

# URBAN *Design*

## ELEMENTS OF URBAN DESIGN

SUBMITTED TO :-

SUBMITTED BY :-

## **WHAT IS URBAN DESIGN ??????**

- **IT IS PRACTICE OF SHAPING A BUILT ENVIRONMENT OF THE CITY.**
- **CONCERNED WITH ARRANGEMENT, APPEARANCE, FUNCTIONALITY OF THE COMMUNITY.**

## **WHAT IS URBAN DESIGN ELEMENT ??????**

- **IT ADDRESSES THE DESIGN OF BUILDINGS, GROUPS OF BUILDINGS, SPACES , LANDSCAPES, AND OPEN SPACE BETWEEN BUILDINGS, AND ESTABLISHES THE PROCESSES THAT MAKE PLACES SUCCESSFUL AND AESTHETICALLY APPEALING.**

# PURPOSE OF URBAN DESIGN ELEMENTS

- THE URBAN DESIGN ELEMENT IS A FRAMEWORK FOR SHAPING THE FUTURE FORM AND IS DRIVEN BY INPUT FROM THE PUBLIC AND LOCAL BUSINESS.
- CAREFULLY PLANNED URBAN SPACES AFFECT THE QUALITY OF THE PHYSICAL ENVIRONMENT, AND THE PERCEPTION, ECONOMIC INVESTMENT, AND SUCCESS OF THE CITY.
- THE CITY'S CULTURAL IDENTITY IS AN IMPORTANT FACTOR DETERMINING WHY PEOPLE CHOOSE TO VISIT, INVEST IN OR RELOCATE HERE.
- WELL-PROPORTIONED PUBLIC SPACE AND STREET CONTRIBUTE TO BUSINESS VISIBILITY & ACCESSIBILITY.
- THE USE OF DESIGN FEATURES SUCH AS APPROPRIATELY-SCALED LIGHTING, STREET FURNITURE, STREET TREES, AND OTHER AMENITIES CAN HELP TO DEFINE PLACES.
- AN AUTHENTIC, WELL-DESIGNED URBAN ENVIRONMENT UPLIFTS THE COMMUNITY SPIRIT,

# URBAN DESIGN ELEMENTS

**BUILDING**

**LANDSCAPE**

**PUBLIC SPACES**

**TRANSPORT**

**STREETS**

# 1) BUILDING

## DEFINATION

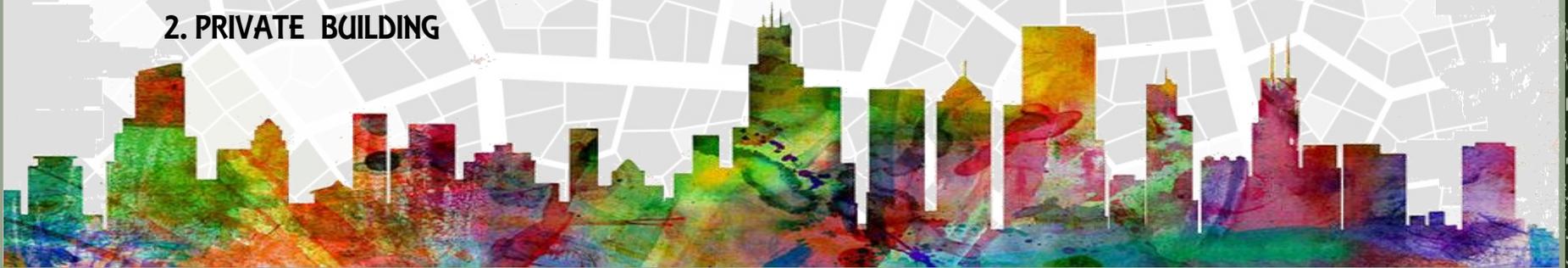
- A SMALL OR BIG ENCLOSED AREA WHICH CAN BE USE FOR , INDUSTRIES, EDUCATION COMMERCIAL, HOUSING ETC.
- CONTAIN A STRUCTURAL SYSTEM.
- A ENCLOSED SPACE FOR LIVING OR WORKING,

## AS A URBAN DESIGN ELEMENT

BUILDINGS ARE THE MOST PRONOUNCED ELEMENTS OF URBAN DESIGN - THEY SHAPE AND ARTICULATE SPACE BY FORMING THE STREET WALLS OF THE CITY. WELL DESIGNED BUILDINGS AND GROUPS OF BUILDINGS WORK TOGETHER TO CREATE A SENSE OF PLACE.

IT IS OF TWO TYPE -

1. PUBLIC BUILDING
2. PRIVATE BUILDING



## 2) PUBLIC SPACES

### DEFINATION

GREAT PUBLIC SPACES ARE THE LIVING ROOM OF THE CITY - THE PLACE WHERE PEOPLE COME TOGETHER TO ENJOY THE CITY AND EACH OTHER. PUBLIC SPACES MAKE HIGH QUALITY LIFE IN THE CITY . PUBLIC SPACES RANGE FROM GRAND CENTRAL PLAZAS AND SQUARES, TO SMALL, LOCAL NEIGHBORHOOD PARKS.



PARKS



PLAZA



MARKET PLACE



RAJORI CULTURAL CENTRE

# 3) STREETS

## DEFINATION

STREETS ARE THE CONNECTIONS BETWEEN SPACES AND PLACES, AS WELL AS BEING SPACES THEMSELVES. THEY ARE DEFINED BY THEIR PHYSICAL DIMENSION AND CHARACTER AS WELL AS THE SIZE, SCALE, AND CHARACTER OF THE BUILDINGS THAT LINE THEM. STREETS RANGE FROM GRAND AVENUES SUCH AS THE CHAMPS-ELYSEES IN PARIS TO SMALL, INTIMATE PEDESTRIAN STREETS.

## AS A URBAN DESIGN ELEMENT

THE PATTERN OF THE STREET NETWORK IS PART OF WHAT DEFINES A CITY AND WHAT MAKES EACH CITY UNIQUE.

ITALY STREETS



BUILDING LINE

WIDTH OF STREET

# 4) TRANSPORT

## DEFINATION

TRANSPORT SYSTEMS CONNECT THE PARTS OF CITIES AND HELP SHAPE THEM, AND ENABLE MOVEMENT THROUGHOUT THE CITY. THEY INCLUDE ROAD, RAIL, BICYCLE, AND PEDESTRIAN NETWORKS, AND TOGETHER FORM THE TOTAL MOVEMENT SYSTEM OF A CITY. ITS ALSO CALLED A MODE OF COMMUNICATION

## AS A URBAN DESIGN ELEMENT

THE BALANCE OF THESE VARIOUS TRANSPORT SYSTEMS IS WHAT HELPS DEFINE THE QUALITY AND CHARACTER OF CITIES, AND MAKES THEM EITHER FRIENDLY OR HOSTILE TO PEDESTRIANS. THE BEST CITIES ARE THE ONES THAT ELEVATE THE EXPERIENCE OF THE PEDESTRIAN WHILE MINIMIZING THE DOMINANCE OF THE PRIVATE AUTOMOBILE.



VARIOUS MODE OF TRANSPORTATION

# 5) LANDSCAPE

## DEFINATION

**LANDSCAPING IS THE DEVELOPMENT OF OUTDOOR SPACE TO PROVIDED VARIOUS AMENITIES – PRIVACY , COMFORT, BEAUTY & EASE OF MAINTAINCE .**

**IT IS OF TWO TYPE**

- 1. HARDSCAPING – IT INVLOVES STRUCTURES SUCH AS SEATING, WATER BODIES, ROCK GARDENS, PARGOLASM PAVED SURFACE**
- 2. SOFTSACPING – IT INVOLVES LAWNS, SHRUBS, TREES, PLANTS, FLOWERS, ETC.**



## AS A URBAN DESIGN ELEMENT

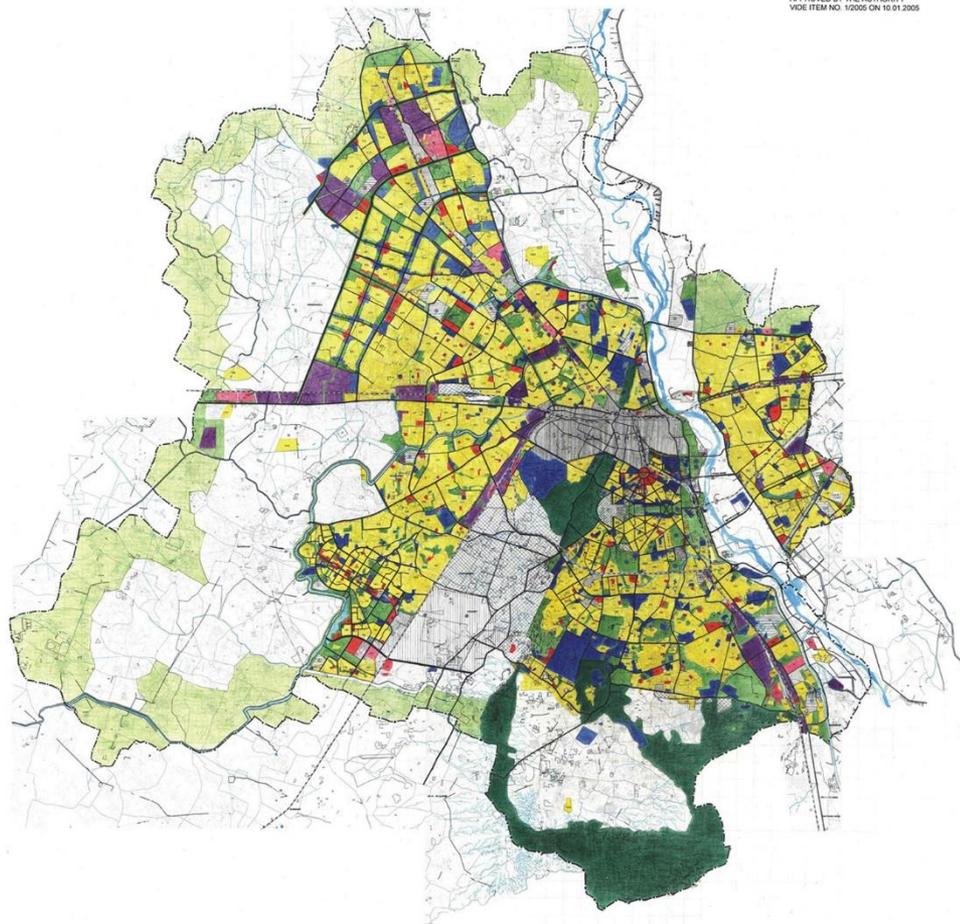
**THE LANDSCAPE IS THE GREEN PART OF THE CITY THAT WEAVES THROUGHOUT - IN THE FORM OF URBAN PARKS, STREET TREES, PLANTS, FLOWERS, AND WATER IN MANY FORMS. THE LANDSCAPE HELPS DEFINE THE CHARACTER AND BEAUTY OF A CITY AND CREATES SOFT, CONTRASTING SPACES AND ELEMENTS. GREEN SPACES IN CITIES RANGE FROM GRAND PARKS TO SMALL INTIMATE POCKET PARKS.**



# DISTRIBUTION OF URBAN DESIGN ELEMENTS IN DELHI

## MASTER PLAN 2021

APPROVED BY THE AUTHORITY  
VIDE ITEM NO. 12/2005 ON 10.01.2005



### LANDUSE PLAN (Draft)

- RESIDENTIAL**
- RD RESIDENTIAL AREAS WITH DENSITY
- RF FOREIGN MISSION
- COMMERCIAL**
- C1 RETAIL SHOPPING, GENERAL BUSINESS AND COMMERCE
- DC DISTRICT CENTRE
- CC COMMUNITY CENTRE
- NC NON HIERARCHICAL COMMERCIAL CENTRE
- C2 WHOLESALE & WAREHOUSING
- CS COLD STORAGE & OIL DEPOT
- C3 HOTELS
- INDUSTRY**
- M1 MANUFACTURING, SERVICE & REPAIR INDUSTRY
- RIDGE / REGIONAL PARK**
- R1 RIDGE / REGIONAL PARK
- RECREATIONAL**
- P1 CITY PARK, DISTRICT PARK, COMMUNITY PARK
- P2 HISTORICAL MONUMENTS
- TRANSPORTATION**
- T1 AIRPORT
- T2 TERMINAL / DEPOT - RAIL / MRTS / BUS / TRUCK
- T3 CIRCULATION - RAIL / MRTS / ROAD
- UTILITY**
- U1 WATER (TREATMENT PLANT ETC.)
- U2 SEWERAGE (TREATMENT PLANT ETC.)
- U3 ELECTRICITY (POWERHOUSES, SUBSTATIONS ETC.)
- U4 SOLID WASTE (SANITARY LANDFILL ETC.)
- U5 DRAIN
- GOVERNMENT**
- G1 PRESIDENT ESTATE & PARLIAMENT HOUSE
- G2 GOVERNMENT OFFICES / COURTS
- G3 GOVERNMENT LAND (USE UNDETERMINED)
- PUBLIC & SEMIPUBLIC**
- H1 HOSPITAL
- EDUCATION & RESEARCH, UNIVERSITY / UNIVERSITY CENTRE, COLLEGE,
- SOCIAL - CULTURAL, SOCIO CULTURAL COMPLEX / CENTRE
- PS POLICE / POLICE HQ / POLICE LINES / FIRE STATIONS / DISASTER MANAGEMENT CENTRE
- RELIGIOUS
- BURIAL GROUND / CREMATION
- TC TRANSMISSION SITE / CENTRE
- PS3 SPORTS FACILITIES / COMPLEX / STADIUM / SPORTS CENTRE
- GREEN BELT & WATER BODY**
- A1 PLANT NURSERY
- A2 GREEN BELT/ URBANISABLE AREA
- A3 RIVER & WATER BODY
- A4 CITY FOREST

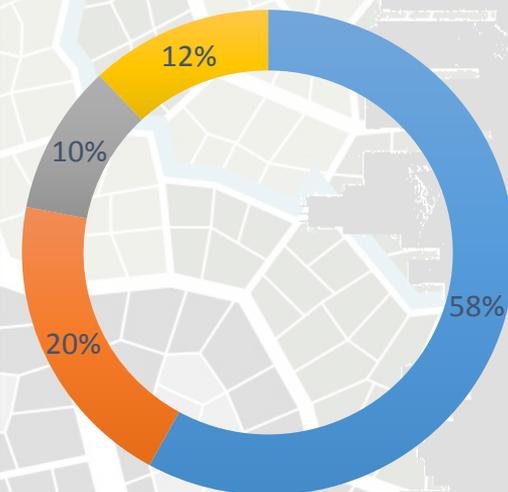
SA/- (A.K. JAIN) COMMISSIONER (PLANNING) D.D.A.  
SA/- (V.M. BANSAL) PR. COMMISSIONER - CUM - SECRETARY D.D.A.

**MASTER PLAN FOR DELHI - 2021**

0.5 0 1 2 5 10 Km



### AREAS



- BUILDINGS
- LANDSCAPE
- PUBLIC SPACE
- CIRCULATION

The image features a stylized, light-colored map of a city street grid. The streets are represented by white and light gray lines on a pale green background. A prominent, thicker white line runs diagonally from the top-left towards the bottom-right. A blue line, possibly representing a river or a specific route, winds through the grid on the right side. The text "Thank You" is written in a dark green, cursive font, centered over the map. The entire map is framed by a dark green border, which is itself set against a black background with a white, cracked or mosaic-like pattern.

*Thank You*