Chapter Four: THEME ZONE AND FACILITIES

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Cultural Ribbon: Paseo de la Cultura

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Memorial Plaza: Plaza de la Commemoración

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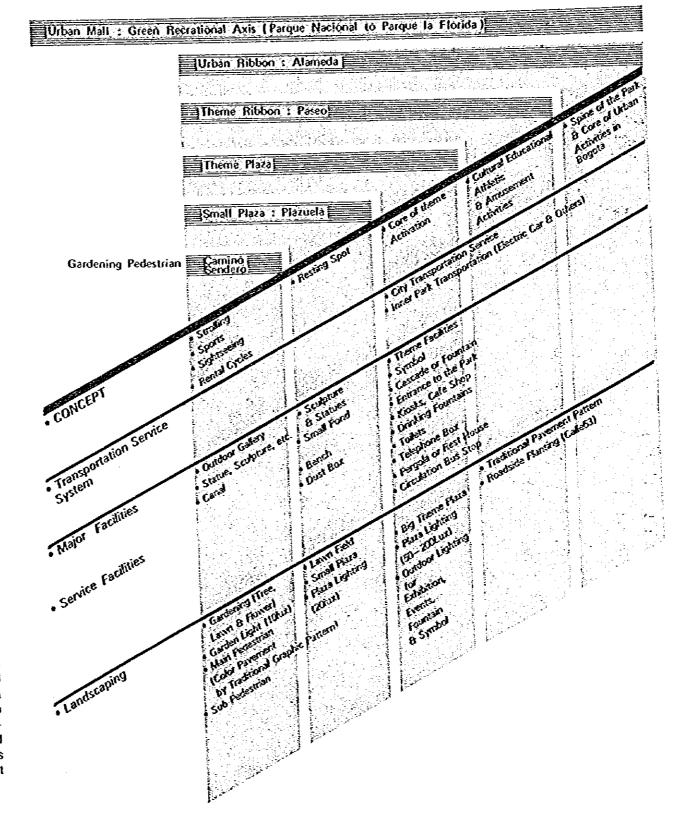
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Module of Urban Ribbon Fig. -- 30



Urban Ribbon

Natural Recreational Axis in Bogota: Urban Mall

It is desirable that a Natural Recreational Axis be developed for the distance of about 15 km along Calle 63 which intercepts Bogota in a southeastnorthwest direction, from the Forest Conservation Parque Nacional in the southern mountains to the Rio Bogota Riverside Open Space and Parque la Florida in the north. In addition to becoming the "face" of Bogota, as an avenue for leisure and recreational activities of the city's residents, it should be improved as an Urban Mall which is characterized by a varying landscape and has value as an international tourism asset.

Core of the Park: Urban Ribbons

The 3.4 km distance from Avenida Ciudad de Quito to Jardin Botanico, along the Simon Bolivar Great Memorial Park within the Urban Mall, as a center for the cultural, educational and recreational activities of the Bogota citizens, is assigned the status of Urban Ribbons, to give -greater prominence and augment the commemorative and symbolic nature of Simon Bolivar Great Memorial Park.

Leisure activities in the great cities of the world now show a lendency toward greater diversification, improved quality, and round-the-clock use, together with increased demand for such activities. Similar to what may be witnessed elsewhere in the world, demand for teisure activities, including the capacity of enjoying those activities around the clock, is increasing in Bogota, and it is desirable to provide safe, highquality facilities in response to that increase and change in demand. From this viewpoint, the Urban Ribbons are to be a wholesome, highquality core of a diversity of cultural, educational and recreational activities.

Fig. - 28 Concept of Urban Ribbon

Name of Ribbon Theme Theme Color Theme Pattern Colombian Enhancement of traditional **Cultural Ribbon** Cuitore 8 modern outure Purple Chronological Coordian History from the Indios civilization Ribbon History to the winning of Independence Red Colombian Commemoration of Independence Wars Liberty Ribbon Independence Orange and Biggest Coloration Ceremonial Area Publicizing and educating visitors regarding Colombians Actual Ribbon the life of the Coloribians, the economy, Today Yekny industry and public administration マクマクマクマク Countriers Intellectual, spiritual and physical Youth Ribbon 8509 Improvement of Colombia's youth Future Courbian Natural Ribbon Bogota, the capital of greenery and flowers Natore Green

Urban Ribbon

The Urban Ribbons is to be composed of six cintas of 300 to 1,000 m, each characterized by its own theme. At the same time that each ribbon is to possess its distinctive theme composed of cultural, educational, recreational or other elements, each is to have a plaza, each of which is to have an distinctive identity, reinforced by an emphasis on a different basic theme color in each, gardens, and pavement featuring traditional graphic patterns, which shall, in combination, make the ribbons places where events, including those which may be appropriately matched to each ribbon's theme, may be held.

Moreover, as stated in the above note, "Core of the Park," each of the six ribbons are to be provided with lighting appropriate to their being used in the evening, to be planned and to have features which assure the safety of visitors, as well as to facilitate the holding of various activities and programs related to the themes of the ribbons; in addition, the service facility supply standards as well as the location of the facilities are to be such as insure that those activities are of high quality. The changing scenery and incorporation of scenery beyond the ribbons into that of the ribbons themselves is to further enhance their function.

At the same time as the Urban Ribbons are a receptacle within which various activities can take place, it is highly important that in order to augment the vitality of the ribbons, an annual program of events is to be planned and managed by the competent authorities, who shall suitably publicize these attractions.

The main themes of the six ribbons comprising the Urban Ribbons are the culture, history, nature and future of Colombia, and Colombia today, as follows.

Systems and Modules of Alameda

The modules of Alameda are to be defined in heme Plazas to the Gardening terms of controlled presentation of a varying n accordance with the themes and landscape, and refreshing pathways. The the ribbons.

foreground is to be of 50-80m depth and as a unit scilities

of Gardening Pedestrians, it is to have expansive omponents of the Alameda to inspaces, and distinctive gardens. It also is to have the orth canal, ponds, fountains, spaces for resting, composed of alcoves and small hd other water features in variety, plazas. The middle ground, of 200-300m depth, is contribute to and heighten the to feature plazas which are to function as activity he Alameda scenery. cores for each theme ribbon, to augment the

activity of each ribbon through the plazas' 9

possessing consistency with each theme. The far lation of the landscaped ribbon of ground, 500-1,000m in depth, in addition to the sto be provision of a Main unfolding the theme and story which unifies each altern) of about 6m width, and Sub theme ribbon, is to have visual completeness by altern of about 6m width, and Sub means of a traditional graphic pattern and use of color for the main pedestrian area each to be different in accordance with the different themes.

thaving a traditional graphic (for strolling, consistent with the emes) of about 2m width, with lawn, itings, shrubbery etc. between the Sub Pedestrians, and with provision

To facilitate perception of the Alameda as a moving the foreground landscape to whole, a single variety of street tree is to be of 50-80m. To contain the landscape, planted along Calle 63 for the entire 3.4 km length, ides of this landscaped, gardening so that those who pass up and down the avenue plantings of trees are to be used. The by car may see the ribbon scenery beyond the ne side are to also function as street vertical procession of tree trunks, and the two late 63. Trees on both sides are to ends of the 3.4km distance will be emphasized by fine to be made so as to conform to placement, at each end, of a large symbolic wall, of the themes. and large trees.

Location standards for the transportation service 5 make round-the-clock use possible, system, main facilities, symbol facilities, service o insure safety, lighting is to be 20-50 facilities, lighting, landscaping, etc. will be right as the fights provided for safety determined according to the four visual and rk, and because of requirement for functional stanzas on which the modules are ents and to emphasize water features jols, plaza lighting will be higher than based.

Transportation service system

means of a system of city circulation buses in events are staged during the stops are to be provided in each Theme Plaza.

As a sub-system, non-polluting small electric gram

(battery) cars may be available within the park ist to the large (110 hectares) park and Alameda, as well going by carriage whereby ized by a natural environment and amusement may be combined with functional moderate activities, it is necessary to objectives, but transportation is primarily to beincreasing the use of the Alameda as by means of buses. Consideration is also to be Ribbon with distinct themes. From given to a bicycle rental facility for non point, in addition to creating plazas and competitive cycling. ig Pedestrians which are to serve as

Facility distribution

Service and administrative facilities are to conform to a higher standard than in the park; fundamentally they are to be located in the to large numbers of people, and Theme Plazas in the interests of effective, el.ing the program among the citizens, as ficient use. Symbols are to be suitably located properly implementing the program. It

1. It is expected that installation of Transportation service in the park will be by lighting will be suitable at times when means of a system of city circulation buses. large-scale or important en-

> for activities such as are described is necessary to provide assurance that tivities do take place, by planning a of events which is attractive and en

Theme Plazas to the Gardening on in accordance with the themes and stof the ribbons.

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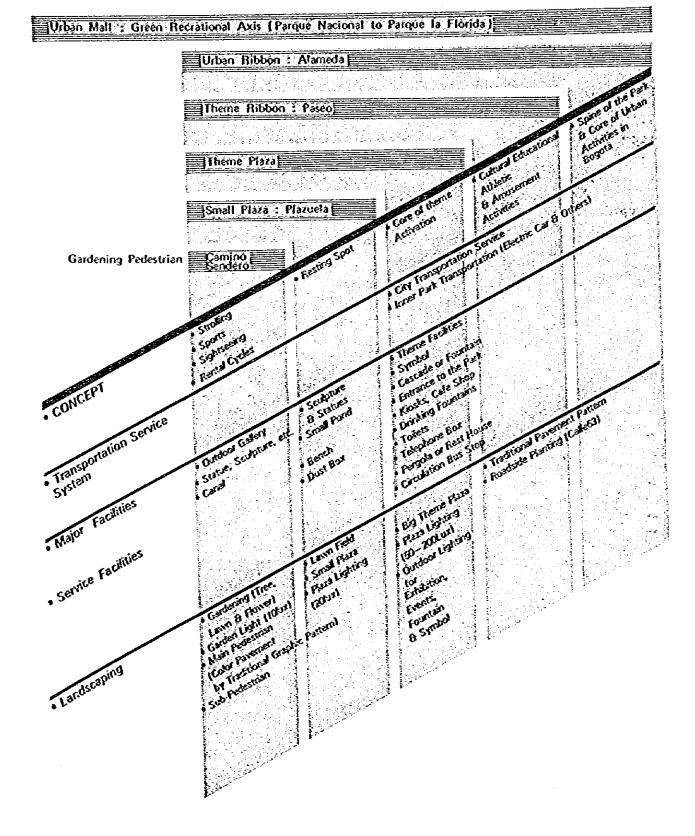
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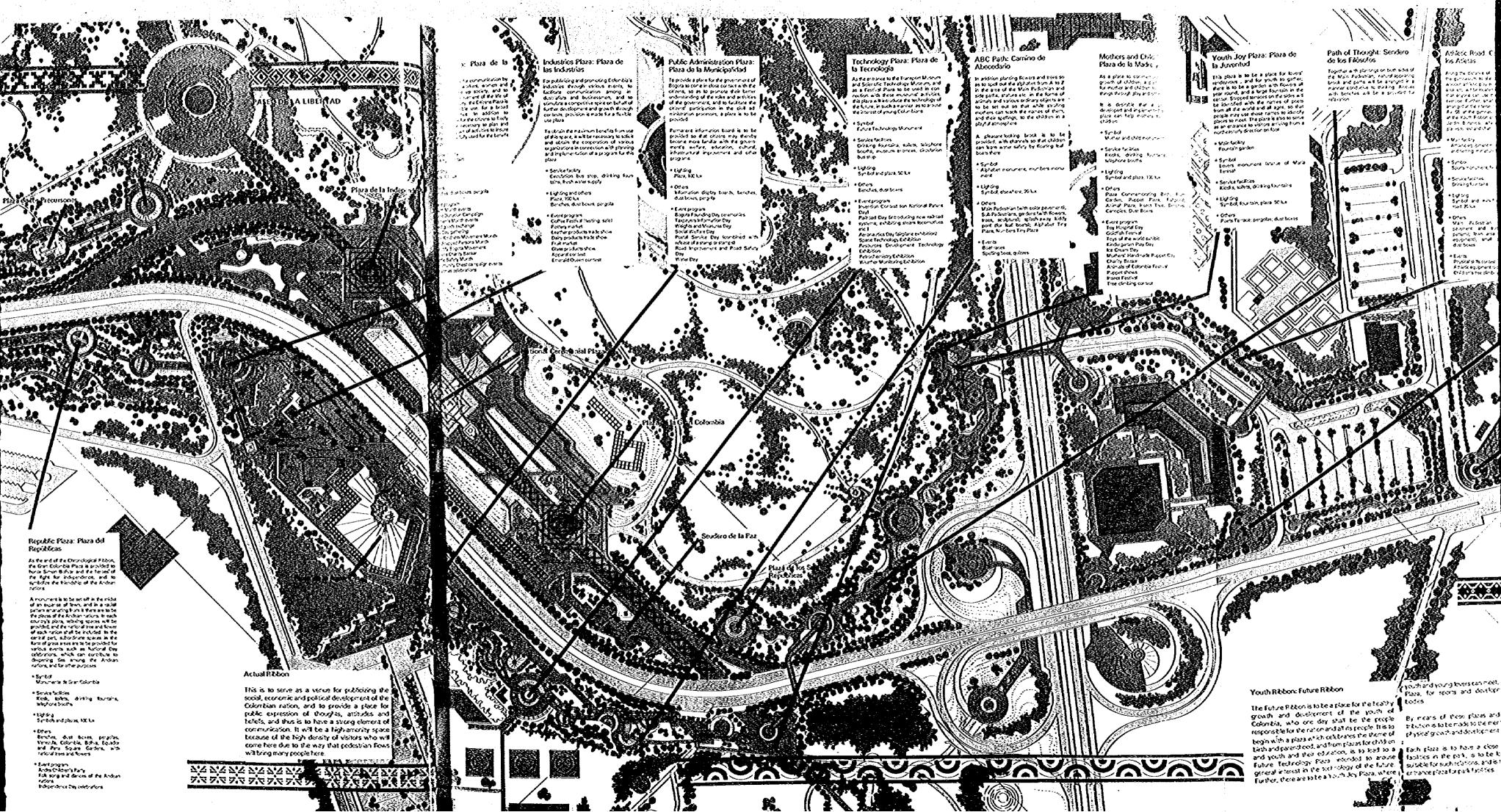
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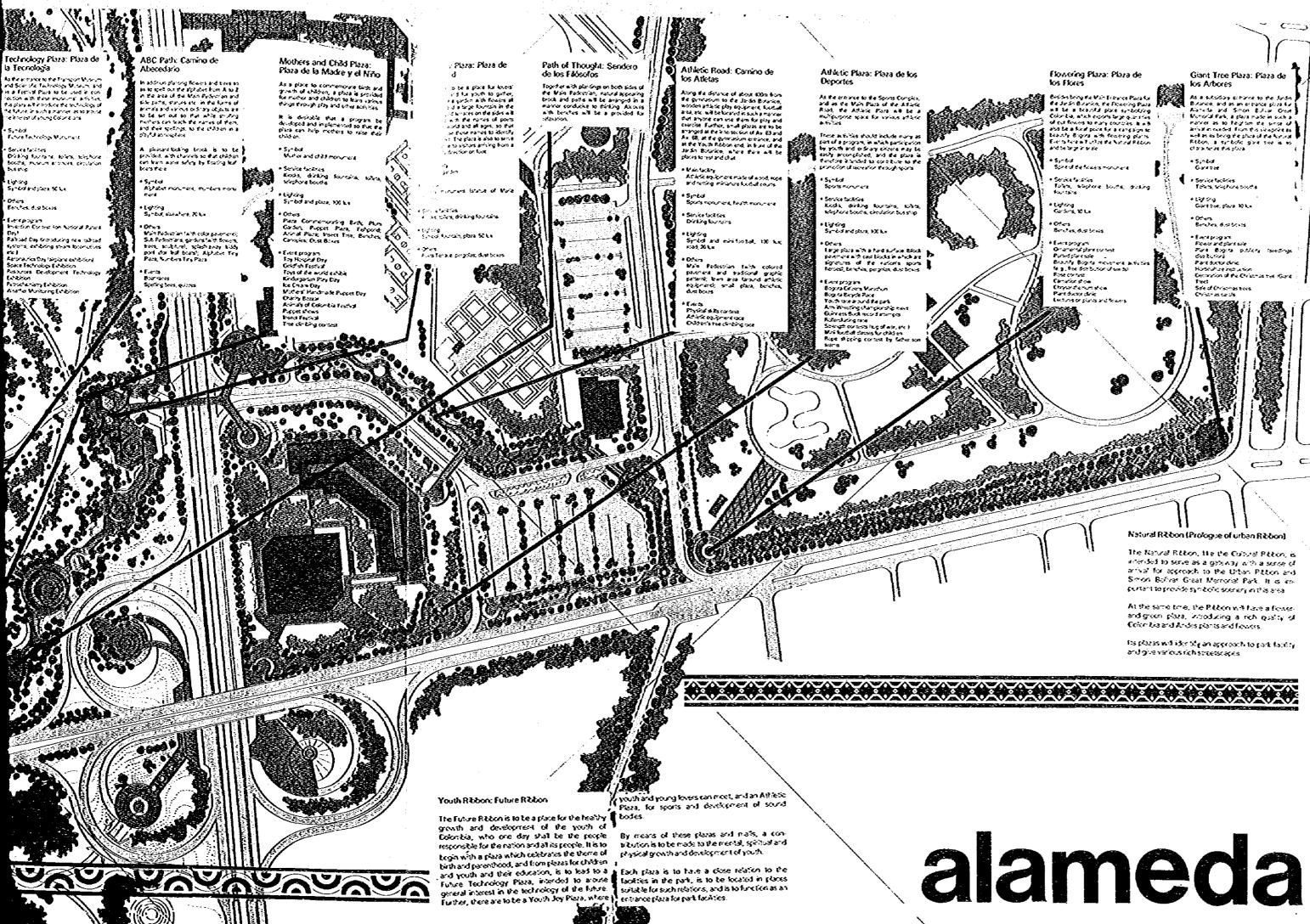
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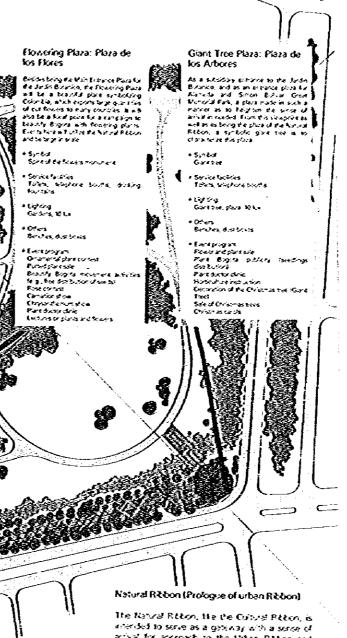
the citizens and various groups, can properly handled.

Fig. - 30 Module of Urban Ribbon



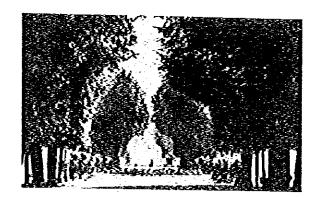






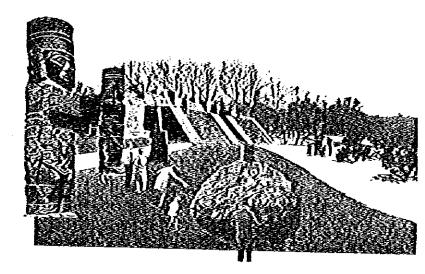
Imaginable Collage of Paseo



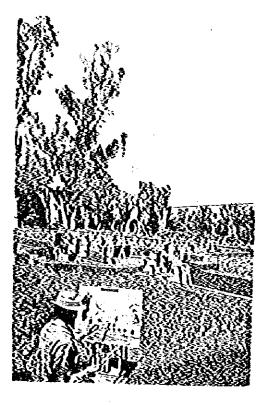




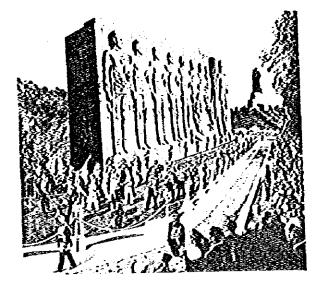


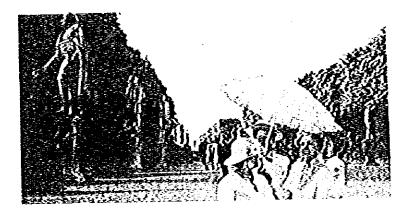


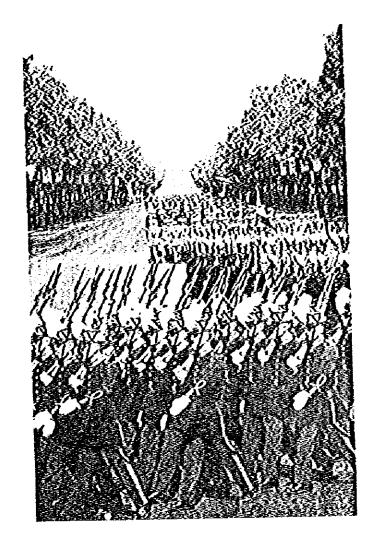


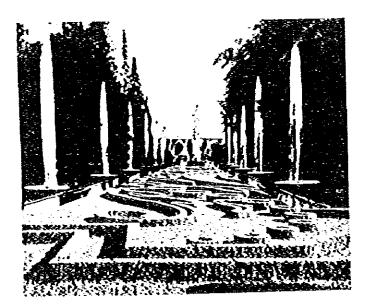


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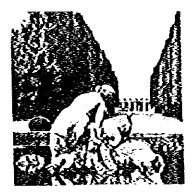












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National Ceremonial Plaza

Not only is the National Ceremonial Plaza the physical and functional (including symbolic functions) center of the park but it also is to be a symbol of the unity of the people of Bogota and of Colombia. Here there will be presented and held events and ceremonies of both national and international importance, such as ceremonies celebrating the birth of Simon Bolivar; ceremonies in remembrance of his death; Independence Day celebrations; presidential inaugurations; opening coremonies for meetings such as of Latin American national leaders; memorial parade reviews; World Cup sports meets; carnivals, exhibitions and other programs on national holidays, and so on. It is to be a place for all the people, rich and poor, young and old, men and women, boys and girls; a place where every citizen of Colombia should be at least once in his or her lifetime, and herein lies the significance of constructing this plaza, which will do so much to emphasize and express the symbolic nature of the park.

Activity and Space

The first requirement in determining the spatial structure of the National Ceremonial Plaza so that it may accommodate all of these diverse events is the analysis of functional relationships between the activities and the space. In the actual performance or occurrence of activities and events in this plaza, although at times they would be combined, or have reversed roles, basically all those present may be considered to be in one of two categories which we may call "performers" and "spectators" here.

- Performers space for activities:
 - Speechmaking, lectures etc.;
 1-30 persons; 2-3m²/person
 - Ceremonies, mass games, dances etc.;
 50-200 persons; 10-30m³/person
 Parades, marches, etc.;
 - max. width, 30-50 persons abreast;
 length, 500m to 2km or more; vehicles;
 floats and military equipment to be
 included

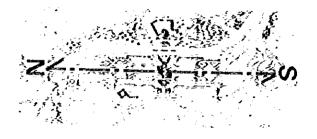
- Spectators space for activities:
 - Fixed seating;
- 0.4-0.5m²/person; graduated elevation - Standing room;
 - 0.25-1.0m²/person
- Free room;
 - 2-5m²/persons; considered as part of the scenery at times of ceremonies

At present when large gatherings are held in Bogota, the facilities used are Plaza de Bolivar (1ha; 30,000 persons), Campin (50,000 persons) and others. In view of conditions related to actual use of these facilities thus far, and the distance over which events may be comfortably witnessed, as well as the nature of this plaza's being intended to be the largest ceremonial plaza in the nation, it is to be planned to normally accommodate 30,000 – 40,000 persons, and to be capable of use by a maximum of 50,000 – 60,000 persons. The following three levels of space are to be used for activities in the plaza (see table below). Spatial Structure

Orientation

Orientation is to be with the north-south direction used as the axis, to minimize the influence of early morning or late afternoon sun.

Fig. - 32 Orientation of Ceremonial Plaza



Multiple Activity Core

In addition to being able to accommodate a large throng at times of ceremonies, and also to insure that the space is easy to use, a balance of large area and human scale is needed. Different kinds of plazas are to be located on the northsouth and east-west axis, and are to be capable of being used independently of one another.

Fig. – 33 Activity Core of Ceremonial Plaza

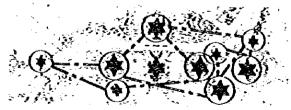
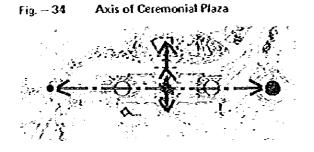


Table – 18 Performance Capacities of Ceremonial Plaza

			Spectators		
		User population	Performance Area	Fixed seats Standing Other	Distance between performers & speciators
Level 1	1ha	5,000-10,000	100 500m²	5,000 5,000	0.5- 50m
Level 2	3ha	10,000-30,000	1,000 2,000m²	5,000 10,000 10,000 15,000	5 –150m
Level 3	5ha	50,000-70,000	10,000-20,000m²	10,000* 30,000 10,000	50 –500m
• includi	ng temp	porary seating		30,000	35 -300in

kis and eye stop

the Historical Museum is to be located to the fouth side of a north-south axis parallel to Calle 63, as an eye stop. At the end of the axis will be seen the high-rise buildings of downtown Bogota, and the mountains, as the background. To the north side a monument in the Urban Math will be positioned, also as an eyestop. An east-west activity axis will be positioned perpendicular to the first axis. Between it and the plaza will be a VIP dais, and stage.



Stage and spectators seats

A stage is to be provided on both sides of the east-west axis; it is to be of such nature as to be usable for many kinds of ceremonies. Spectator seating will be built on a stepped terrace in and adjacent to the plaza. In order to permit as many spectators as possible to have a clear view when very many gather for a ceremony or other special event, the formation of banks in the lawn area will be useful as a flexible approach in park management and will permit them to be used for sitting.

Fig. – 35 Stage and Seat Layout for Event

Visual Analysis

Analysis has been performed with regard to visual aspects of factors determining the scale and form of the plaza, as follows:

Horizontal visual analysis

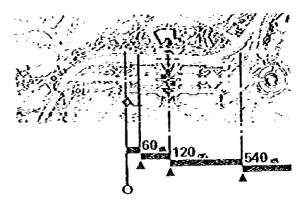
The following modules are used regarding the relationship between horizontal visual distance and spatial perception (relationship of distance and human awareness).

6 – 20m	Facial expression	ns are un-		
	derstandable; communication is			
	possible	(Contact)		
2060m	Can recognize face of friend or			
	familiar person	(Near)		
60 - 180m	Can distinguish se	ex, age, man-		
	nerisms	(Selective)		
180 - 540 m	Can recognize	objects as		
	human being	(Equal)		
540 – 1,600m	Can tell if someth	ing is moving		
	or still	(Remote)		

- The limit to what can be felt to be one space, outdoors, is that within 450-500m. It will be possible to control perception say of a parade, so that when a parade is being viewed from one end of the plaza, it will first be perceived as a mass at the far end of the plaza, and as it approaches more details will become perceivable, in a dramatic manner.
- Vertical visual analysis

Differing from an urban plaza which is surrounded by buildings in the middle of a city, in the case of this plaza it is necessary to harmonize it with the park environment, and also to assure the safety and ease of movement of the people using the plaza, so that to an extent it must be "open". But when a plaza is on a perfectly level site, it is by no means easy to organize and define it. Therefore, the ground is to be graded so as to have some variation in level, and by this and careful use of planting, a gentle enclosure will be effected, to facilitate perception of the plaza as one coherent space. A centle slope of 1.25% will be formed at 120-130m from the center of the plaza in the direction of the long axis, which is believed to be an appropriate distance, to limit vision and assist in creating a sense of enclosure. In the direction of the short axis, use of street trees will similarly provide enclosure, and a minimum gradient of 14° is to provided.

Fig. -- 36 Visual Stanza of Ceremonial Plaza



Supporting Facilities and Installations

The following are facilities and installations required for the various ceremonies and other special events. It will be necessary to attain an optimum balance of effective services and investment in deciding on the basis of frequency of ceremonies and special events as well as the peak demand made by those performing or watching of the type of both temporary and permanent facilities installations.

Function	Required Flexible Installations	Fixed Instatiations
Service	Movable seat Temporary toilet Kiosk First aid	Public tolets Storage Restaurant
Decoration	Buntings, Flags, Stage	Flag pole Multiple use structure
Lighting	Illumination Laser beam units	High pole light
Broad- casting and Audio- visuat	Temporary speaker system, Wide screer	Broadcasting system
Control	Rope, Guide post	Sign board
UBitty	Temporary power supply (Generator)	Flexible type of utility network

