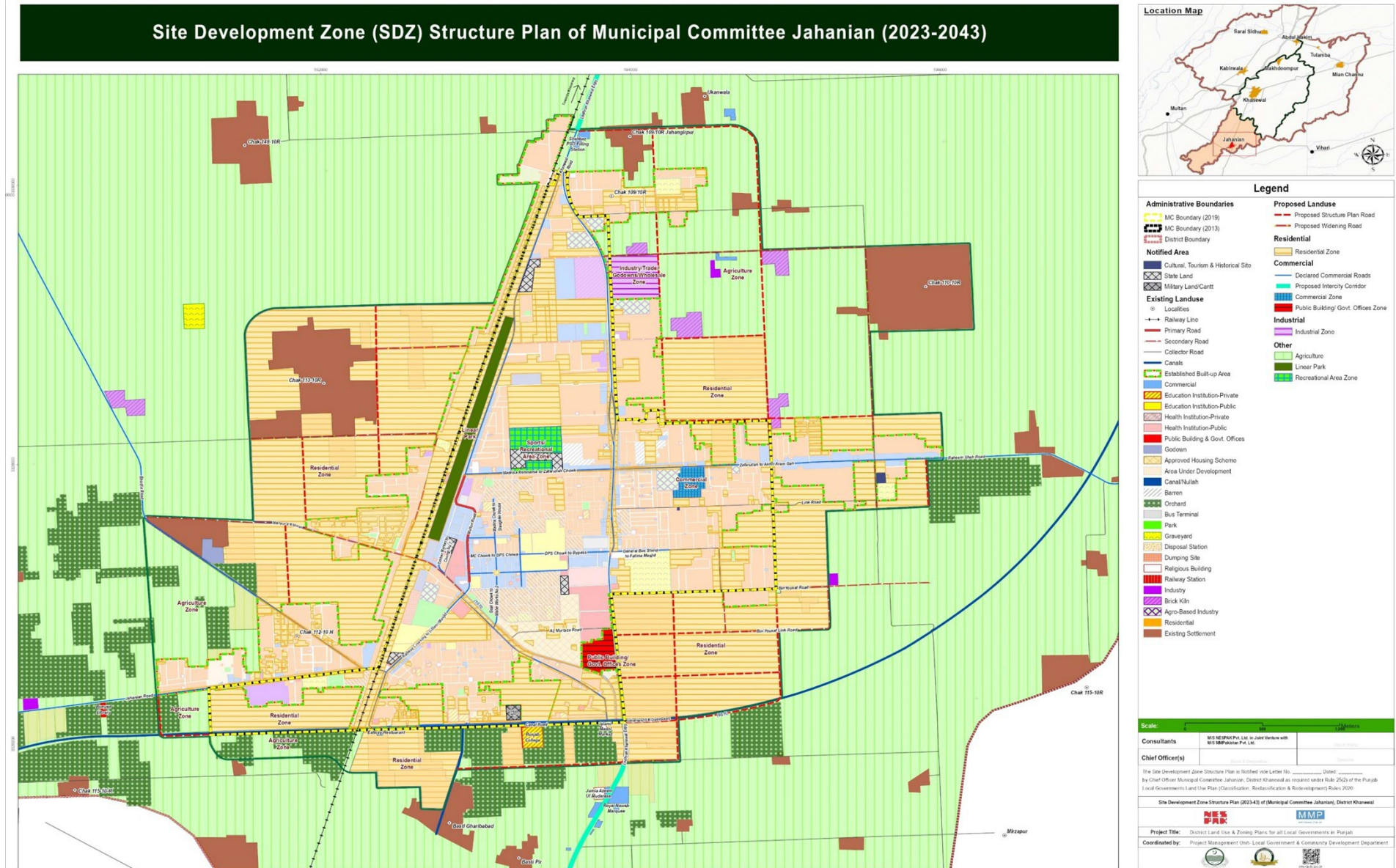
Table 3-52: Proposed Site Development Zones of Munnicipal Committee Jahanian

Proposed Site Development Zone	Area (Acres)	Land Use Percentage
Residential Proposed Uses	1222	86.97%
Commercial Proposed Uses	9	0.64%
Industrial Proposed Uses	25	1.78%
Other Land Uses	67	4.77%
Total of all zones	1405	100.00%

3.6.5.1 Site Development Zone proposals Municipal Committee Jahanian

In MC Jahanian, a planning boundary has been marked which will give the city a shape and contiguous urban form. Moreover, the site development zone proposals are inside this planning boundary as per the calculated future population and area requirement i.e., 947 acres. Major zones have been proposed outside EBA to accommodate and address the needs of future population. These zones are named as Residential zone, Agriculture Zone, Sports/Recreational Zone, Bus Terminal, Industrial Zone (Trade/Godowns/Wholesale), Commercial Zone and Infill Residential. For connectivity, structure plan roads have been proposed and widening of existing roads has been suggested to address the future traffic load on major and arterial roads of the city. Description of these Site Development Zones in MC Jahanian is the following:

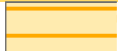
Map 16: Site Development Zone (SDZ) Structure Plan of Municipal Committee Jahanian



Residential Zone

In the North East of EBA, residential zone has been proposed within the planning boundary. Likewise, between Jahanian 10R Distributary area of Rehman City, Pak Faziya, New Jahanian Town and Gulshan e Karachi along with Education/Health Institutions and Sports/Recreational Zone are proposed. In the south of EBA, the vacant areas along canal road are purposed residential zones.

Table 3-53: Proposed Residential Zone Municipal Committee Jahanian

Land Uses	Area (Acres)	Percentage of the Total Proposed Area	Symbology
Residential Zones	1222	86.97%	

Education/Health institution Zone

Education and institutional zone is purposed along Bin Yousuf Link Road adjacent to Sports/Recreational Zone and Residential Zone.

Sports and Recreational Zone

The sports and recreational zone is purposed in the Center of EBA near linear park on multan road.

Agriculture Zone

In the West of EBA, major chunks inside planning boundary are marked as purposed Agriculture Zones. Likewise, the area beyond Jahanian 10R Distributary is also the purposed agriculture zone.

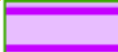
In-Fill Residential Zone

Inside EBA, the major portions of vacant chunks that are either on ground housing schemes or areas along existing built-up areas are the proposed infill residential zones in which the future population would accommodate prior to the development in Site Development Zones.

Industrial Zone

Industrial/Trade/Godowns/Wholesale Zone is purposed in the extension of existing fruit market and godown area. Widening of the adjacent road has also been suggested for better vehicular flow through this zone.

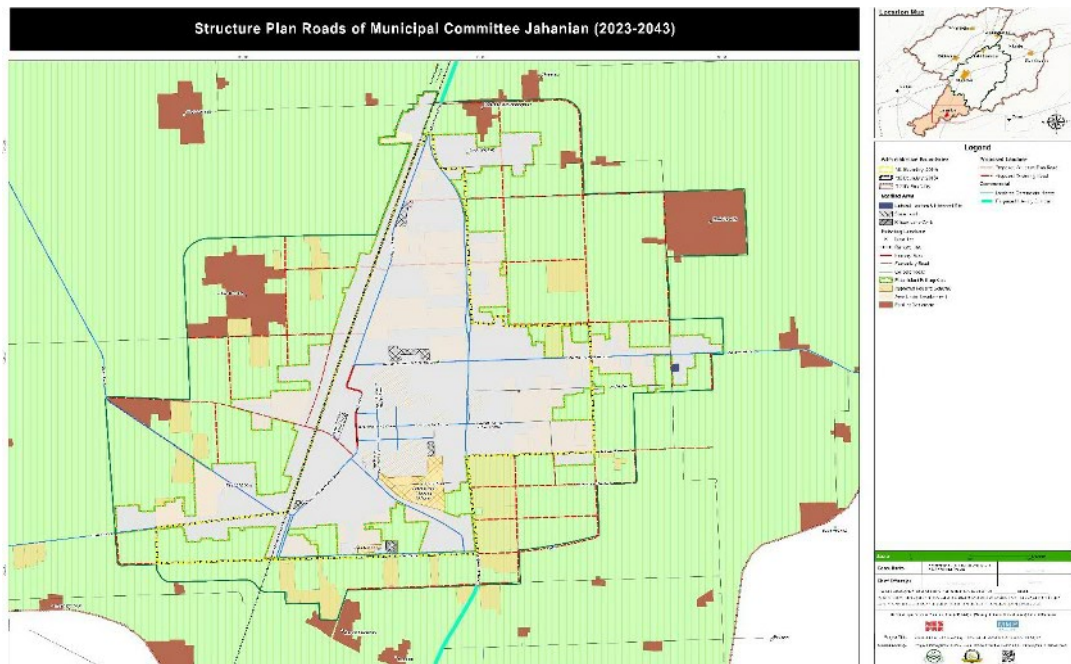
Table 3-54: Proposed Industrial Zones

Land Uses	Area (Acres)	Percentage of the Total Proposed Area	Symbology
Industrial Zones	25	1.78%	

Proposed Structure Plan Roads

From Lodhran-Khanewal Expressway to Jahanian Road the structure plan road has been purposed along planning boundary and Jahanian 10R Distributary. In the North-East side of EBA, two roads have been purposed inside planning boundary at a distance of approximately one kilometer.

Figure 3-27: Proposed Structure Plan Roads of Municipal Committee Jahanian



Note: The comprehensive list of Proposed Structure Plan Roads has been provided under section 5.2. of Proposed Roads.

Widening of Existing Roads

Budhla road, Billo Mor Jahanian Road, road adjacent to Jamia Habiba Razvia, Quaid e Azam Road, Police Station Road and Canal Road have been marked for widening and up-gradation purposes Recommendation

For implementation of Site Development Zones are listed as follows:

- **Overlay of Structure Plan Roads with Revenue Maps:** Section 4: Integrating revenue records with the SDZ structure plan through GIS mapping is crucial for effective urban planning, land management, and identifying roads within specific revenue units. After integrating revenue records with the SDZ structure plan, road segments will be aligned with Section 4 to govern future land transactions within the proposed zones. This integration is essential for guiding future development. The district administration will issue No Objection Certificates (NOCs) to ensure compliance with the plan, maintaining the integrity of the structure plan roads for the next twenty years.
- **Zoning regulations implementation by respective local govt.:** Policy guidelines for proposed zones are discussed in relevant sections of the Site Development Zone. It is proposed that local governments and authorities will develop their implementation frameworks or regulations based on these guidelines. Land Use rules should be reviewed and amended according to the policy guidelines, integrated into the regulations by the respective authorities.
- **Enforcement Measures for LG Department:** The Local Government (LG) department should use satellite surveillance, periodic inspections, and Geographic Information Systems (GIS) to enforce zoning plans effectively. These tools can monitor land use, identify unauthorized constructions, and track changes over time. Additionally, public awareness campaigns, inter-agency collaboration, and a strengthened legal framework with clear penalties will support enforcement and ensure the integrity of urban planning.

REVIEW & INTEGRATION OF DECLARED COMMERCIAL ROADS



CHAPTER 4

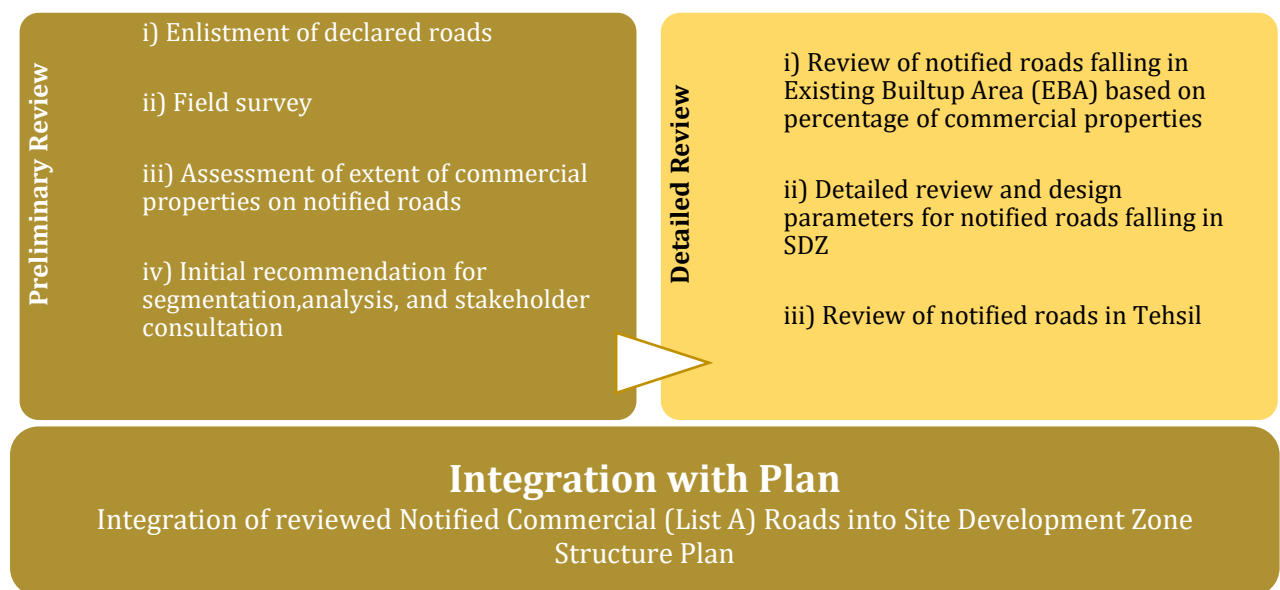
REVIEW & INTEGRATION OF DECLARED COMMERCIAL ROADS

4.1 Process

4.1.1 Review Mechanism for Notified Commercial (List A) Roads

The analysis of the notified roads (List-A) within the study area is organized into a three-stage framework. The first stage involves data preparation and a preliminary review. The second stage conducts a more in-depth examination based on the parameters established in the PLG Land Use Rules 2020. The third stage integrates the roads into SDZ Structure Plan. Each stage is explained in the following sections for clarity.

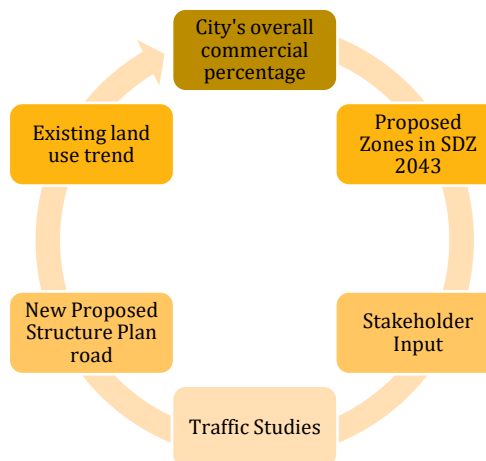
Figure 4-1: Analysis of Notified Commercial (List A) Roads



4.1.2 Review Mechanism for Notified List B roads

All roads where commercialization is frozen will be reviewed to assess their potential for commercialization based on existing land use, proposed land use zones, stakeholder feedback, and findings from the transportation study. Additionally, new linkages proposed in the SDZ Structure Plan will also be evaluated for their potential to serve as commercial roads. The decision to consider List B roads for commercial use and recommend their inclusion in List A results from a comprehensive assessment aimed at balancing economic development with sustainable urban growth. The figure summarizes the methodology used for this review.

Figure 4-2: Review of Notified List B Roads



4.2 Review & Recommendation for Continuation of Commercial Use

The Land Use Plan harmonizes different land uses and ensures a balanced distribution, considering land use suitability factors. Commercial activity is a significant land use that greatly influences urban dynamics and can impact the performance of other urban systems, such as transportation. To manage the spread of commercial activity along city roads, all roads are classified into two categories. The first category, known as List A roads, allows commercial activity, enabling property owners to convert their properties into commercial use after following the proper procedures. The second category, List B roads, prohibits commercial activity, and properties on these roads cannot be converted for commercial use.

The Review of Notified Roads report thoroughly presents the List A roads of Khanewal district, as outlined under Chapter III (Enlistment and Review of Listed Roads) of the Punjab Local Government Land Use Plan (Classification, Reclassification, and Redevelopment) Rules, 2020 - Rule 12.

4.2.1 General Recommendations for Notified Commercial (List A) Roads

- Building Heights may be kept fixed based on Plot Size / Setbacks / Parking requirements etc., where applicable
- Building Line should be fixed irrespective of Plot Size to maintain uniform ROW.
- Commercial Use may be allowed / regularized on Interim Basis (May be for 3 Years). This to be renewed after every three (3) years based on fulfilling predetermined parameters / criteria (Types of Commercial Activity, Building Maintenance, and Parking Standards).
- Commercialization fee may be rationalized based on Existing Commercial Activity, Covered Areas / Parking Provisions. Existing commercial Uses may be regularized based on existing plot size, commercial use and parking parameters.
- Commercialization fees should be implanted as per current Market Value.
- Betterment Fee / Infrastructure Maintenance Fee may be imposed on annual basis.
- Fee being charged should be utilized to develop R.O.W. as per proposed cross section and create additional parking spaces (mechanical/others) within walkable distances.
- Buildings must be completed / finished within specified Construction Period. Incomplete buildings should be liable to pay fine.
- Setbacks of existing & new commercial Buildings should be surrendered by the Owners to be made part of ROW and would be utilized by District Administration for Redesigning of Road Sections.
- Depth of the Property/land to be commercialized should be on the existing Khasra limit which is abutting the Road moreover abutting property/land falling on more than one khasra would be commercialized based upon cut of date of registry as decided by District Administration. For bigger size plots, prevailing Local Building and Zoning regulations shall be applicable.
- Entry/Exit of the plots must be from the Road being declared commercial.
- Parking Lots should be planned along these Roads (Where sites are available).

- Create Uniform Building Line, Defined spaces for traffic circulation, pedestrian movements and Car & Bikes Parking etc.
- Proposed R.O.W as per Traffic and Transportation Plans on List-A roads would be considered for applying setbacks.
- Plinth level of ground floor of all buildings should be same for the ease of access, walkability and aesthetics.
- Once the road has been selected for commercial activity and notified as List A or List B Road. The obligatory condition for NOC regarding EIA/TIA etc. should be waived off.

4.2.2 Suggested Criteria for Converting New Roads as Commercial Use

Following criteria is being considered as basic parameters to declare any Road as Notified List A Road: -

- Existing Commercialization Trend – At Least 40% of the Properties are Commercial
- Road width is sufficient to accommodate future Traffic, Parking, Pedestrian and Utility Loads. Suggested Minimum R.O.W in different zones is as follows:

Table 4-1: Suggested Right of Way of Roads

Sr. No.	Zone Name	Suggested Minimum Road Width for Commercialization
1	Within Core City/ Old City	40 ft
2	Within EBA Limits	60 ft
3	Within Site Development Zone Boundary	80 ft
4	Beyond SDZ Limit/Inter-city corridors	100 ft

However, an additional setback for widening of road (if required) should also be provided as prescribed by District Administration on the approved roads located in the controlled area other than approved schemes.

- Sites may be identified / Developed for the Parking Lots / Plaza along these Roads.
- Traffic Management Plan in CBD should be prepared to improve accessibility of traffic for all modes and parking.
- Notified List-A Commercial roads particularly within EBA limits should have efficient public transport system to reduce traffic load and parking requirements effectively.

Table 4-2: Summary of Notified Commercial (List A) Roads in District Khanewal

MC	List A Roads				ODP Proposed Commercial Roads	List B Roads	Observations/Status
	Total	Inside EBA	Inside SDZ Boundary	Inside Planning Boundary			
Khanewal	76	69	4	3	5	10	<ul style="list-style-type: none"> ■ Most of the Commercial properties along List-A Roads are illegally converted. For example, in MC Khanewal 60%, MC Mian Channu 52% and MC Kabirwala 70% properties along commercial roads are illegally converted. ■ Average ROW of List A roads in core city is 10-20 ft. ■ Parking requirements are not taken into consideration in ROWs of List A roads. ■ Trafficability and other infrastructure requirements have not been given due consideration while notifying List A Road.
Kabirwala	20	18	1	1	-	2	
Jhanian	9	9	-	-	2	-	
Mian Channu	88	85	2	1	3	3	
Tulamba	-	-	-	-	-	-	
Abdul Hakim	-	-	-	-	6	-	

Key highlights from the table mentioned above are:

- In MC Khanewal 76 Roads are in notified list-A while 10 are in List-B roads. Most of the List-A roads are in EBA.
- In MC Kabirwala, notified List-A roads are 20 while 2 are in List B roads.
- In MC Mian Channu, Notified List-A roads are 99 and 3 are in List-B.
- Approximately 60% of the properties along commercial roads are illegally converted.

4.2.3 Discussion on Review of Notified Roads

Following parameters may be considered for assessing the viability of notified List A&B Road

- Categorization of city into various zones as below: -
 - CBD/ Old City/ Core City generally characterized with narrow streets with historical commercial development
 - Existing Built-up Areas mostly characterized with unplanned mixed use development s
 - Major Roads /Arterials which are main traffic corridors generally act as primary routes for intercity and within city movements occupied with new and old emerging commercial plazas
 - Bypass / Ring Road which are traffic thoroughfare to ease out inner traffic pressure and to provide trouble free intercity movements
 - Intercity corridors these are the radials originating from old city area and connecting main city with all surrounding urban centers of the district.
- Separate policies should be adopted for notifying commercial arteries falling under above 5 categories
- The regulation on commercial Roads related to height, setbacks, parking and other requirements should primarily depend upon location of road with relation to proposed density zones, Existing built up areas, Proposed Site Development Zones and Intercity Service Corridors.
- As observed in MC Khanewal and other urban centers of Khanewal district s most of the commercial building falling on List A Roads are illegally converted (overall more than 70%) for which an effective enforcement drive be initiated to regularize these properties.
- District Administration should revisit the trafficability, accessibility and environmental consideration for inner city narrow streets with ROW ranging from 10ft to 30ft. Preferably such historical commercial streets need special attention to convert these into walk able zones only accessible through public transport or one way traffic movement.
- General criteria of commercialization on the roads is divided as;
 - 80ft & above: 20ft setback
 - 60ft to 80ft: 15ft setback
 - Less than 60ft: 10ft setback
- Roads which are in List A and commercialization is less than 30% will be continued in List after site rechecking.
- Inside EBA the commercialization criteria is considerate according to commercialization trends in various MCs, however for inter-city corridors verification is required.
- Minimum building setback should be 10ft (especially in buildings upto 10 marla), for more than one kanal it would be 20ft.

4.3 List of Roads Proposed for Continuation as Commercial Segment

The identified segments from the proposed structure plan roads, as well as the existing roads recommended for commercialization under List-A notification are given in the table below.

■ Municipal Committee Khanewal

Table 4-3: Review of List-A Roads of Municipal Committee Khanewal

Sr. No.	Name of Road	Total Width	Starting Point	Ending Point	Suggested Status of Roads	Existing Restrictions Imposed		
						Building Line	Building Height	Parking Guidelines
1.	Jamia Masjid Ahle-Hadis (Both sides) Between Blocks (11,12,15,16) (Both Sides Notifies)	60ft	Milad e Mustafa Chowk	Stadium Road	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
2.	Zaid plaza Road Between Blocks (12&16,11&15) (Both Sides Notifies)	60 ft	Girls college road	Rana Ikram Chowk	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
3.	Stadium Road (Both sides)	101 ft	Girls college Hostel	Gharib Abad Chowk	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
4.	Sir Syed Road Southern Side	60 ft	Girls college Chowk	Milad-e-Mustafa Chowk	Okay as List A	10ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
5.	Girls college road/ Frooq-e-Azam road (Both sides)	105 ft	Girls college Chowk	Jaswat nager chowk	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
6.	Chak Shahana Road (Both sides)	110 ft	Janglay Wali Kothi	Awan Chowk	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
7.	Zafarullah Khan Road/ Old Khanewal Road (Both sides)	60 ft	Under pass	Old Khanewal/ Lahore more	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
8.	Fazal Shah Road (Left side)	60 ft	T.B Hospital	Passco Godown	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
9.	Pir Siraj Chowk to Gharib Abad chowk Road Between Blocks (9&10,18&14) (Both sides)	60 ft	Pir Siraj Chowk	Gharib Abad chowk	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
10.	Pir Siraj Chowk to RCA Chowk Road (Both sides)	60 ft	Pir Siraj Chowk	RCA Chowk	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
11.	Madina Masjid Chowk to Tariq Abad Chowk (Both sides)	60 ft	Madina Masjid Chowk	Tariq Abad Chowk	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
12.	Bahwalpur/ Jahanian By-Pass-Road (Both sides)	220 ft	Niazi Chowk	Khokhar Abad Chowk	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
13.	RCA Chowk to Liaquat Bazar Road	110 ft	RCA Chowk	Liaquat Bazar	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
14.	Pir Siraj Chowk to Sabzi Mandi Chowk Road Between Blocks (9&5) (Both sides)	60 ft	Pir Siraj Chowk	Sabzi Mandi Chowk	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
15.	Milad-e-Mustafa Chowk to Pir Siraj Chowk (Both sides)	60 ft	Milad-e-Mustafa Chowk	Pir Siraj Chowk	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
16.	Rana Ikram Chowk to Tawor NTC Between Blocks (10&14, Block 13 & 9) (Both sides)	60 ft	Rafique Karyana store	NTC Tawor	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
17.	Saholat Bazar to Stadium Road (Minar Masjid Road) (Both sides)	60 ft	Butt Electrician shop	Tanveer Cycle works minar masjid	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
18.	Janglay Wali Kothi to Hassan Marque Civil Line (Both sides)	40 ft	Haidary Plaza (Empty Plot)	Hassan Marque	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
19.	Darya Faisal Niazi to Subhan Marriage Hall Civil Lines (Both sides)	40 ft	Darya Faisal Niazi	Smart School	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
20.	Chak Shahana Road (Both sides)	110 ft	Office Tehsil Council	Khuda Yar Hospital	Okay as List A			

**DISTRICT LAND USE & ZONING PLANS
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Sr. No.	Name of Road	Total Width	Starting Point	Ending Point	Suggested Status of Roads	Existing Restrictions Imposed		
						Building Line	Building Height	Parking Guidelines
21.	Double Phatak to Daha Chowk Abdul Ghafoor Khan Road (Both sides)	60 ft	Steel works House	Muhammadi Kabariya	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
22.	Khokhar Abad Chowk to Tea Factory Road (Both sides)	60 ft	Rana Jamil Kabariya	tea factory (Municipal Limits)	Okay as List A	-	-	-
23.	Lahore more Chowk to kabirwala road municipal limits (Both sides)	65 ft	Al-Madina Bakers	Al Fazilat Petrol Pump	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
24.	Fazal Shah Road (Both sides)	110 ft	Shell Petrol Pump	Khadi Cloth	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
25.	Stadium Road (Both sides)	60 ft	Muhammad Ameen house	Bismillah Drink Corner	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
26.	Minar Masjid Road (Both sides)	60 ft	Makka Nana Shop	Makki shoes (Minar Masjid)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
27.	Nanak Pur Road (Both sides)	40 ft	Ashraf Lahori Nan Shop 9Railway station)	Rana General store (Municipal Limits)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
28.	Towards Multan N-5 Road (Both sides)	110 ft	(Grid Station Al-Khalil Karyana Store	M.C Limit Nanak pur minor)	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
29.	Jaswat nager chowk to Khokhar Abad Chowk (Both sides)	30 ft	Nirala sweets	Mehbob Hotel (Khokhar Abad Chowk)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
30.	Christian Colony Chowk to Resident Sardar Allah yar Hiraj Civil lines (Both sides)	40 ft	Govt. Girls School	Resident Sardar Allah yar Hiraj	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
31.	Bilali Masjid Road (Both sides)	60 ft	Madina Poshish Maker (Farooq Azam Road)	Romi Gas center (Jahanian By-Pass-road)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
32.	Jahanian Bahawalpur road (Both sides)	110 ft	Ahmad Autos Khokhar Abad Chowk	Metro City (MC Limits)	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
33.	Fazal Park Road (Both sides)	40 ft	New Al – Madina furniture (Stadium Road)	MashaAllah paint store (Chowk Jahanian By-Pass-Road)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
34.	Main Road Chak no. 168/10R (Both sides)	30 ft	Mnzoor Electric Store (Jahanian By-Pass- Chowk)	Foji cycle Works (Chak no. 168/10R)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
35.	Chak Shahana Road (Both sides)	110 ft	(Mitho Bartan Store)	(Lalay da hotel)	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
36.	Ghareeb Nawaz Road (Both sides)	60 ft	Bilal investment (Makki Chowk)	Fraz Medical Store (Chowk Sadiqia Masjid)	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
37.	New Sabzi Mandi Road (Both sides)	60 ft	Al Rehman Autos (Al Rehman Petroleum services)	Khan Petroleum	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
38.	RCA Chowk to Bismillah (South side)	110 ft	Water filtration plant (City Park)	Bismillah Chowk (New Lari adda road)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
39.	Bismillah Chowk to Kamboh Chowk (East sides)	110 ft	Abdul Waheed Building	Jalinder factory	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
40.	Main street Basti Chah Shah (Both sides)	50 ft	Billa G Drink Corner (Sanima road)	Al-Karam Electric store	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee

**DISTRICT LAND USE & ZONING PLANS
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Sr. No.	Name of Road	Total Width	Starting Point	Ending Point	Suggested Status of Roads	Existing Restrictions Imposed		
						Building Line	Building Height	Parking Guidelines
41.	Noor Masjid Road (Both Sides)	40 ft	Sadiqia Masjid	Stadium Road	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
42.	Noor Masjid to Farooq Azam Road (Both Sides)	80 ft	Firoz Dawa khana	Dr. Jahangir Clinic	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
43.	Grid Station to Lahore Road (MC limits)	220 ft	Grid station chowk	Qaiser Petroleum (Municipal limits)	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
44.	Street no 4 Block no 3 (Both sides)	20 ft	Haidary cloth (Faiz Bazar)	Bashir Ahmad Dry cleaner (Jannat Road)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
45.	Street no 5 Block no 3 (Both sides)	10 ft	Mehmood Property (Jannat Road)	Naeem Ahmad property (Faiz bazar)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
46.	Street no 6 Block no 3 (Both sides)	20 Ft	Haji Muhammad Riaz property (Faiz Bazar)	Muhammad Ibrahim electronic (Jannat Road)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
47.	Street no 7 Block no 3 (Both sides)	10 ft	Sada Bahar dahi bhally Sajid Raza (Kalma Chowk)	Akmal & Afzal (Faiz Bazar)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
48.	Block 4 street no 1(Both sides)	10 ft	Muhammad aslam property (Kalma chowk)	Muhammad hassan property (Fareedi Market)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
49.	Block 4 street no 2(Both sides)	20 ft	M. Aslam building (katchery bazar)	Syed Shamshad building (Machli bazar)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
50.	Street no 3 Block no 4 (Both sides)	10 ft	Nadeem manzil (katchery bazar)	Falak sheer building (Machli bazar)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
51.	Street no 4 Block no 4 (Both sides)	20 ft	Altaf Hussain property (katchery bazar)	Imam bux property (Machli bazar)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
52.	Street no 4 Block no 4 (Both sides)	10 ft	Raza tailor Street 2	Abdul Latif parcha property (Akbar bazar)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
53.	Street no 4 Block no 4 (Both sides)	10 ft	Tariq qureshi building (School wali gali)	Afazal Asghar etc. property (katchery bazar)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
54.	Street no 6 Block no 4 (Both sides)	20 ft	Madrassa shop kiyani (katchery bazar)	School wali gali	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
55.	Street school wali block no 4 (south sides)	20 ft	Yousaf park road	Masjid chowk street	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
56.	Machli Bazar (Both sides)	20 ft	Abbas parcha house (Street no 4 Block no 4)	Akbar bazar	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
57.	Fareedi Market	12 ft	General store (Akbar bazar)	Barkat gas wala (Street no 2 Block no 4)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
58.	Block no 8 street no 1 (Both sides)	10 ft	Kalma chowk	Milad-e-Mustafa chowk	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
59.	Block no 8 street no 2 (Both sides)	20 ft	Haji Shokat Ali building (Sir syed road)	Muhammad Iqbal property (katchery bazar)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
60.	Block no 8 street no 1 (Both sides)	10 ft	Sheikh Saeed building	Umair etc property (Sir syed road)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee

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Sr. No.	Name of Road	Total Width	Starting Point	Ending Point	Suggested Status of Roads	Existing Restrictions Imposed		
						Building Line	Building Height	Parking Guidelines
			(katchery bazar)					
61.	Block no 8 street no 2 (Both sides)	20 ft	Abbas kousar (Sir syed road)	Kamran pharmacy (katchery bazar)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
62.	Block no 8 street no 5 (Both sides)	10 ft	Bashir Ahmad building (Sir syed road)	Muhammad adeel building (katchery bazar)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
63.	Block no 8 street no 6 (Both sides)	20 ft	Muhammad Shafique (katchery bazar)	Mezan bank (Sir syed road)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
64.	Block no 7 street no 4 (Both sides)	20 ft	Shangrila bakers (jamia inaytia road)	Tawakel dhaleem (janat raod)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
65.	Block no 7 street no 5 (Both sides)	10 ft	Dua plastic store (janat raod)	Electronics shop (jamia inaytia road)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
66.	Block no 7 street no 6 (Both sides)	20 ft	Ayaz medical store (jamia inaytia road)	Al-ghani mobile(janat raod)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
67.	Block no 7 street no 7 (Both sides)	10 ft	Mian shakeel ahmad building (Kalma chowk)	Hassan karahi (Milad-e- Mustafa chowk)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
68.	Block no 11 street no 3 (Both sides)	20 ft	Moiti fabrics	Jamia inaytia road	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
69.	Block no 12 street no 1 (Both sides)	20 ft	Star plaza	Markaz qomi bachat bank (motor cycle market)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
70.	Block no 12 street no 2	20 ft	Soneri bank	Faysal bank	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
71.	Block no 12 street no 3	20 ft	Sindh bank	Madni motors	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
72.	Block no 12 main chowk (Both sides)	20 ft	City school girls position	Winer fashion	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
73.	Block no 15 street no 3 (Both sides)	20 ft	Dhool house	Mansha sound system	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
74.	Block no 16 street no 1 (Both sides)	20 ft	Al-hilal corporation (stadium road)	Bhutta moters	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
75.	Block no 16 street no 2 (Both sides)	20 ft	Madrassa jamia rehmania	Agah khan lab	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
76.	Block no 16 street no 3 (Both sides)	20 ft	Gillani hospital (stadium road)	Zamarud Hospital (motor cycle market)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee

■ **Review of List B Roads in Municipal Committee Khanewal**

Table 4-4: Review of Notified List B Roads in Municipal Committee Khanewal

Roads/Segments of Roads Frozen & Not Allowed for any Future Commercial Use in Municipal Committee Khanewal.

Sr. No	Name of Road	Starting Point	Ending Point	Total Width	Legally	Illegally	Not Converted	Restriction Imposed
1.	S.P House Chowk to Office Tehsil Council	S.P House Khanewal	Office Tehsil Council Khanewal	110'	0	3	4	Should not be encouraged to notify these roads as List-A. Predominantly the land use is residential or vacant.
2.	Street No. 1 Block No. 3 (Both Sides)	Naeem Building	Asghar Tailor	10'	0	2	56	
3.	Street No. 2 Block No. 3 (Both Sides)	Naeem Building	Bismillah Hotel	20'	0	5	60	
4.	Street No. 3 Block No. 3 (Both Sides)	Locked House	Muhammad Shafiq/ Karim Ud Din Building	10'	0	3	47	
5.	Block No. 7 Street No. 1 (Both Sides)	Muneer Alam Property	Locked House	10'	0	2	24	
6.	Block No. 7 Street No. 2 (Both Sides)	Haji Shahab Ud Din Property	Ch. Sardar Property	20'	0	5	27	
7.	Block No. 7 Street No. 3 (Both Sides)	Rao Liaqat Market	Locked House	10'	0	2	17	
8.	Block No. 11 Street No. 1 (Both Sides)	Usman Abbas Property	Madrissa Albanat Fatima	20'	0	0	27	
9.	Block No 11 Street No. 2 (Both Sides)	Qadeer Brothers	Taj Mahal Hotel	20'	0	6	28	
10.	Block No. 15 Street No. 1 (Both Sides)	Hafsa Laser Center	Multan Furniture	20'	0	1	28	
11.	Block No. 15 Street No. 2 (Both Sides)	Exel Lab	UBL Bank	20'	0	0	27	

■ **Municipal Committee Kabirwala List-A Roads**

Table 4-5: Municipal Committee Kabirwala List-A Roads

Sr. No.	Name of Road	Total Width	Starting Point	Ending Point	Suggested Status of Roads	Existing Restrictions Imposed		
						Building Line	Building Height	Parking Guidelines
1	Bypass Jhang Road From new bus stand to Qita Habib Shah (Both Sides Notified)	110'	New buss Stand	Qita Habib Shah	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
2	Multan Road From Pull Rajbah Kabirwala to Pull Rejbah Mola Pur Multan Road (Both Sides) Notified	99'	Pull Rajbah Kabirwala	Pull Rajbah Multan Road	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
3	Multan Road From Pull Rajbah Kabirwala to Pull Rejbah Mola Pur Multan Road (Both Sides) Notified	55'	Chowk Town Hall	Sui Gas Pipe Line	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
4	Mukhdoom pur Road From Chowk Town Hall to Jamal Oil Mil (Both Sides) Notified	70'	Chowk Town Hall	Jamal Oil Mil	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
5	Sardar Pur Road from Chowk Sardar Pur to Pull Rajbah Mola Pur (Both Sides)	55'	Chowk Sardar Pur	Pull Rajbah Mola Pur	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
6	Kukar Hutta Road From Chowk Sardar Pur to Pull Rajbah Mola Pur (Both sides) Notified	46'	Chowk Sardar Pur	Pull Rajbah Mola Pur	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
7	Katchery Road From Chowk Town Hall to Pull Rajbah Kabirwala (Both Sides) Notified	70'	Chowk Town Hall	Pull Rajbah Kabirwala	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
8	Kanal road From Pull Rajbah Multan Road Kabirwala to Bhutta Waryarn Wala (west Side)	40'	Pull Rajbah Kabirwala	Bhutta Waryarn Wala	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
9	Multan Road From Pull Rajbah Kabirwala to Masood Fabric Multan Road (North Side)	110'	Pull Rajbah Kabirwala	Masood Fabric	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
10	Khanewal Road From Sui Gas Line to FF Industery Both Sides	55'	Sui Gas Pipe Line	Limit Municipal Committee	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
11	Mukhdoom Pur road From Jamal Oil Mil to Road Nabi pur (both sides)	70'	Jamal Oil Mil	Road Nabi pur Stop	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
12	TMA Road (Both Sides)	27'	Rashida Chowk	Kukar Hutta Road	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
13	Rashida Road from Rashida Chowk to Clinic Arif Otra (Both Sides)	33'	Rashida Chowk	Clinic Arif Otra	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
14	Canal Road From Clinic Arif Otra to Pull Rajbah Multan Road (Both Sides)	41'	Cline Arif Otra	Pull Rajbah Multan Road	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
15	Canal Road from Pull Rajbah Multan Road to Pull Rajbah Kukar Hutta Road (Both Sides)	41'	PullRajbah Multan Road	Pull Rajbah Kukar Hutta Road	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
16	MPA Road From Chown Sardar Pur to	40'	Chowk Sardar Pur	Dera Tariq Bashir	Okay as List A	10 ft	G+3	As per byelaws, property owner

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Sr. No.	Name of Road	Total Width	Starting Point	Ending Point	Suggested Status of Roads	Existing Restrictions Imposed		
						Building Line	Building Height	Parking Guidelines
	More Dera Tariq Bashir (Gharbi Side)							has to leave the parking space with fee.
17	Canal Road From Bhutta Waryam Wala to Sui Gass Line (Both Sides)	47'	Bhutta Waryam Wala	Sui Gas Pipe Line	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
18	KPS Road From Bhutta Waryam wala to School KPS (Both Sides)	66'	Bhutta Waryam Wala	School KPS Kabirwala	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
19	Kukar Hutta Road from Pull Rajbah Mola pur to 3 Kassi More (Both Sides)	33'	Pull Rajbah Mola Pur	3 Kassi More	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
20	Gudara Road From Bagi Kothi to Gudrah	16.5'	Bagi Kothi	Gudara	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
21	Kanal road from pull Rajbah Multan Road Kabirwala to Sui Gas Line (East Side)	40'	Pull Rajbah Multan Road	Sui Gas Pipe Line	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
22	Old College Road	16.5'	Old College Stop Jhang Road	Basti Saydan Jhang Road	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
23	AM Garments Street	7'	Short Bazar	Chowk Town Hall	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
24	Bhool Garments Street	7'	Short Bazar	Kashif Hospital	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
25	High School Road (Both Sides)	55'	Chowk Town Hall	Intery Gate	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
26	Koray Wala Road (Both Sides)	16.5'	Jhang Road	Sui Gas Pipe Line	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
27	Peer Kabir Street (Both Sides)	16.5'	Shahar More	Jhang Road	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
28	Eid Gah Road (Both Sides)	20'	Khanewal Road	Multan Road	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
29	Qitta Budhana Road (Both Sides)	16.5	Khanewal Road	Qitta Budhana	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
30	Bye Pass Road (Both Sides)	55'	Jhang Road Qitta Habib Shah	Rajbah Chadhran Wala	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.

■ **Municipal Committee Jahanian List A Roads**

Table 4-6: Municipal Committee Jahanian List-A Roads

Sr. No.	Name of Road	Total Width	Starting Point	Ending Point	Building Height/No. of stories	Parking Guidelines	Suggested Status of Roads
1.	Maryala to 174/10R	110ft	Jangal Maryala	174/10R	G+4	As per byelaws, property owner has to leave the parking space with fee.	Okay As List A
2.	Raheem Shah Road	110ft	Rashid Abad	Kamran Shah Chwok	G+4	As per byelaws, property owner has to leave the parking space with fee.	Okay As List A
3.	Multan Vehari Road	110 ft	Daraman Wala	Pul Sukh Biyas	G+4	As per byelaws, property owner has to leave the parking space with fee.	Okay As List A
4.	Dunya Pur Multan Road	110 ft	Rahima Chwok	Shah Junaid	G+4	As per byelaws, property owner has to leave the parking space with fee.	Okay As List A
5.	Bhudla Road	66 ft	Chwok 112/10R	Chowk 115/10R	G+3	As per byelaws, property owner has to leave the parking space with fee.	Okay As List A
6.	Thatha Road	66 ft	Pull 114/10R	Pull 132/10R	G+3	As per byelaws, property owner has to leave the parking space with fee.	Okay As List A
7.	Canal Road	110 ft	Railway Crossing	Super Highway Road	G+4	As per byelaws, property owner has to leave the parking space with fee.	Okay As List A
8.	Pull 14/10R to Jahanian	110 ft	Chwok 112/10R	Pull 114/10R	G+4	As per byelaws, property owner has to leave the parking space with fee.	Okay As List A
9.	Khanewal Road	110 ft	Pull Sukh Biyas	Boundary TC Jahanian	G+4	As per byelaws, property owner has to leave the parking space with fee.	Okay As List A

■ **Municipal Committee Mian Channu Notified List-A Roads**

Table 4-7: Municipal Committee Mian Channu Notified List-A Roads

Sr. No.	Name of Road	Total Width	Starting Point	Ending Point	Suggested Status of Roads	Existing Restrictions Imposed		
						Building Line	Building Height	Parking Guidelines
1	G.T Road Both sides (T.chwok to Tariq ice Factory)	110ft	T.chwok	Tariq ice Factory	Okay as List A	30 ft	G+6	As per byelaws, property owner has to leave the parking space with fee
2	G.T Road Both sides (Cenima road to leader college)	100ft	Cenima road	leader college	Okay as List A	10 ft	G+6	As per byelaws, property owner has to leave the parking space with fee
3	Talumba road left side (Grid station to Girls college)	110ft	Grid station	Girls college	Okay as List A	30 ft	G+6	As per byelaws, property owner has to leave the parking space with fee
4	Nistar road both sides (Sheeren Mehal to Tulamba Road)	80ft	Sheeren Mehal	Tulamba Road	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
5	Boora road both sides (Daud Masjid to Latif Bage)	110ft	Daud Masjid	Latif Bage	Okay as List A	30 ft	G+6	As per byelaws, property owner has to leave the parking space with fee
6	Boora road right side (Naaz Cenima to Street No.9)	80ft	Naaz Cenima	Street No.9	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
7	Liaqut Road bot to Payaam-e-Iqbal school)	40ft	Liaqut Road	Payaam-e-Iqbal school)	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
8	Shaheed road both sides (Shami road to Molvi Hadayatullah Road)	40ft	Shami road	Molvi Hadayatullah Road	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
9	Allama Iqbal Road Right side (Shami Road to Muslim leage Chwok)	60ft	Shami Road	Muslim leage Chwok	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
10	Jinnah Bazar both sides (Moti Plaza to shaheen Chwok)	40ft	Moti Plaza	shaheen Chwok	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
11	Masjid Bazar both sides (Nishter Road to Jinnah Chwok)	40ft	Nishter Road	Jinnah Chwok)	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
12	Khalid Bin Waleed Road both sides (Shaheed road to Nawab colony)	40ft	Shaheed road	Nawab colony	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
13	Moin-ul-islam Road both sides (Bura Chwok to Water works Chwok)	30ft	Bura Chwok	Water works Chwok	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
14	Phatak bazar both sides (GT road to Railway line)	28ft	GT road	Railway line	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
15	Moti bazar both sides (Circular road to Rail Bazar)	20ft	ircular road	Rail Bazar	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee

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Sr. No.	Name of Road	Total Width	Starting Point	Ending Point	Suggested Status of Roads	Existing Restrictions Imposed		
						Building Line	Building Height	Parking Guidelines
16	Crescent bazar both sides (Street #2 block 5 to Masjid Bazar)	20ft	Street #2 block 5	Masjid Bazar	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
17	Bano bazar both sides (Masjid bazar to tulamba road)	20ft	Masjid bazar	Tulamba road	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
18	Landa bazar both sides (Tulamba road to Rail Bazar)	20ft	Tulamba road	Rail Bazar	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
19	Dakhana bazar both sides (Circular road to Rail bazar)	20ft	Circular road	Rail bazar	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
20	St#2 block# 7 both sides (Tulamba road to Allama Iqbal road)	20ft	Tulamba road	Allama Iqbal road	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
21	St#3 block#7 both sides (Tulamba road to Allama Iqbal road)	20ft	Tulamba Road	Allama Iqbal Road	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
22	Faisal Market both sides (GT road to Khalid Moters	25ft	GT Road	Khalid Moters	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
23	Johar road both sides (GT road to Railway line)	46ft	GT Road	Railway Line	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
24	Shadab Market both sides(GT road to Railway line)	25ft	GT Road	Railway Line	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
25	Str.Meet Market both sides (tulamba road to Allama Iqbal road)	20ft	Tulamba Road	Allama Iqbal Road	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
26	Str.Lasani wali both sides (GT road to Railway road)	20ft	GT Road	Railway Line	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
27	Str.Mian Channu Atous both sides (GT road to railway road)	20ft	GT Road	Railway Line	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
28	Str.Abdul Kareem Asi both sides (GT road to Akram Buttah house)	30ft	GT Road	Akram Buttah House	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
29	Opp Str.Wapda office both sides (GT road to azam bodla road)	30ft	GT Road	Azam Bodla Road	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
30	Str. Loha bazar both sides (GT road to Azam bodla road)	30ft	GT Road	Azam Bodla Road	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
31	Bilal town Str#1 both sides (GT road to Azam bodla road)	30ft	GT Road	Azam Bodla Road	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
32	Bilal town Str#2 both sides (GT road to Azam bodla road)	30ft	GT Road	Azam Bodla Road	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
33	M.Aghani colony Str#1 both sides (GT road to Azam bodla road)		GT Road	Azam Bodla Road	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
34	M.Aghani colony Str#2 both sides (GT road to Doger house)	30ft	GT Road	Dogar House	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
35	M.Aghani colony str#3 both sides (GT road to Azam bodulla road)	30ft	GT Road	Azam Bodla Road	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
36	M.Aghni colony str#4 both sides (GT road to law Associates house)	20ft	GT Road	Associate House	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
37	M.Aghani colony Str.#5 both sides (GT road to Masjid-e-Umer)	20ft	GT Road	Masjid e Umar	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
38	Eidgah road both sides (Chowk Moin-ul-Islam to Bahu oil mil road)	20ft	Chowk Moin ul Islam	Bahu Oil Mil Road	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
39	Moin-ul-islam Road both sides (Mohallah Rehmania str.#1 to Ittifaq town Str#14)	20ft	Mohalla Rehmani an St# 01	Ittifaq Town ST#14	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
40	Bahu oil mil road both sides (Boora road to bahu jaan colony)	20ft	Boora Road	Bahu Jaan Colony	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
41	Boora road both sides (Masjid Mohallah islamabad to pull 126/15L))	110ft	Majid Mohalla Islamabad	Pull 126/15L	Okay as List A	30 ft	G+6	As per byelaws, property owner has to leave the parking space with fee
42	Mehar Abad road both sides (Railway gate to Mor 125 jandy wala)	40ft	Railway Gate	125 jandy wala	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
43	25 Jhandy wall bith sides (Mehar abad road to Boundary urban area)	25ft	Mehar Abad road	Boundary Urban area	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee

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Sr. No.	Name of Road	Total Width	Starting Point	Ending Point	Suggested Status of Roads	Existing Restrictions Imposed		
						Building Line	Building Height	Parking Guidelines
44	Shami road both sides (istadium gate to jinnah town str#3)	25ft	sadium gate	jinnah town st#03	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
45	Shami road both sides (Jinnah town str# to Ibrahim colony str#15)	25ft	jinnah town st#2	ibrahim colony st#15	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
46	Shami road both sides (Faisal masjid to Kothi Nand singh road)	25ft	Faisal Masjid	Kothi Nand Singh Road	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
47	Lakan wala road both sides (Kothi Nand singh road to Boundry urban area)	25ft	Kothi Nand Singh Road	Boundry Urban Area	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
48	Darbar road both sides (Jinnah town str#1 to Rahman city Gate)	20ft	Jinnah Town st#1	Rahman City Gate	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
49	Graveyard Road both sides (Elahi bux colony to Graveyard 130/15L)	20ft	Elahi Bux Colony	Graveyard 130/15L	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
50	Nawab Din road both sides (Tulamba road to park)	20ft	Tulamba Road	Park	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
51	Bypass Road Both sides (Pull 15-L to Sohna Chwok)	220 ft	Pull-15L	Sohna Chowk	Okay as List A	30 ft	G+6	As per byelaws, property owner has to leave the parking space with fee
52	G.T. Road Left sides (leader college to Pull 15-L)	110 Ft	Leader College	Pull 15-L	Okay as List A	30 ft	G+6	As per byelaws, property owner has to leave the parking space with fee
53	Mushtaq Colony Road	30 ft	Govt. Muslim High School	W.F Plant Mushtaq Colony	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
54	Nawab Din road both sides	20 ft	GT Road	Gallah Godam	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
55	Gt Road Both sides (Tariq Ice Factory to Bodla House Road)	110ft	Tariq Ice Factory	Bodla House Road	Okay as List A	30 ft	G+6	As per byelaws, property owner has to leave the parking space with fee
56	Koti Nand Singh Road Both Sides	20 ft	Lakan Wala Road	Johar Town St#03	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
57	Koti Nand Singh Road Left side	40 Ft	Justice Iftikhar Road	W.F Plant Kothi Nand Singh	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
58	Justice Iftikhar Road left side	30 ft	Disposal Station	Chamrang Basti	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
59	Islamia College Road Both sides	50 ft	GT Road	Islamia College	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
60	ST. Shafiq Ansari Both sides	20 ft	Circular road	masjid bazar	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
61	Block#2 st #2 both sides	20ft	Circular road	masjid bazar	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
62	Block 2 st. Apna Kitab Ghar both sides	20ft	Circular road	masjid bazar	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
63	Block#2 st#1 both sides	20ft	Circular road	masjid bazar	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
64	block #5 st#1 both sides	20ft	Tulamba Road	masjid bazar	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
65	Str. Wain wali both sides	20ft	Tulamba Road	masjid bazar	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
66	Block#10 str. Green hotel	20ft	Tulamba Road	masjid bazar	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
67	Block#17 str. New Anarkali Both sides	20ft	Tulamba Road	Allama Iqbal Road	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
68	Molvi hadayatUllah Road Both sides	60ft	Allama Iqbal Road	Wain Marriage Hall	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
69	Block#10 str.#1 Both sides	20ft	Allama Iqbal Road	Shaheed Road	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
70	Block#10 Str.#2 Both sides	20ft	Allama Iqbal Road	Shaheed Road	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
71	Block#10 Str.#3 Both sides	20ft	Allama Iqbal Road	Shaheed Road	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
72	Block#10 Str.#4 Both sides	20ft	Allama Iqbal Road	Shaheed Road	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee

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Sr. No.	Name of Road	Total Width	Starting Point	Ending Point	Suggested Status of Roads	Existing Restrictions Imposed		
						Building Line	Building Height	Parking Guidelines
73	Block#11 Str.#4 Both sides	20ft	Allama Iqbal Road	Shaheed Road	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
74	Block#11 Str.#1 Both sides	20ft	Allama Iqbal Road	Shaheed Road	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
75	Block#11 Str.#2 Both sides	20ft	Allama Iqbal Road	Shaheed Road	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
76	Tulamba Road Both sides	110 ft	Chungi	Bypass Road	Okay as List A	30 ft	G+6	As per byelaws, property owner has to leave the parking space with fee
77	Tulamba Road Both sides	110 ft	By-pass	Pull Ghrat	Okay as List A	30 ft	G+6	As per byelaws, property owner has to leave the parking space with fee
78	Manwar Town Both sides	30ft	Tulamba Road	Gareeb Abad	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
79	Anarkali Bazar Both Sides	20ft	Tulamba Road	Masjid Bazar	Okay as List A	5 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
80	Umair Town Road Both sides	25ft	GT Road	Sanpal Sadiq House	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
81	Chak 129/15-L Road Both Sides	33ft	D.P.S Road	Bypass Road	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
82	Makkah Madina Town Street#1 Both sides	25ft	Tulamb Road	Green Fort	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
83	Makkah Madina Town Street#2 Both sides	25ft	Tulamb Road	Saeed Medicare	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
84	Makkah Madina Town Street#3 Both sides	25ft	Tulamb Road	Gulshan-e-Ahmed Fasell	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
85	128/15-L Road Both sides	33ft	gallah godown	By-pass	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
86	Circular Road Both Sides	60ft	GT Road	Shireen Mehal Bakres	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
87	Boora Road Both Sides	80ft	Mohalla Rehmani an St# 09	Boora Chowk	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee
88	128/15-L Road Both sides	25ft	Gallah Godown	Allah Ditta Cold Store	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee

■ **List A Road Municipal Committee Tulamba**

Table 4-8: List A Road Municipal Committee Tulamba

Sr. No.	Name of Road	Total Width	Starting Point	Ending Point	Suggested Status of Roads	Existing Restrictions Imposed		
						Building Line	Building Height	Parking Guidelines
1.	Makhdoompur Pahoran Road	110ft	Go petrol pump	Adda No 2	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
2.	Abdul Hakeem Mian Channu	110ft	Chongi No 1	Sadiq Filing Station	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
3.	Sindhi Gate Road	20ft	Chowk Mamu Sher	Rahmat Colony Morr	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.

■ **List A Road Municipal Committee Abdul Hakim**

Table 4-9: List A Road Municipal Committee Abdul Hakim

Sr. No.	Name of Road	Total Width	Starting Point	Ending Point	Suggested Status of Roads	Existing Restrictions Imposed		
						Building Line	Building Height	Parking Guidelines
1.	Multan Road Abdul Hakim Both sides (notified)	70ft	T-Chowk	Rajbah Darham Pur	Okay as List A	30 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
2.	Tulamba Road Abdul Hakim Right Side (Notified)	48ft	T-Chowk	Anayat Petroluem	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
3.	Tulamba Road Abdul Hakim Both Sides	48ft	Anayat Petroluem	Limit of TC	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
4.	Kacha Khuh Road Abdul Hakim both sides	60ft	Ghosia Chowk	Chowk Bypass	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
5.	Katcha Khu Road Abdul Hakim Both Sides	60ft	Chowk Bypass	Limit of Tc	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
6.	Faislabad Road Abdul Hakim Left Side (Banned)	40ft	Ghosia Chowk	Mor Chak Waraichan	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
7.	Faislabad Road Abdul Hakim Both Side	60ft	Mor Chak Waraichan	Limit of TC	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
8.	Bypass Road Abdul Hakim Both Sides	77ft	Katcha Khuh Road	Limit of TC	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
9.	Darbar Road Abdul Hakim Boh Sides	20ft	Multan Road	Bypass Milad Chowk	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
10.	Street Tehsil Wali Abdul Hakim	16ft	multan road	Jinnah Colony	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
11.	Thana Road Abdul Hakim Both Sides	40ft	Multan Road	Thana Abdul Hakim	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
12.	Jinnah Park Road Abdul Hakim Both Sides	20ft	Thana	Jinnah Park	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
13.	Ghalia Godam Road	40ft	Multan Road	Masjod Ahl e Hadees	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
14.	Choori Bazar Abdul Hakim Both Sides	10ft	Rail Bazar	Al-Makkah Market	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
15.	Hospital Road Abdul Hakim Both Sides	20ft	Multan Road	Civil Hospital	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.
16.	High School Road Abdul Hakim Both Sides	20ft	Multan Road	Boys High School	Okay as List A	10 ft	G+3	As per byelaws, property owner has to leave the parking space with fee.

■ **List A Road Makhdoompur Pahoran**

Table 4-10: List A Road Makhdoompur Pahoran

Sr. No.	Name of Road	Total Width	Starting Point	Ending Point	Suggested Status of Roads	Existing Restrictions Imposed		
						Building Line	Building Height	Parking Guidelines
1	Tulamba Road	66ft	New Eid Gah	Pull Hamid Shah Wali	Okay as List A	10 ft	G+2	As per byelaws, property owner has to leave the parking space with fee.
2	Din Pur Road	33ft	Chowk Din Pur Mode	Pul Sayedan wali (TC Limit)	Okay as List A	10 ft	G+2	As per byelaws, property owner has to leave the parking space with fee.
3	Hospital Road	33ft	Purana Lari Adda	Pull # 07	Okay as List A	10 ft	G+2	As per byelaws, property owner has to leave the parking space with fee.
4	Old Eid Gah Road	16.50ft	Shamem Shaheed Road	Kothi Khuda Dad Wali	Okay as List A	10 ft	G+2	As per byelaws, property owner has to leave the parking space with fee.
5	Railway Road	33ft	Pull # 07	Railway Station (T.C Limit)	Okay as List A	10 ft	G+2	As per byelaws, property owner has to leave the parking space with fee.
6	Police Station Road	33ft	Pull # 07	Police Station Makhdoompur	Okay as List A	10 ft	G+2	As per byelaws, property owner has to leave the parking space with fee.
7	Khanewal Road	66Ft	Bus Stand	Bagh Mumtaz Sahu	Okay as List A	10 ft	G+2	As per byelaws, property owner has to leave the parking space with fee.
8	Kabirwala Road (South Side)	66Ft	Bus Stand	Oppt. Noor Ul Huda School/Balochian Wala	Okay as List A	10 ft	G+2	As per byelaws, property owner has to leave the parking space with fee.
9	Town Committee Road	16.50 ft	Chongi # 05	Chowk Gujjaran Wala	Okay as List A	10 ft	G+2	As per byelaws, property owner has to leave the parking space with fee.

■ **List A Road Sarai Sidhu**

Table 4-11: List A Road Sarai Sidhu

Sr. No.	Name of Road	Total Width	Starting Point	Ending Point	Suggested Status of Roads	Existing Restrictions Imposed		
						Building Line	Building Height	Parking Guidelines
1	Bagar Road	55ft	Lari Adda Chowk	Nasir Bhatta	Okay as List A	30 ft	G+2	As per byelaws, property owner has to leave the parking space with fee.
2	Fazal Shah Road	55ft	Lari Adda Chowk	Fatima Hospital	Okay as List A	30 ft	G+2	As per byelaws, property owner has to leave the parking space with fee.
3	Choparhatta Road	55ft	Lari Adda Chowk	Bhatta Asif	Okay as List A	30 ft	G+2	As per byelaws, property owner has to leave the parking space with fee.
4	Iqbal Kaleem Road	55ft	Lari Adda Chowk	Darya Ravi	Okay as List A	30 ft	G+2	As per byelaws, property owner has to leave the parking space with fee.
5	Thana Road Quid e Azam Road	55ft	Lari Adda Chowk	Dukan Dr Ahad Shah	Okay as List A	30 ft	G+2	As per byelaws, property owner has to leave the parking space with fee.
6	London Colony	55ft	Thana	Talib Plot	Should not be continued as List A	30 ft	G+2	As per byelaws, property owner has to leave the parking space with fee.
7	Eid Ghah Road	20ft	Dukan Khalid Ghani	Dukan Dr Iqbal	Okay as List A	30 ft	G+2	As per byelaws, property owner has to leave the parking space with fee.
8	Gulshan Satar	20ft	Rao Talib	Town Committee	Okay as List A	30 ft	G+2	As per byelaws, property owner has to leave the parking space with fee.

DISTRICT LAND USE AND ZONING PLAN



CHAPTER 5

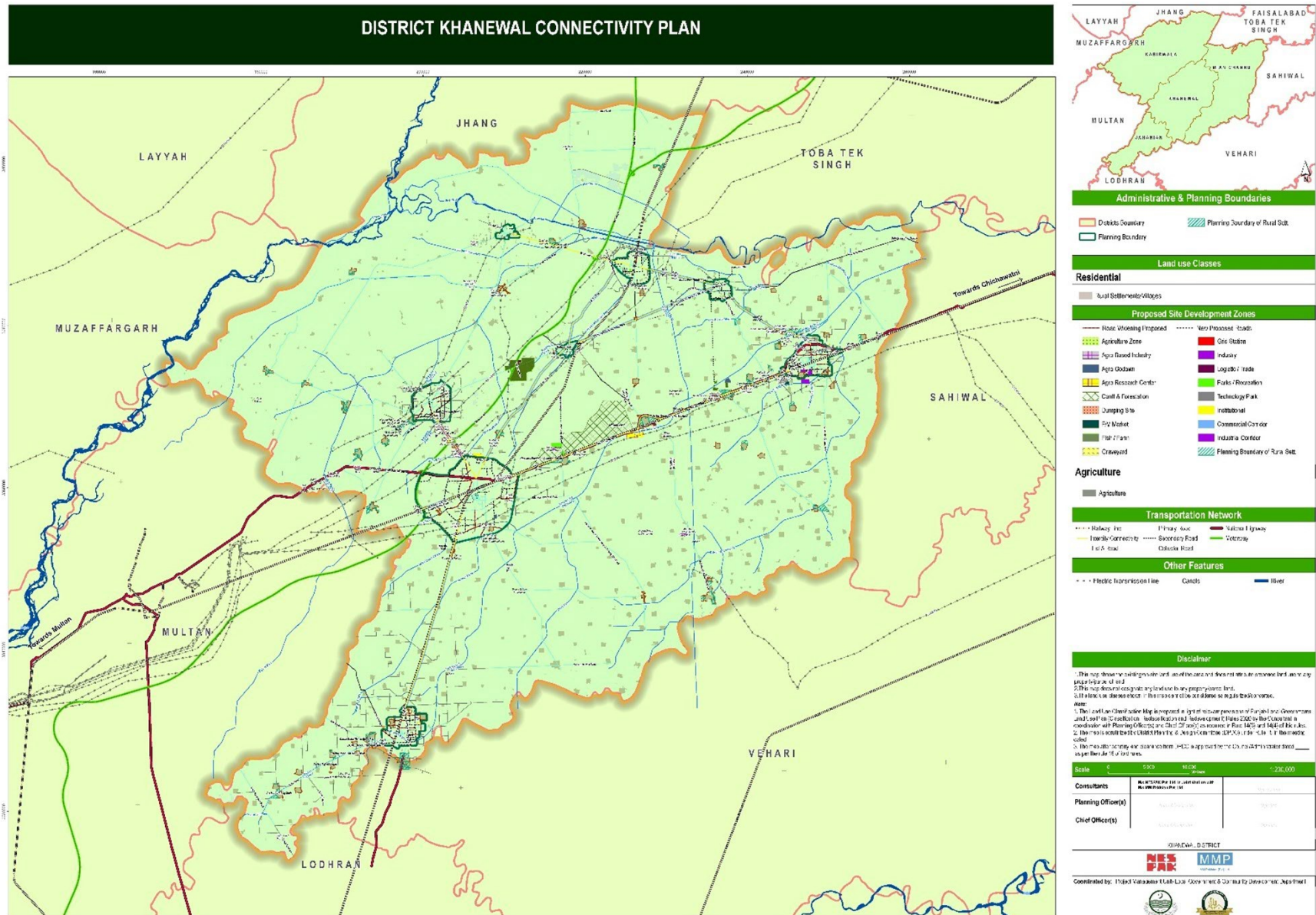
DISTRICT LAND USE AND ZONING PLAN

5.1 District Connectivity Plan

The District Connectivity Plan for Khanewal addresses the challenges of increasing mobility, congestion, and the need for sustainable transportation. As Khanewal evolves into a potential economic hub, the plan provides context-specific recommendations to create a well-connected and accessible region, ensuring efficient movement, enhanced safety, and improved quality of life.

The plan adopts a comprehensive approach, focusing on inter- and intra-district connectivity by improving existing infrastructure and proposing new routes. By employing data-driven analysis, engaging stakeholders, and applying best practices in transportation planning, the goal is to optimize the current system and adapt to future growth and changing mobility patterns. The plan also includes proposals for a ring road/bypass and a network of primary, secondary, and link roads, along with the rehabilitation of existing roads through widening. These efforts aim to enhance connectivity within the district and with other regions, supporting Khanewal growth and sustainable development.

Map 17: District Khanewal Connectivity Plan



5.2 Proposed Roads

5.2.1 Proposed Structure Plan Roads in Municipal Committee Khanewal

Table 5-1: Proposed Structure Plan Roads of Municipal Committee Khanewal

Sr. No.	Status of Road	Jurisdiction (MC)	Length (m)	Start Point		End Point		ROW (Ft.)
				X	Y	X	Y	
1	Structure Plan Road	Khanewal	5180	197276.0736	3353665.39	200937.3453	3350367.019	120
2	Structure Plan Road	Khanewal	5022	203289.7436	3359182.988	202302.807	3354997.542	60
3	Structure Plan Road	Khanewal	1477	207227.2763	3356655.195	208646.2946	3356572.314	60
4	Structure Plan Road	Khanewal	1615	198076.0297	3353455.854	197238.6681	3354506.807	120
5	Proposed Widening	Khanewal	3721	199771.2006	3355494.566	203314.9726	3356629.822	60
6	Proposed Widening	Khanewal	7852	202696.908	3360171.868	199963.9951	3354431.114	60
7	Structure Plan Road	Khanewal	124	202850.9548	3355903.987	202773.8883	3355988.331	60
8	Structure Plan Road	Khanewal	1209	202691.3589	3352344.626	201484.1268	3352409.248	60
9	Proposed Widening	Khanewal	2156	203524.8816	3354192.241	203474.9311	3352037.031	60
10	Structure Plan Road	Khanewal	1749	197028.9315	3358523.143	198508.9423	3358817.674	120
11	Structure Plan Road	Khanewal	2820	206191.4034	3357675.546	205951.6601	3360271.249	60
12	Structure Plan Road	Khanewal	1324	202248.1691	3355034.461	202638.061	3356154.838	60
13	Structure Plan Road	Khanewal	2430	202248.1691	3355034.461	201498.2631	3352723.4	60
14	Structure Plan Road	Khanewal	9888	208366.146	3358129.926	200572.2108	3358528.407	120
15	Structure Plan Road	Khanewal	2700	205877.9387	3355167.055	205844.551	3352467.448	60
16	Proposed Widening	Khanewal	1151	203190.496	3357888.719	202044.0726	3357868.925	60
17	Structure Plan Road	Khanewal	1685	202044.0726	3357868.925	200359.2303	3357903.642	60
18	Proposed Widening	Khanewal	2211	206252.1001	3355413.659	208366.4057	3355377.084	60
19	Structure Plan Road	Khanewal	1197	207561.1273	3355392.014	207581.4563	3356589.013	60
20	Proposed Widening	Khanewal	2929	208366.1449	3355375.934	209086.6049	3358204.973	60
21	Proposed Widening	Khanewal	5599	204093.763	3351030.172	201198.3297	3351364.456	60
22	Structure Plan Road	Khanewal	6576	200572.2108	3358528.407	201498.2631	3352723.4	80
23	Structure Plan Road	Khanewal	3146	204330.8466	3359711.278	201264.3033	3359369.794	60
24	Structure Plan Road	Khanewal	1061	206737.2357	3355529.195	206717.4513	3354468.546	60
25	Structure Plan Road	Khanewal	3165	204869.7129	3353794.07	207660.698	3355020.246	60
26	Structure Plan Road	Khanewal	1768	205870.4974	3354472.373	207638.5307	3354464.383	60
27	Structure Plan Road	Khanewal	926	207638.5346	3354464.383	207675.5313	3355389.639	60
28	Structure Plan Road	Khanewal	1208	204854.1137	3352605.457	205851.3184	3353048.201	60
29	Structure Plan Road	Khanewal	1784	202278.6025	3353358.061	202244.4403	3351574.195	60
30	Structure Plan Road	Khanewal	1458	201816.1483	3353711.583	201480.8598	3354851.124	60
31	Structure Plan Road	Khanewal	892	201889.6356	3351503.632	201844.982	3350612.762	60

5.2.2 Proposed Structure Plan Roads in Municipal Committee Kabirwala

Table 5-2: Proposed Structure Plan Roads of Municipal Committee Kabirwala

Sr. No.	Status of Road	Jurisdiction (MC)	Length (m)	Start Point		End Point		ROW
				X	Y	X	Y	
1	Structure Plan Road	Kabirwala	1166	196642.6601	3366031.868	197808.1978	3366018.907	60
2	Structure Plan Road	Kabirwala	1977	200465.0442	3367410.472	198834.0506	3366297.05	60
3	Structure Plan Road	Kabirwala	559	198202.7171	3366415.255	197808.1978	3366018.907	60

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Sr. No.	Status of Road	Jurisdiction (MC)	Length (m)	Start Point		End Point		ROW
				X	Y	X	Y	
4	Structure Plan Road	Kabirwala	1137	199868.1157	3366474.582	199844.0006	3365337.724	60
5	Structure Plan Road	Kabirwala	704	199160.9458	3366125.509	199864.702	3366110.905	60
6	Structure Plan Road	Kabirwala	554	199866.9896	3366354.634	200420.819	3366351.567	80
7	Structure Plan Road	Kabirwala	698	200079.2022	3367161.355	200087.5474	3367858.766	60
8	Structure Plan Road	Kabirwala	606	200074.7371	3367859.032	200061.0268	3368465.063	60
9	Structure Plan Road	Kabirwala	2576	199611.7654	3365171.193	200463.9415	3367410.516	120
10	Proposed Widening	Kabirwala	2182	197658.2913	3367534.805	196901.7623	3365805.954	60
11	Proposed Widening	Kabirwala	2143	198598.295	3367844.901	198935.6011	3365731.098	60
12	Proposed Widening	Kabirwala	1475	200475.5347	3368607.105	199083.3254	3368118.983	60
13	Structure Plan Road	Kabirwala	297	198863.8295	3366127.709	199160.9458	3366125.509	60
14	Structure Plan Road	Kabirwala	575	197543.4356	3366575.411	197579.4383	3366019.372	60
15	Structure Plan Road	Kabirwala	547	199868.1157	3366474.582	199873.0796	3367021.68	60
16	Structure Plan Road	Kabirwala	434	197074.068	3368264.06	196640.5079	3368277.265	80
17	Structure Plan Road	Kabirwala	800	200465.0442	3367410.472	201130.2	3367855.474	120
18	Structure Plan Road	Kabirwala	1130	198834.0506	3366297.05	197808.1978	3366018.907	60
19	Structure Plan Road	Kabirwala	533	198462.4268	3368852.916	198995.878	3368845.739	60
20	Proposed Widening	Kabirwala	321	197301.2099	3366270.664	196980.6629	3366273.861	60
21	Structure Plan Road	Kabirwala	342	196980.6629	3366273.861	196639.1276	3366275.008	60
22	Structure Plan Road	Kabirwala	722	198116.0472	3366326.918	198830.085	3366296.25	60
23	Structure Plan Road	Kabirwala	297	200176.8455	3369230.733	200473.9173	3369229.509	60
24	Structure Plan Road	Kabirwala	355	200120.3841	3368764.538	200475.1129	3368762.328	60
25	Proposed Widening	Kabirwala	721	200475.5347	3368607.105	201159.8205	3368833.572	60
26	Proposed Widening	Kabirwala	1666	199547.5568	3367765.463	201114.3678	3367844.222	60
27	Proposed Widening	Kabirwala	346	200405.2499	3369600.158	200095.5271	3369751.849	120
28	Structure Plan Road	Kabirwala	979	201130.2	3367855.474	201159.8205	3368833.572	120
29	Structure Plan Road	Kabirwala	1765	200481.4062	3367853.294	200405.2499	3369600.158	60
30	Structure Plan Road	Kabirwala	382	200557.1831	3367852.231	200557.3083	3367469.799	60

5.2.3 Proposed Structure Plan Roads in Municipal Committee Abdul Hakim

Table 5-3: Proposed Structure Plan Roads of Municipal Committee Abdul Hakim

Sr. No.	Status of Road	Jurisdiction (MC)	Length (m)	Start Point		End Point		ROW (ft)
				X	Y	X	Y	
1	Structure Plan Road	Abdul Hakim	6950	224051.5249	3381106.484	225205.6605	3384603.969	120
2	Structure Plan Road	Abdul Hakim	1449	224434.5572	3381861.231	224772.4162	3383269.693	60
3	Structure Plan Road	Abdul Hakim	1078	225748.5606	3384598.781	225741.2479	3383520.903	60
4	Proposed Widening	Abdul Hakim	1391	225249.5902	3384869.386	225025.4864	3383502.399	60
5	Proposed Widening	Abdul Hakim	432	224616.5287	3382607.386	224185.4983	3382625.856	60
6	Structure Plan Road	Abdul Hakim	540	225033.1049	3381096.298	225039.8661	3381636.182	60
7	Structure Plan Road	Abdul Hakim	1502	225752.2511	3382988.724	224711.2295	3382525.128	60
8	Structure Plan Road	Abdul Hakim	414	222492.0275	3383937.541	222415.8155	3383530.78	120

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Sr. No.	Status of Road	Jurisdiction (MC)	Length (m)	Start Point		End Point		ROW (ft)
				X	Y	X	Y	
9	Structure Plan Road	Abdul Hakim	827	223251.7393	3383606.926	222425.1545	3383614.234	60
10	Structure Plan Road	Abdul Hakim	391	223065.9352	3383305.297	222674.7193	3383312.215	60
11	Structure Plan Road	Abdul Hakim	3478	225249.9814	3384864.538	222492.0275	3383937.541	120
12	Structure Plan Road	Abdul Hakim	703	223369.7809	3382462.697	223377.4338	3383165.756	60
13	Structure Plan Road	Abdul Hakim	871	223835.0629	3382075.989	223841.287	3382476.52	60
14	Structure Plan Road	Abdul Hakim	973	223218.996	3382610.775	224184.7628	3382623.094	60

5.2.4 Proposed Structure Plan Roads in Municipal Committee Jahanian

Table 5-4: Proposed Structure Plan Roads of Municipal Committee Jahanian

Sr. No.	Status of Road	Jurisdiction (MC)	Length (m)	Start Point		End Point		ROW (ft)
				X	Y	X	Y	
1	Structure Plan Road	Jahanian	9509	193643.2834	3330200.117	190714.3281	3326303.645	120
2	Proposed Widening	Jahanian	4046	193280.4414	3329301.163	195427.7621	3327396.713	60
3	Proposed Widening	Jahanian	1772	192047.4892	3326421.968	190700.8669	3327572.698	60
4	Proposed Widening	Jahanian	1975	192782.6598	3327779.806	194757.0303	3327748.288	60
5	Proposed Widening	Jahanian	1883	192339.2997	3327222.159	193607.2937	3325971.213	60
6	Proposed Widening	Jahanian	1072	194745.3567	3326856.877	193673.4368	3326874.441	60
7	Proposed Widening	Jahanian	942	193125.8625	3328699.627	194068.0588	3328685.521	60
8	Structure Plan Road	Jahanian	704	194068.0588	3328685.521	194771.7272	3328674.445	60
9	Structure Plan Road	Jahanian	576	191598.3741	3326907.237	191601.6293	3327482.838	60
10	Proposed Widening	Jahanian	1475	192887.2768	3328072.094	191412.4331	3328104.777	60
11	Proposed Widening	Jahanian	858	193107.0671	3328650.8	192257.6457	3328708.848	60
12	Structure Plan Road	Jahanian	2110	194092.6537	3328083.631	194121.0501	3330190.12	60
13	Structure Plan Road	Jahanian	1058	193686.5839	3326576.039	194744.8225	3326554.878	60
14	Structure Plan Road	Jahanian	1041	193700.2973	3326267.288	194741.0124	3326254.304	60
15	Structure Plan Road	Jahanian	1206	194080.0226	3326866.862	194048.5922	3325661.143	60
16	Proposed Widening	Jahanian	344	194048.5922	3325661.143	193704.3925	3325666.699	60
17	Structure Plan Road	Jahanian	1084	193704.3925	3325666.699	192620.3527	3325671.829	60
18	Structure Plan Road	Jahanian	668	194757.3265	3328073.963	194089.6942	3328095.48	60
19	Proposed Widening	Jahanian	336	194745.3567	3326856.877	195080.913	3326852.62	60
20	Structure Plan Road	Jahanian	661	191735.8629	3327439.135	191743.7933	3328099.894	60
21	Structure Plan Road	Jahanian	1214	192268.2607	3329014.523	192229.2661	3327801.455	60
22	Structure Plan Road	Jahanian	675	194760.4445	3328077.474	195435.5229	3328059.865	60
23	Structure Plan Road	Jahanian	341	195761.8136	3327396.61	195762.825	3327737.394	60

5.2.5 Proposed Structure Plan Roads in Municipal Committee Mian Channu

Table 5-5: Proposed Structure Plan Roads of Municipal Committee Mian Channu

Sr. No.	Status of Road	Jurisdiction (MC)	Length (m)	Start Point		End Point		ROW (ft)
				X	Y	X	Y	
1	Structure Plan Road	Mian Channu	736	243258.5544	3369962.29	243994.1278	3369953.198	60
2	Structure Plan Road	Mian Channu	1473	243658.8641	3369478.952	243669.3199	3370951.498	60
3	Structure Plan Road	Mian Channu	1084	248044.7736	3371957.291	248043.6084	3370872.935	60
4	Structure Plan Road	Mian Channu	542	248025.3083	3369897.707	247482.9788	3369904.289	60
5	Structure Plan Road	Mian Channu	2830	242951.1803	3369255.401	244962.6041	3368434.301	80
6	Structure Plan Road	Mian Channu	905	246000.0977	3369619.505	245992.1674	3368714.793	60
7	Structure Plan Road	Mian Channu	2489	244962.6041	3368434.301	247160.2322	3368740.855	80
8	Structure Plan Road	Mian Channu	1471	248011.3784	3369399.777	248034.5326	3370870.138	80
9	Proposed Widening	Mian Channu	4110	244253.9318	3371448.504	248037.646	3371106.755	60
10	Structure Plan Road	Mian Channu	459	248037.646	3371106.755	248386.3194	3370983.473	60
11	Proposed Widening	Mian Channu	1340	248042.9084	3371708.946	246703.0017	3371723.897	60
12	Proposed Widening	Mian Channu	1386	244685.9423	3371815.068	246015.4542	3371736.178	60
13	Proposed Widening	Mian Channu	2246	246014.7258	3372646.237	245999.5941	3370401.324	60
14	Proposed Widening	Mian Channu	819	247482.9788	3369904.289	246663.8884	3369911.002	60
15	Proposed Widening	Mian Channu	661	243994.1278	3369953.198	244432.4794	3369727.288	60
16	Structure Plan Road	Mian Channu	733	243995.7727	3370263.552	243263.3313	3370272.925	60
17	Structure Plan Road	Mian Channu	313	243271.9602	3370586.241	243263.3313	3370272.925	60
18	Structure Plan Road	Mian Channu	311	243263.3313	3370272.925	243258.5544	3369962.29	60
19	Structure Plan Road	Mian Channu	612	243258.5544	3369962.29	243249.6591	3369350.621	60
20	Structure Plan Road	Mian Channu	575	243314.6212	3369666.459	242740.0413	3369670.659	60
21	Structure Plan Road	Mian Channu	606	245318.9678	3368723.692	245329.5712	3369324.952	60
22	Structure Plan Road	Mian Channu	887	244315.4117	3368740.854	244326.7947	3369627.41	60
23	Structure Plan Road	Mian Channu	741	246668.1096	3369446.047	246666.585	3368704.963	60
24	Structure Plan Road	Mian Channu	966	248507.0633	3371396.075	249473.3517	3371391.486	60
25	Structure Plan Road	Mian Channu	2815	244655.1234	3369336.943	247470.0612	3369293.522	60
26	Structure Plan Road	Mian Channu	1136	248507.0039	3371400.512	247371.4728	3371415.425	60
27	Structure Plan Road	Mian Channu	1081	248011.3784	3369399.777	247160.2322	3368740.855	80
28	Structure Plan Road	Mian Channu	1029	242740.0413	3369670.659	242303.35	3369066.67	60
29	Structure Plan Road	Mian Channu	373	248507.0623	3371396.075	248512.054	3371022.982	60

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Sr. No.	Status of Road	Jurisdiction (MC)	Length (m)	Start Point		End Point		ROW (ft)
				X	Y	X	Y	
30	Structure Plan Road	Mian Channu	605	247995.7517	3368458.303	248221.7052	3368079.491	60
31	Structure Plan Road	Mian Channu	672	247337.0858	3368575.697	247803.1916	3368393.564	60
32	Structure Plan Road	Mian Channu	336	247992.6135	3368082.033	247656.2303	3368087.64	60
33	Structure Plan Road	Mian Channu	773	247660.3897	3368368.259	247336.6171	3367917.358	60
34	Structure Plan Road	Mian Channu	469	248353.8544	3369295.584	247885.1627	3369295.879	60
35	Structure Plan Road	Mian Channu	230	247803.1916	3368393.564	248021.624	3368464.729	60
36	Proposed Widening	Mian Channu	1372	247674.0726	3369123.129	247788.4875	3367787.572	60
37	Structure Plan Road	Mian Channu	746	242949.5871	3367550.545	242279.8762	3367658.757	60
38	Proposed Widening	Mian Channu	2146	241977.1004	3368949.094	242296.5521	3366958.595	60
39	Structure Plan Road	Mian Channu	730	243658.8641	3369478.952	243628.4692	3368749.344	60
40	Structure Plan Road	Mian Channu	1438	244326.7947	3369627.41	242951.7544	3369206.535	60
41	Structure Plan Road	Mian Channu	865	242638.9882	3369036.149	242994.4021	3368757.511	80

5.2.6 Proposed Structure Plan Roads in Municipal Committee Tulumba

Table 5-6: Proposed Structure Plan Roads of Municipal Committee Tulumba

Sr. No.	Status of Road	Jurisdiction (MC)	Length (m)	Start Point		End Point		ROW (ft)
				X	Y	X	Y	
1	Structure Plan Road	Tulumba	6130	236513.272	3380015.81	233421.93	3380797.01	120

5.3 Drainage Network's Right of Ways

In the district of Khanewal, the presence of flood drainage channels within the project area poses a significant concern. These water bodies, along with other canals or Nullahs, play a pivotal role in the region's natural ecosystem. However, encroachments along these features have contributed to haphazard development and urban sprawl, exacerbating the risk of flash floods in surrounding areas. To address this issue and safeguard the natural integrity of the region, detailed mapping and demarcation of the right of way (ROW) for Nullahs and drains are essential counteractive measures. According to the revenue record, areas are identified where existing drainage channels traverse through proposed zones. To mitigate the risk of encroachment and ensure effective flood management, buffers are introduced along each hierarchy of water bodies. In adherence to the river protection act, a buffer zone of 50 feet (ft.) is proposed on both sides of Nullahs and drains, resulting in a 100-foot Right of Way (ROW) around these water features. This proactive approach aims to prevent unauthorized construction and encroachment, thereby preserving the natural flow of water channels and reducing the likelihood of flash floods. Through meticulous mapping and demarcation efforts, the district seeks to establish a comprehensive strategy for managing its water resources sustainably and enhancing resilience against flood-related risks.

5.4 District Land Use & Zoning Plan

The District Land Use and Zoning Plan for Khanewal provides a comprehensive framework for urban and regional development across the district. It integrates existing land use patterns, administrative boundaries, proposed site development zones, economic activity hubs, allied agricultural zones, and a comprehensive network of Structure Plan Roads. The plan aims to optimize land resource utilization, ensuring orderly development in line with regulatory requirements and growth projections.

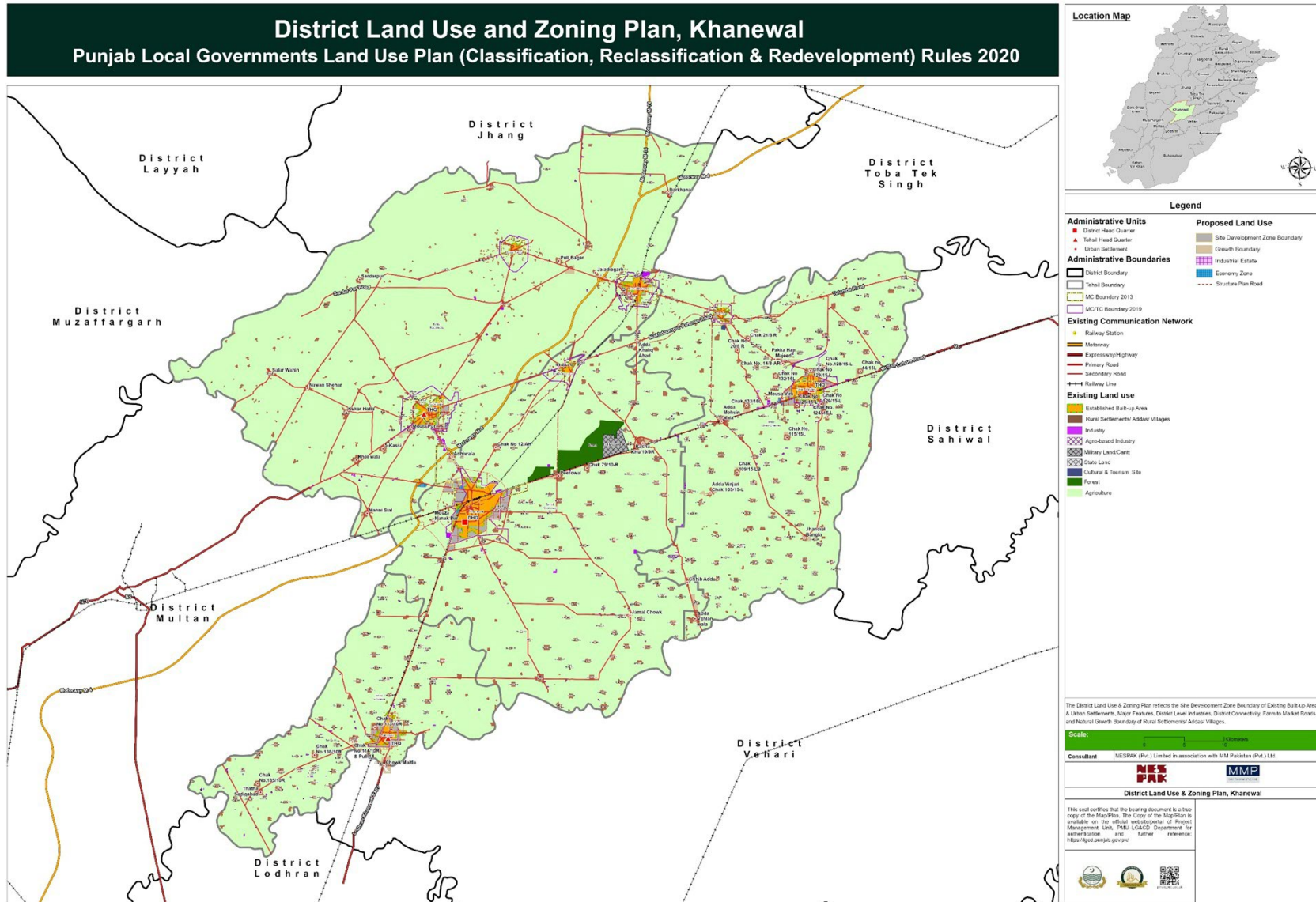
This plan consolidates Established Built-up Areas (EBAs), Site Development Zones (SDZs), and delineated growth boundaries for settlements across the district. It covers the Site Development Zone Structure Plans for Municipal Committees (Khanewal, Kabirwala, Abdul Hakim, Jahanian Mian Channu, and Tulumba) and urban settlements. These spatial components are systematically aligned to ensure uniformity in planning and zoning strategies, addressing urban expansion and rural growth simultaneously.

The plan incorporates zoning principles to proposed specific land uses effectively. Site Development Zones (SDZs) are proposed to plan the urban expansion areas and mitigate unplanned sprawl. Economic Activity Zones are identified to concentrate industrial, commercial, and service-oriented development activities, maximizing economic productivity. Allied Agricultural Zones are designated to sustain agriculture and agro-industrial activities, preserving the rural economy while integrating it with urban growth. These zoning provisions are complemented by detailed structure plan roads to enhance regional connectivity and support the transportation needs of economic corridors and settlement clusters.

In compliance with the Land Use Rules 2020 and the standing instructions issued on 17.09.2022, the Plan ensures adherence to planning regulations, aligning all proposed interventions with legal standards. Detailed mapping and analysis underpin the zoning classifications, including the integration of Notified Commercial List-A Roads and the identification of future development zones.

The Land Use and Zoning Plan serves as a regulatory framework for the comprehensive spatial development of Khanewal. It ensures structured and sustainable land management by addressing the spatial requirements of residential, commercial, industrial, and agricultural activities. The plan supports infrastructure development, enhances regional connectivity, and fosters economic integration through precise zoning and development strategies. By employing rigorous technical methodologies and aligning with statutory regulations, this framework provides a clear and actionable roadmap for the district's long-term spatial planning and economic growth. This strategic and sustainable framework provide beyond the traditional zoning practices, addressing both current and future development needs while ensuring a cohesive and community-focused approach. The detailed land use plan including the existing Land Use Classification, Notified Commercial Roads as well as proposed Site Developments Zones has been shown in below map.

Map 18: District Land Use & Zoning Plan of District Khanewal



Planning Support System:

The Planning Support System is a comprehensive digital platform equipped with advanced tools to assist Local Governments in implementing and monitoring Land Use Plans. It generates Automated Zoning Reports, detects Land Cover Changes and supports policymakers in reviewing and updating the plans effectively. To access the portal, please visit:

<http://pmu-lgcdd.gop.pk/portal/>



Project Management Unit (PMU)

Local Government and Community Development Department

<http://pmu-lgcdd.gop.pk/public/>

