

ASTANA

THE DEVELOPMENT OF THE CITY OF ASTANA
IN
THE REPUBLIC OF KAZAKHSTAN

LEGEND

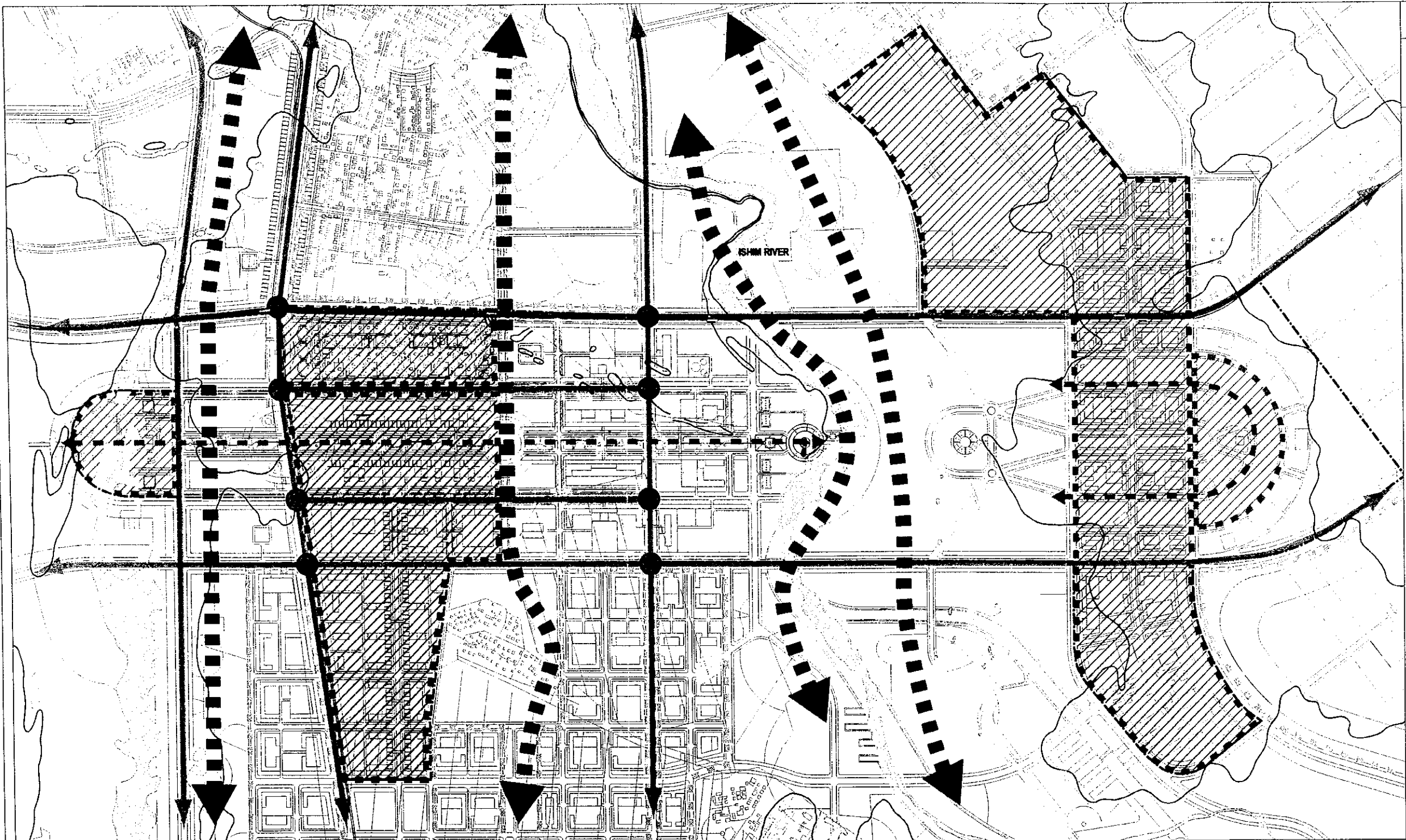
GOVERNMENTAL ZONE
BUSINESS ZONE
DIPLOMAT ZONE
CULTURAL ZONE
RESIDENTIAL ZONE

GREEN NETWORK
TRAFFIC
GREENRY ZONE
ACCESS POINT

NEW CITY CENTER
ZONE CATEGORIZATION PLAN
JICA MASTER PLAN TEAM
HEADED BY KIRITO KUROKAWA

0 100m 200m 500m

FIGURE 3.7.1-A



ASTANA

THE DEVELOPMENT OF THE CITY OF ASTANA
IN
THE REPUBLIC OF KAZAKHSTAN

LEGEND

FLOOR AREA RATIO
LIMITATION

- 500%
- 200%

ZONING

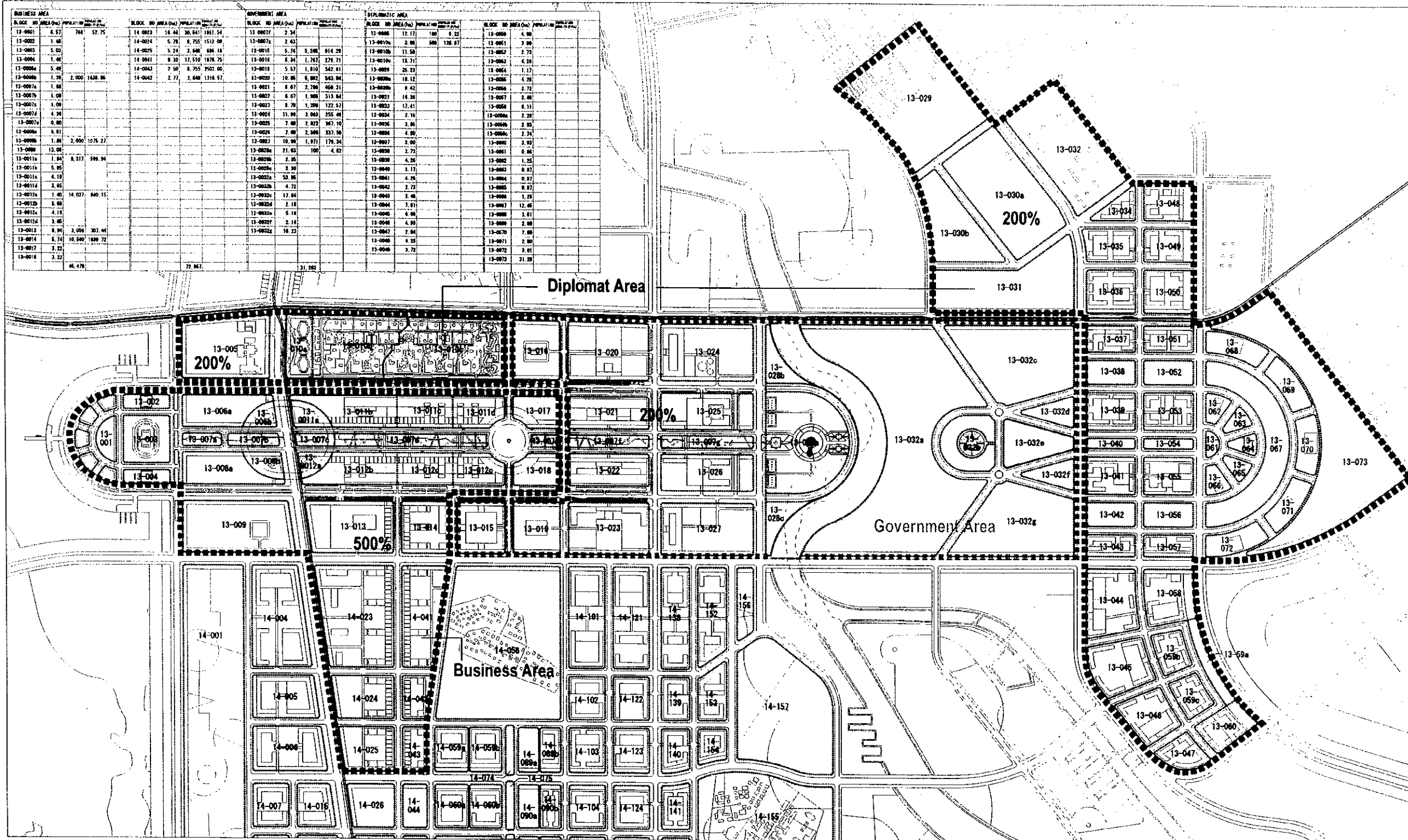
- GOVERNMENT AREA
- BUSINESS AREA
- DIPLOMAT AREA

NEW CITY CENTER
BLOCK & DENSITY
CONTROL PLAN

JICA MASTER PLAN TEAM
HEADED BY YERNO KUROKAWA

0 100m 200m 300m

FIGURE 3.7.1-B



ASTANA

THE DEVELOPMENT OF THE CITY OF ASTANA
IN
THE REPUBLIC OF KAZAKHSTAN

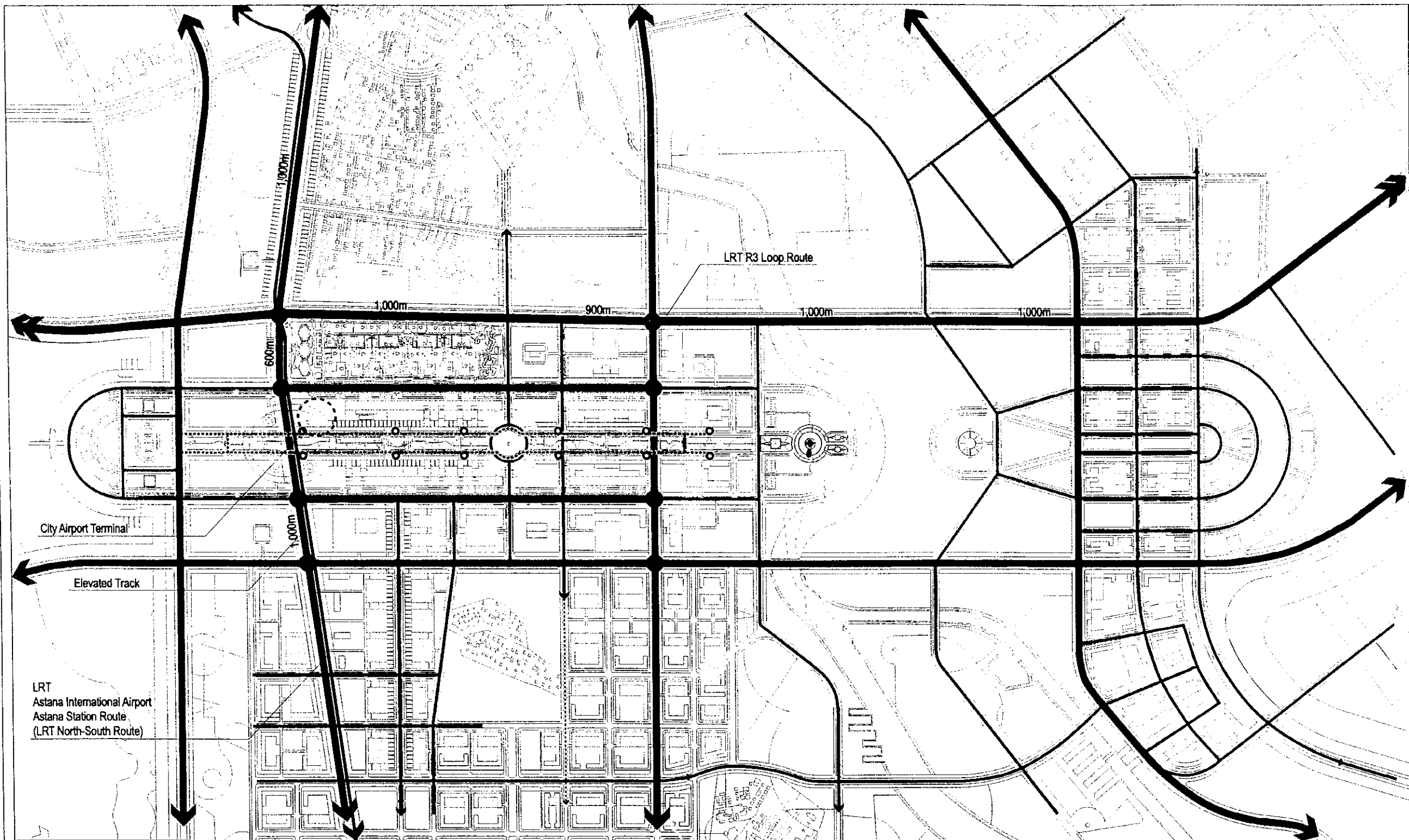
LEGEND

- MAIN LINE ROAD
- SUB LINE ROAD
- LRT LINE
- ROUND BUS
- CITY BUS
- BUS STATION
- ACCESS POINT
- PARKING SPACE
- TERMINAL

NEW CITY CENTER
ROAD NETWORK &
PUBLIC TRANSPORT PLAN
JICA MASTER PLAN TEAM
HEADED BY KINHO KUROKAWA

0 100m 250m 500m

FIGURE 3.7.2



ASTANA

THE DEVELOPMENT OF THE CITY OF ASTANA
IN
THE REPUBLIC OF KAZAKHSTAN

LEGEND

OPEN SPACE, RECREATION

- PARK
- LOCAL GARDENS/PLAZA
- BOULEVARDS/AVENUES
- GREEN OPEN SPACE
- ECO FOREST
- RIVER
- LAKES

PUBLIC/INSTITUTIONAL USES

- PRESIDENTIAL BLOCK
- GOVERNMENT BLOCK
- DIPLOMATIC BLOCK
- EXISTING & PLANNED EMBASSY
- CULTURAL BLOCK

PRIVATE USES

- LOW DENSITY RESIDENTIAL USES
- MEDIUM DENSITY RESIDENTIAL USES
- HIGH DENSITY RESIDENTIAL USES
- BUSINESS BLOCK
- SEMI-PUBLIC BLOCK
- LOWRISE COMMERCIAL & RESIDENTIAL USES ALONG STREET
- LOWRISE COMMERCIAL USES ALONG STREET
- EXISTING SEMI-INDUSTRIES

OTHERS

- FUTURE EXPANSION AREA

TRANSPORTATION

- LRT STATION
- SHUTTLE BUS STATION
- BUS TERMINAL

INFRASTRUCTURE

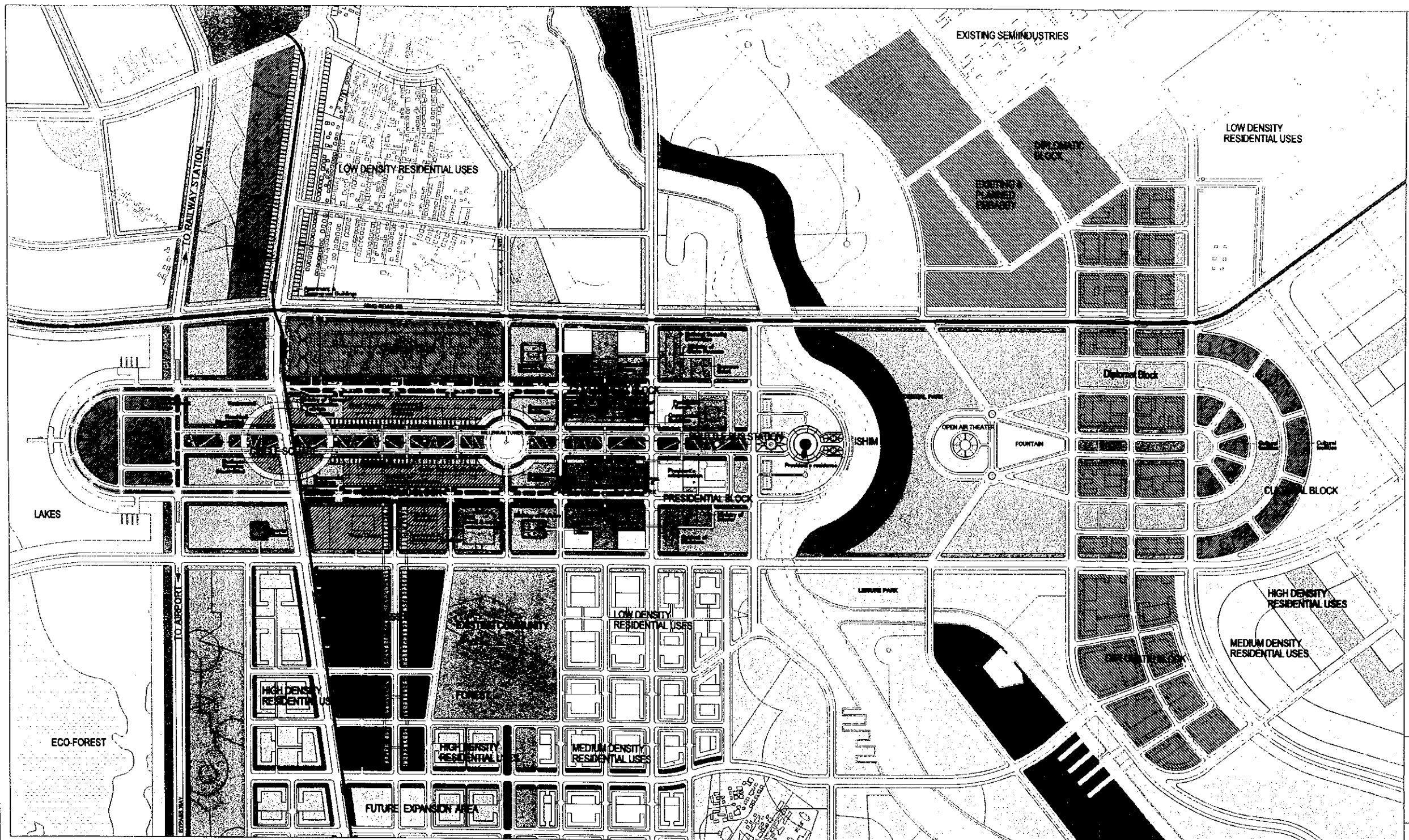
- SEWERAGE PUMPING STATION
- STORM WATER TREATMENT POND
- HEAT CENTER
- POWER CABLE SUBSTATION (110kv/10kv)
- TELECOMMUNICATION CENTER
- GAS DISTRIBUTION STATION

NEW CITY CENTER LAND USE PLAN

JICA MASTER PLAN TEAM
HEADED BY KOHJI KUROKAWA



FIGURE 3.7.3



[illegible]

```
OPEN SPACE RECREATION
PARKS
TULLAH GARDENS PLAZA
BONNIE PARKS GARDENS
GREENSBORO PARK
ECHO LAKE
FOSTER
CARRS
```

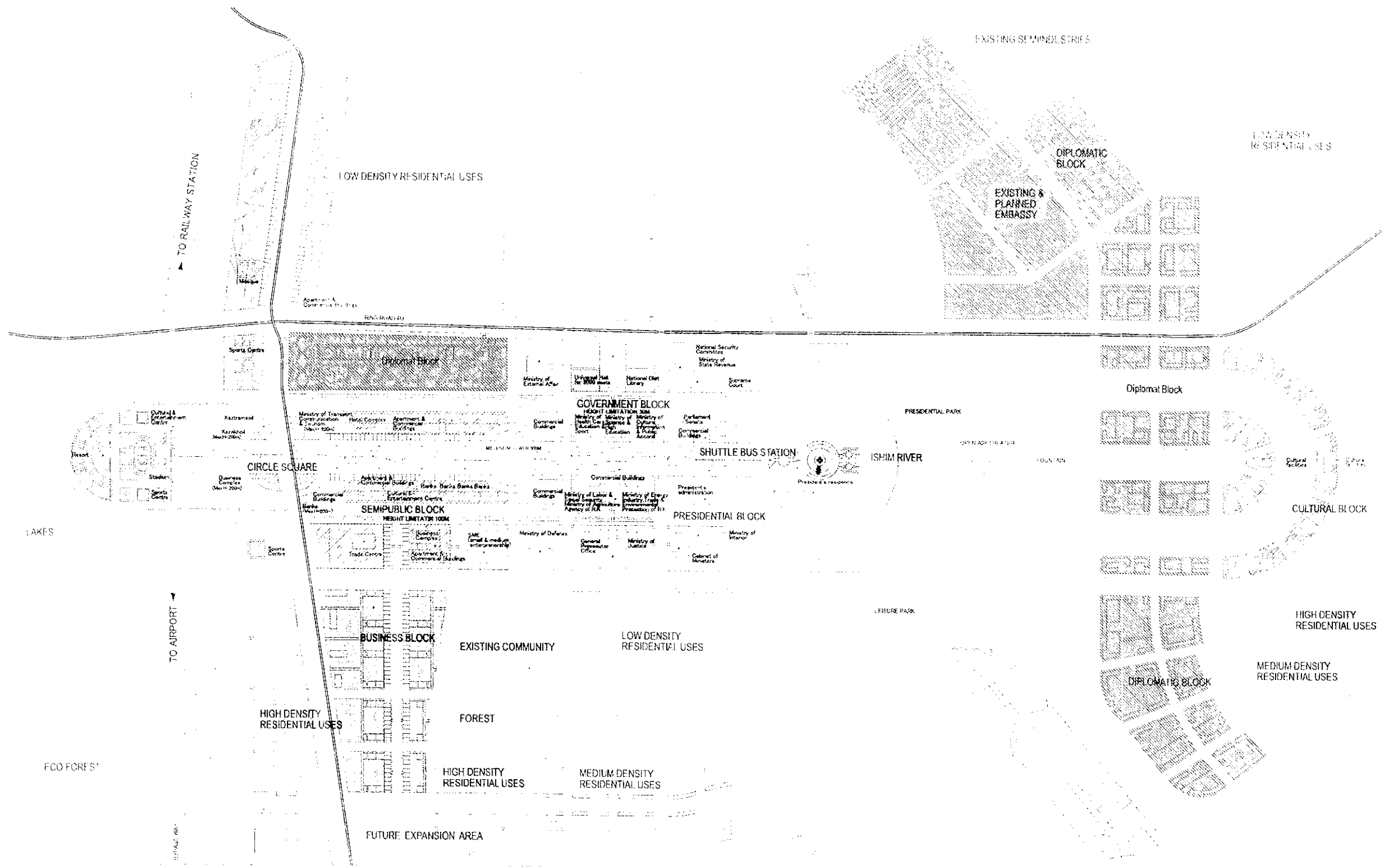
☐ FOREIGN AFFAIRS
☐ GOVERNMENT POLICE
☒ DIPLOMACY, FOREIGN
☐ EXISTING & PLANNED MEDIA
☐ TELEPHONE BOOK

LOWE'S SCIENTIFIC
METHODS OF
RESCUE IN THE
CASE OF
BUSINESS BLOCK
SEMPER PAR
LOWE'S COMMERCIAL &
DENTAL CASES ALONG ST
LOWE'S COMMERCIAL &
ALONG STREET
EXISTING SEMIPROFESSOR

Figures 1 and 2 are

$\text{E}(\text{N}) = 5.7 \times 10^{-10} \text{ s}^{-1}$
 $\text{E}(\text{H}) = 1.1 \times 10^{-10} \text{ s}^{-1}$
 $\text{E}(\text{S}) = 2.4 \times 10^{-10} \text{ s}^{-1}$

SEWERAGE PUMPING STATION
STORMWATER TREATMENT
PLANT
POWERABLE SUBSTATION
TELECOMMUNICATIONS
CABLE TRENCHING

JICA MASTER PLAN TEAM
TAKASHI KANEKO, CHIEF OF PARTY
YOSHIO OKADA, MEMBER[illegible]

ASTANA

THE DEVELOPMENT OF THE CITY OF ASTANA
IN
THE REPUBLIC OF KAZAKHSTAN

LEGEND

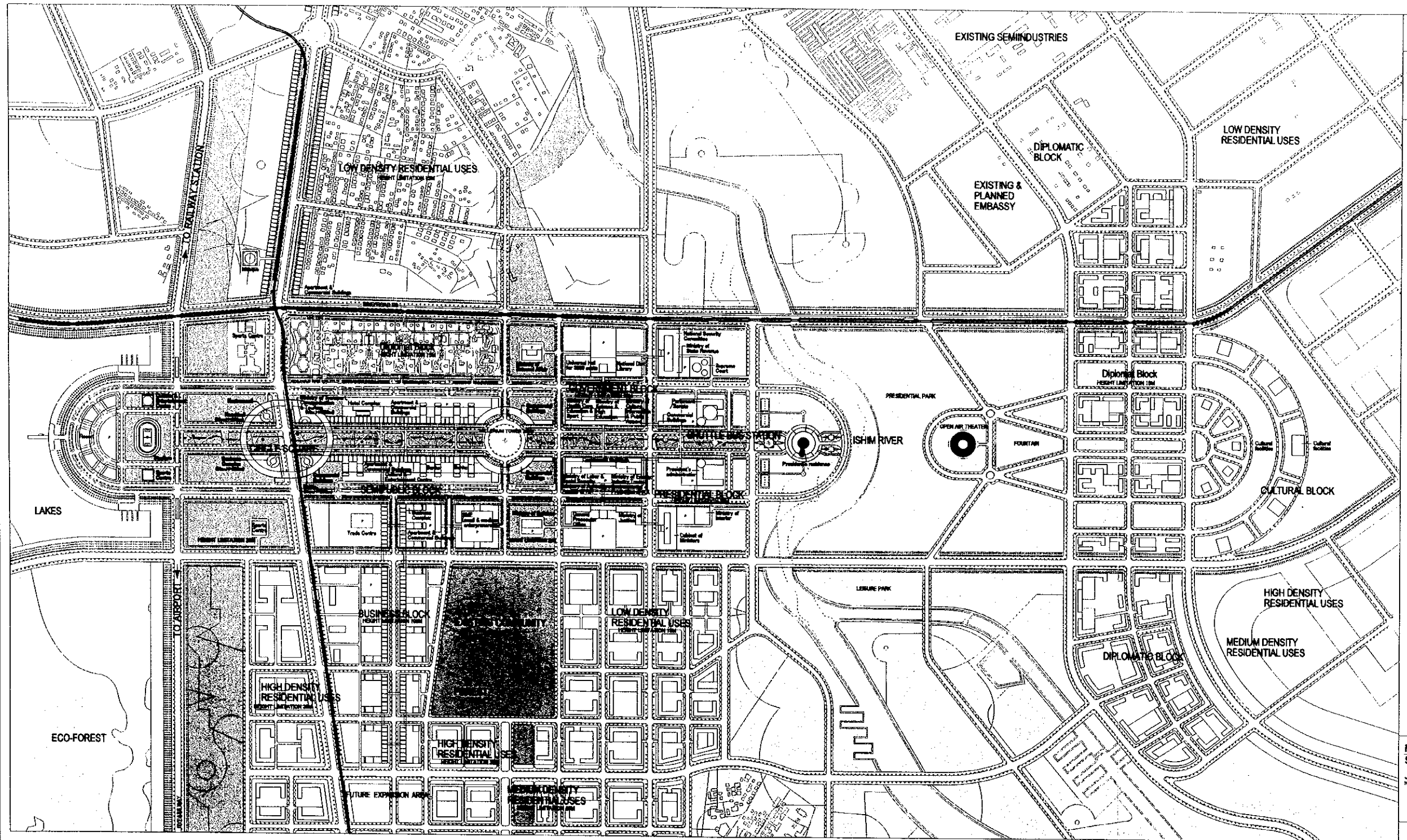
- FOREST
- STREET TREES
- PARK
- PARKING

NEW CITY CENTER SITE PLAN

JICA MASTER PLAN TEAM
HEADED BY KIMIO KUROKAWA

0 100m 200m 300m

FIGURE 3.7.4

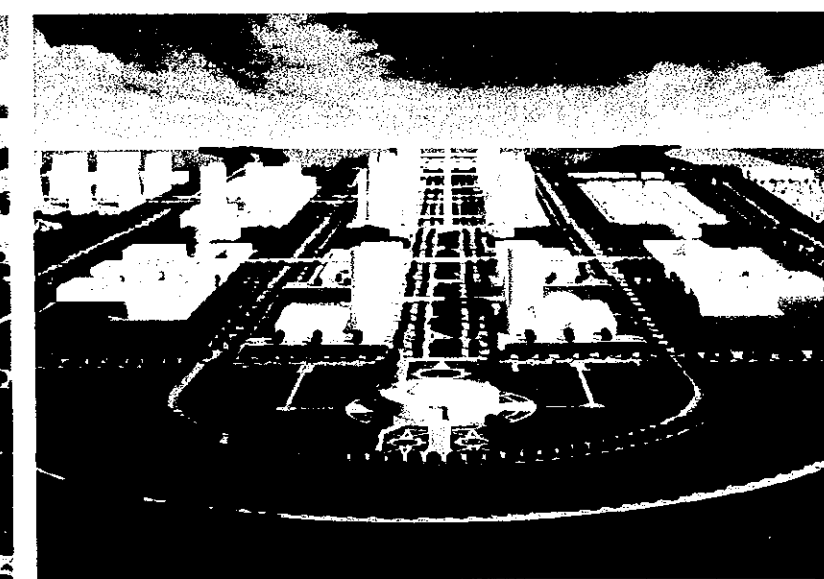
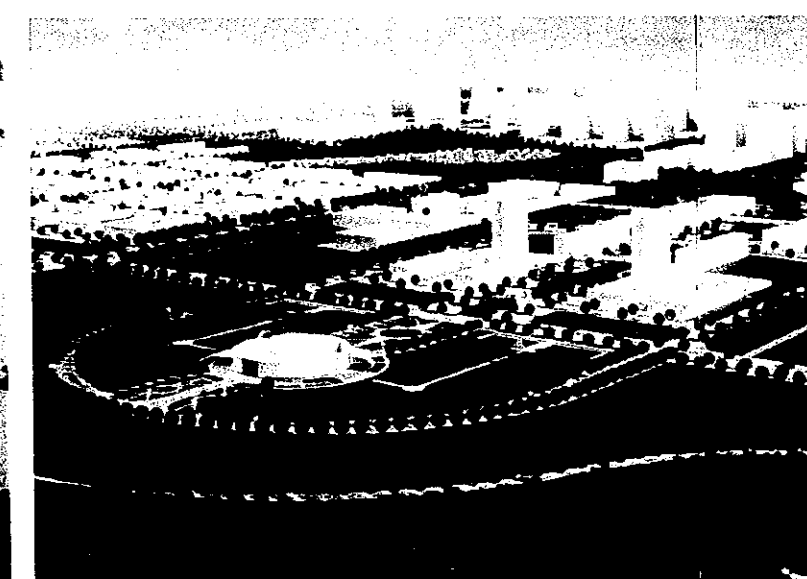
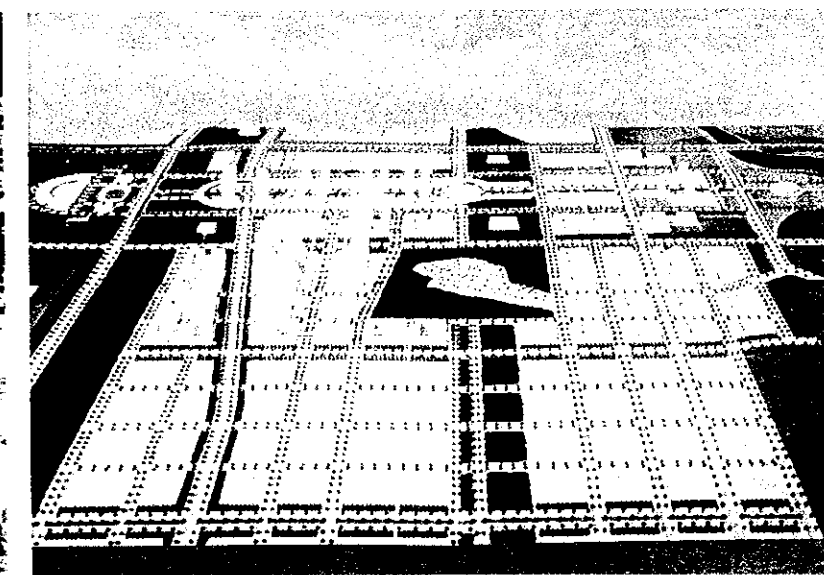
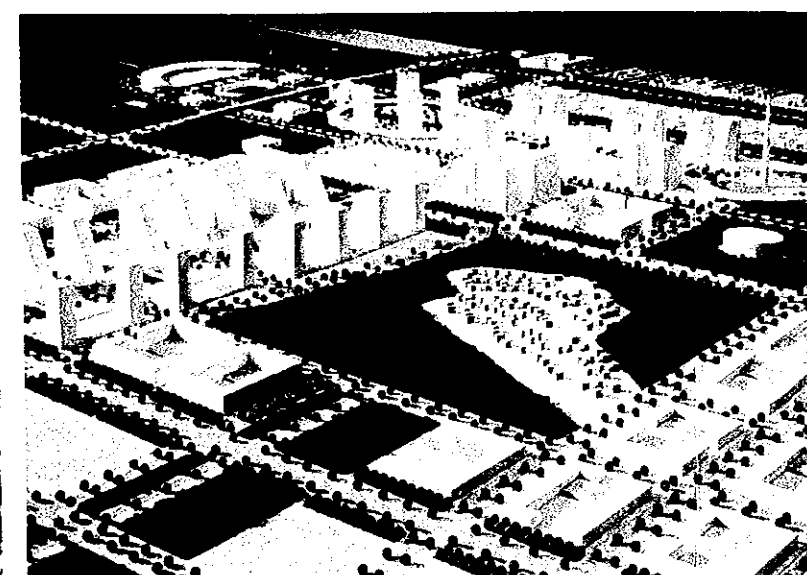
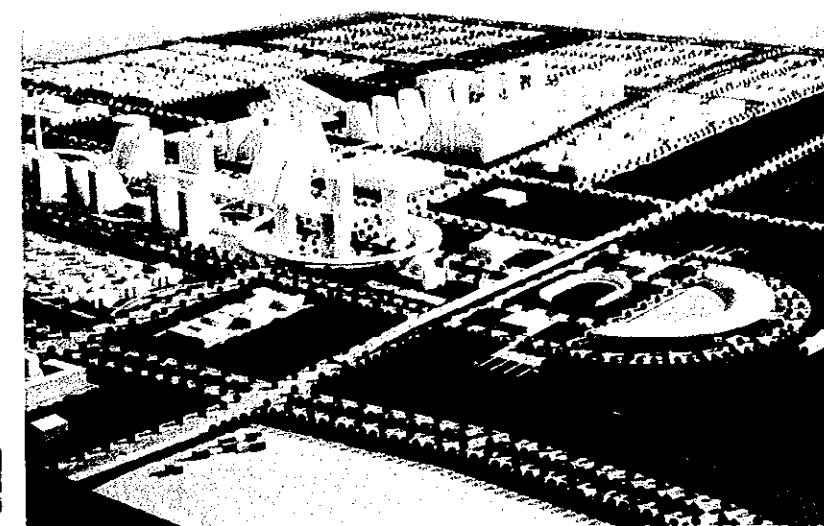
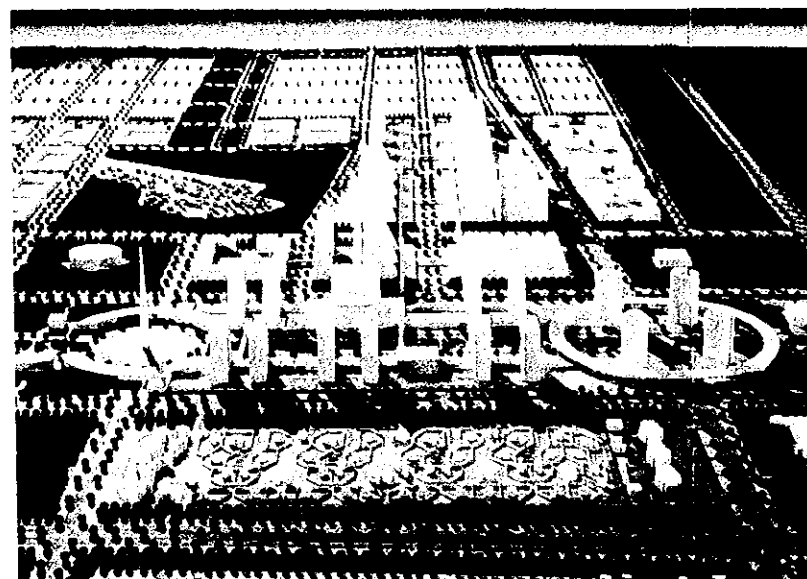
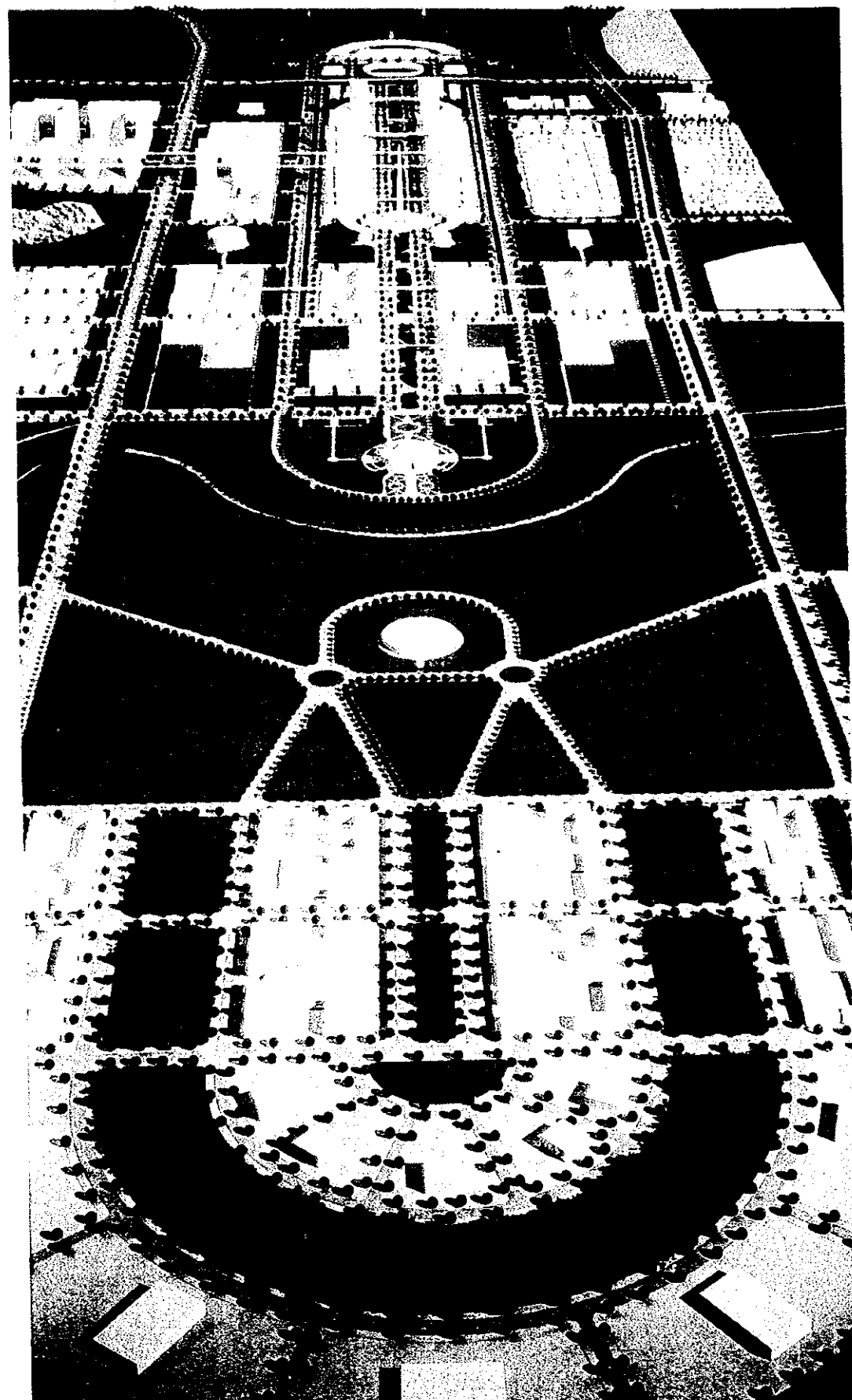


THE DEVELOPMENT OF THE CITY OF ASTANA
IN
THE REPUBLIC OF KAZAKHSTAN

FOREST
STREET TREES
PARK
PARKING

0 100m 250m 500m

FIGURE 3.7.4



ASTANA CITY THE REPUBLIC OF KAZAKHSTAN

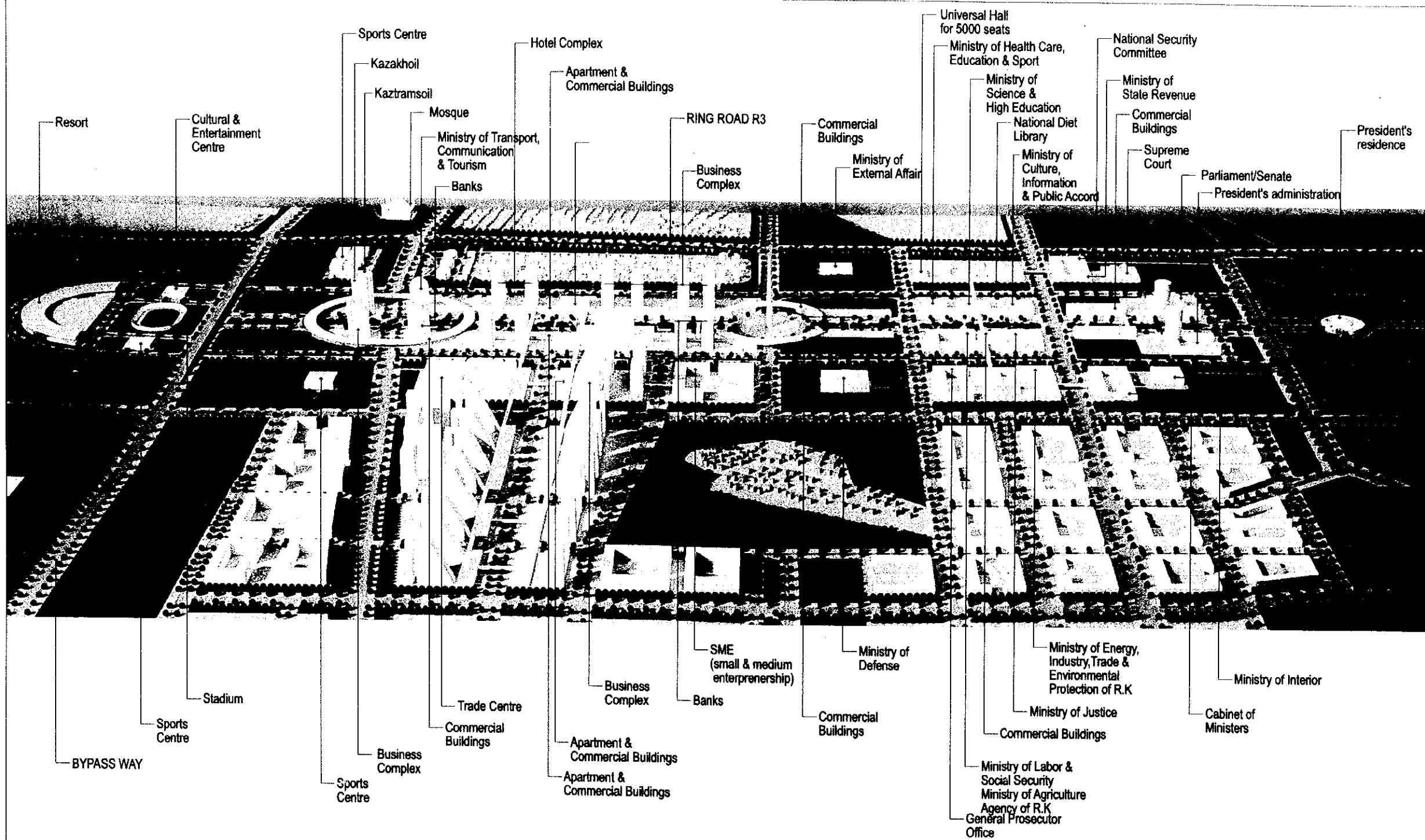
THE IMAGE OF NEW CITY CENTER AREA

JICA MASTER PLAN TEAM / HEADED BY KISHO KUROKAWA

FIGURE 3.7.5

ASTANA

THE DEVELOPMENT OF THE CITY OF ASTANA
IN
THE REPUBLIC OF KAZAKHSTAN



NEW CITY CENTER
PERSPECTIVE VIEW OF
MAIN FACILITIES

JICA MASTER PLAN TEAM
HEADED BY KISHIO KUROKAWA



FIGURE 3.7.6

ASTANA

THE DEVELOPMENT OF THE CITY OF ASTANA
IN
THE REPUBLIC OF KAZAKHSTAN

LEGEND

- ~2005
- ~2010
- ~2015
- ~2020
- ~2025
- ~2030

FUTURE
EXPANSION AREA

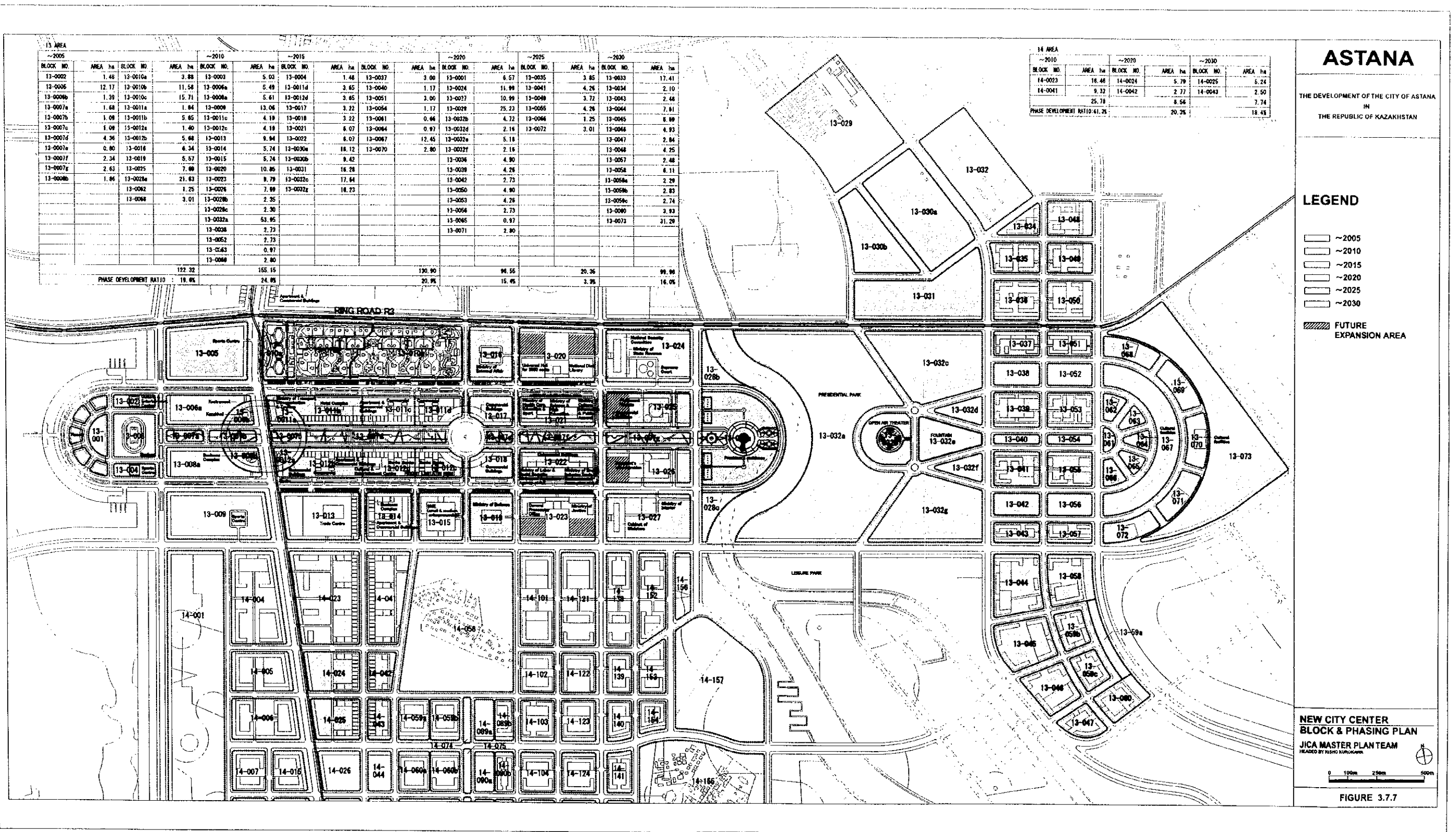
NEW CITY CENTER
BLOCK & PHASING PLAN
JICA MASTER PLAN TEAM
PREPARED BY KAZAKHSTAN

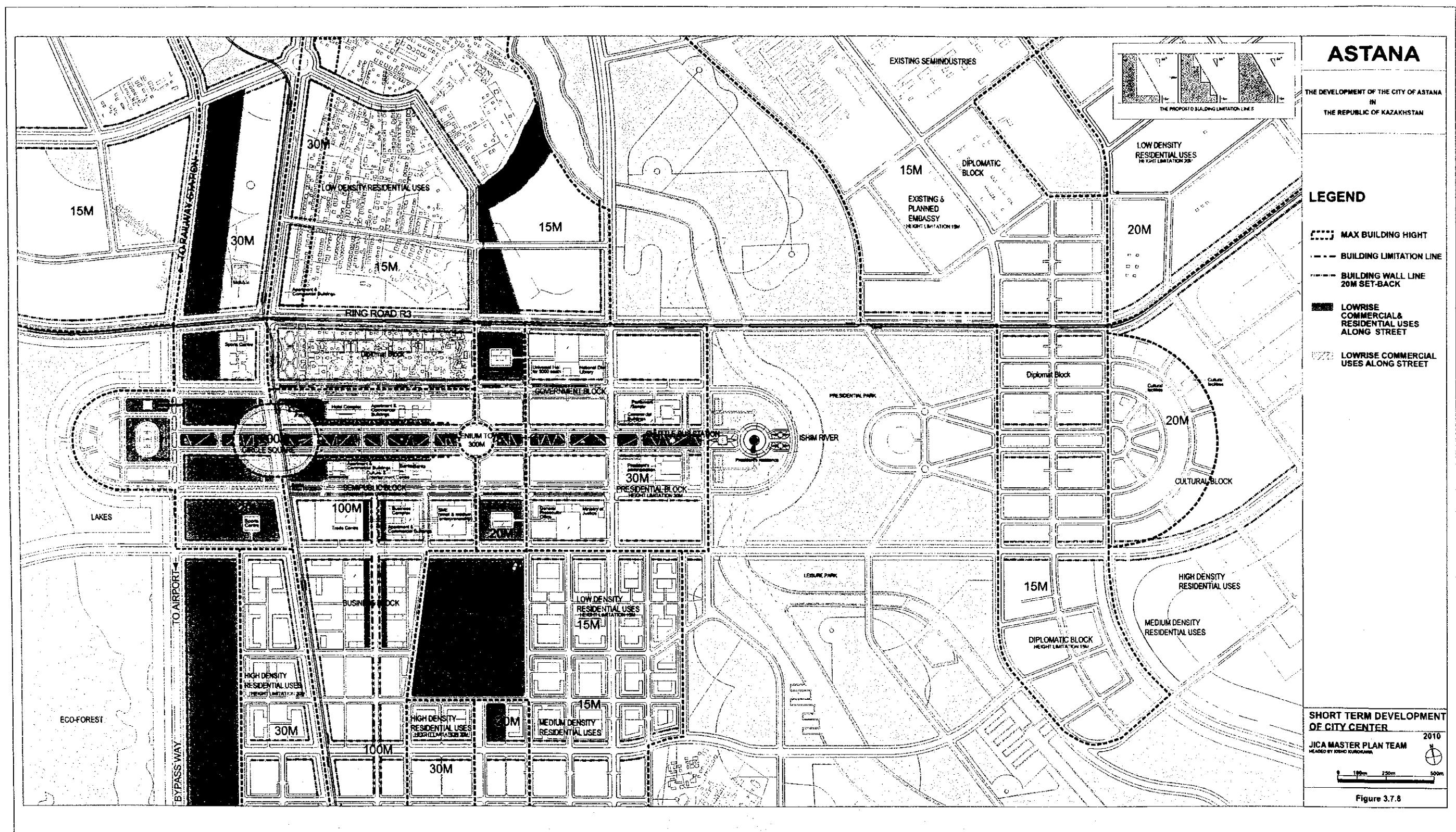
0 100m 250m 500m

FIGURE 3.7.7

13 AREA		~2005		~2010		~2015		~2020		~2025		~2030	
BLOCK NO.	AREA ha	BLOCK NO.	AREA ha	BLOCK NO.	AREA ha	BLOCK NO.	AREA ha	BLOCK NO.	AREA ha	BLOCK NO.	AREA ha	BLOCK NO.	AREA ha
13-0002	1.48	13-0010a	3.88	13-0003	5.03	13-0004	1.48	13-0037	3.00	13-0001	6.57	13-0035	3.85
13-0005	12.17	13-0010b	11.58	13-0006a	5.48	13-0011a	3.65	13-0040	1.17	13-0024	11.89	13-0041	4.26
13-0006b	1.39	13-0010c	15.71	13-0006a	5.61	13-0011b	3.65	13-0051	3.00	13-0027	10.99	13-0048	3.72
13-0007a	1.68	13-0011a	1.84	13-0008	13.06	13-0017	3.22	13-0054	1.17	13-0028	25.23	13-0055	4.26
13-0007b	1.09	13-0011b	5.85	13-0011c	4.19	13-0018	3.22	13-0061	0.44	13-0029b	4.72	13-0064	1.25
13-0007c	1.09	13-0012a	1.40	13-0012b	4.19	13-0021	6.07	13-0064	0.97	13-0032a	2.16	13-0065	1.25
13-0007d	4.36	13-0012b	5.48	13-0013	9.94	13-0022	6.07	13-0067	12.45	13-0032a	5.18	13-0067	2.84
13-0007e	0.80	13-0014	6.34	13-0014	5.74	13-0030a	18.12	13-0070	2.80	13-0032f	2.16	13-0068	4.25
13-0007f	2.34	13-0019	5.57	13-0015	5.74	13-0030b	9.42	13-0036	4.90	13-0039	4.26	13-0069	2.48
13-0007g	2.63	13-0025	7.60	13-0020	10.85	13-0031	16.78	13-0039	4.26	13-0042	2.73	13-0070	6.11
13-0008b	1.86	13-0028a	21.83	13-0023	9.79	13-0032c	17.84	13-0042	2.73	13-0050	4.90	13-0071	2.83
		13-0062	1.25	13-0026	7.99	13-0032e	18.73	13-0050	4.90	13-0053	4.26	13-0072	21.29
		13-0068	3.01	13-0028b	2.35			13-0053	4.26	13-0054	2.73		
				13-0028c	2.30			13-0054	2.73	13-0058a	2.74		
				13-0032a	53.85			13-0058b	2.83	13-0058c	2.74		
				13-0038	2.73			13-0058d	2.83	13-0060	2.83		
				13-0052	2.73			13-0065	0.97	13-0072	21.29		
				13-0063	0.97			13-0071	2.80				
				13-0068	2.80								
		122.32		155.15		130.90		96.55		20.36		99.98	
		19.4%		24.8%		20.9%		15.4%		3.3%		16.0%	

14 AREA		~2010		~2020		~2030	
BLOCK NO.	AREA ha	BLOCK NO.	AREA ha	BLOCK NO.	AREA ha	BLOCK NO.	AREA ha
14-0023	16.46	14-0024	5.79	14-0025	5.24		
14-0041	9.32	14-0042	2.77	14-0043	2.50		
		25.78		8.54		7.74	
		20.3%		20.3%		18.4%	





ASTANA

THE DEVELOPMENT OF THE CITY OF ASTANA
IN
THE REPUBLIC OF KAZAKHSTAN

LEGEND

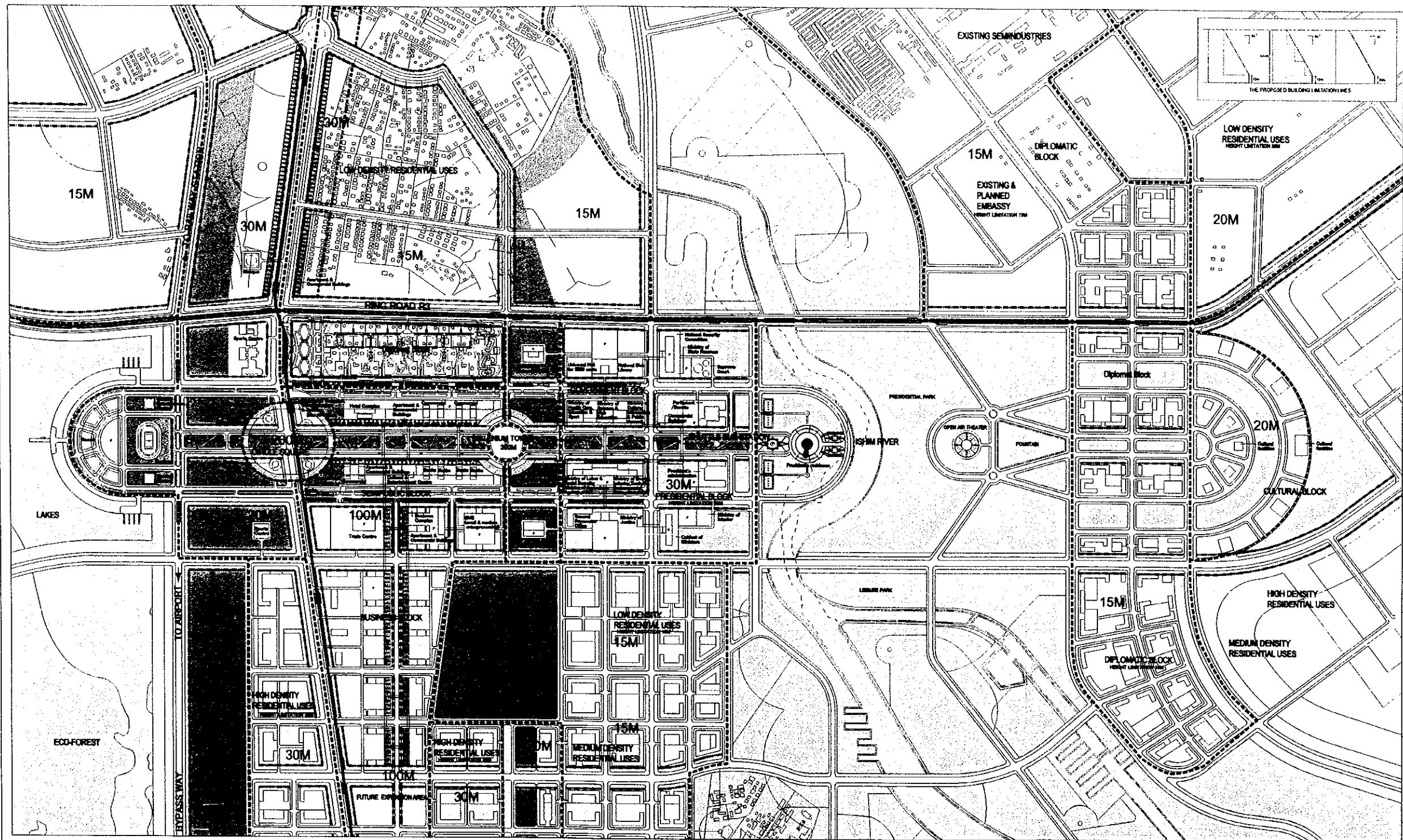
- MAX BUILDING HEIGHT
- BUILDING LIMITATION LINE
- BUILDING WALL LINE 20M SET-BACK
- LOWRISE COMMERCIAL & RESIDENTIAL USES ALONG STREET
- LOWRISE COMMERCIAL USES ALONG STREET

NEW CITY CENTER TOWNSCAPE GUIDELINE

JICA MASTER PLAN TEAM
PREPARED BY KAZAKH JICA OFFICE

0 100m 200m 300m

FIGURE 3.8.1



ASTANA

THE DEVELOPMENT OF THE CITY OF ASTANA
IN
THE REPUBLIC OF KAZAKHSTAN

LEGEND

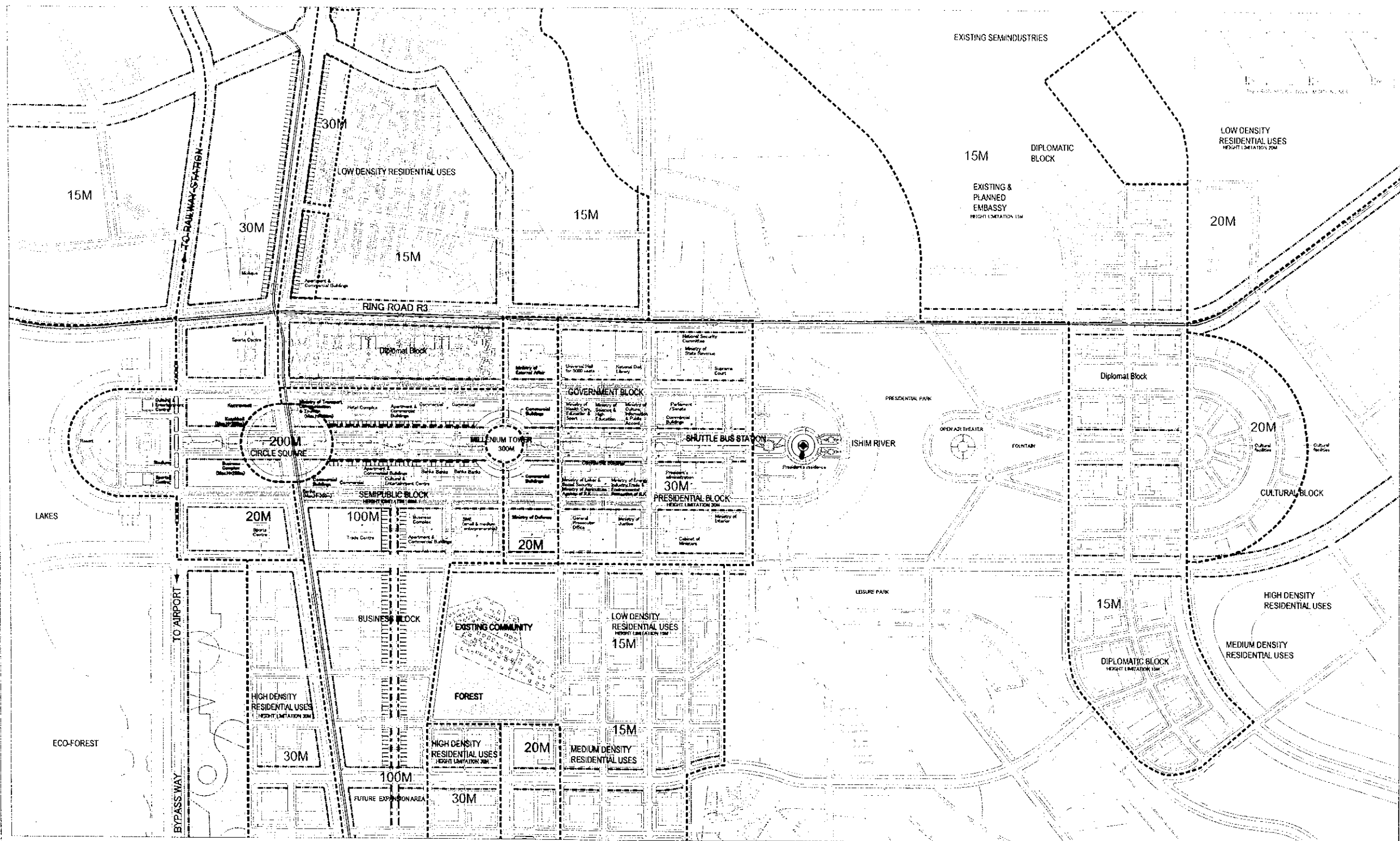
- MAX BUILDING HEIGHT
- BUILDING LIMITATION LINE
- BUILDING WALL LINE 20M SET-BACK
- LOWRISE COMMERCIAL & RESIDENTIAL USES ALONG STREET
- LOWRISE COMMERCIAL USES ALONG STREET

NEW CITY CENTER TOWNSCAPE GUIDELINE

JICA MASTER PLAN TEAM
HEADED BY KISHIO KURICAKANA

0 100m 250m 500m

FIGURE 3.8.1



THE DEVELOPMENT OF THE CITY OF ASTANA
IN
THE REPUBLIC OF KAZAKHSTAN

COLOR CHART

251,375,376,377,378,
387,388,389,401,2562/50%

303,304,305,307,309/50%

084,085,086,120,121,					
122,123,124,2068,2069/50%					

2056	2057	2058	2059	2060/15%

FIGURE 3.8.2

ASTANA

THE DEVELOPMENT OF THE CITY OF ASTANA
IN
THE REPUBLIC OF KAZAKHSTAN

LEGEND

COLOR CHART

GREEN:DICCOLOR

251,375,376,377,378,
387,388,389,401,2562/50%

BROWN:DICCOLOR

303,304,395,307,309/50%

BEIGE:DICCOLOR

084,085,086,120,121,
122,123,124,2068,2069/50%

WHITE:DICCOLOR

2056,2057,2058,2059,2060/15%

NEW CITY CENTER COLOR MASTER PLAN

JICA MASTER PLAN TEAM
PREPARED BY RISHO KUROKAWA

0 100m 250m 500m

FIGURE 3.8.2

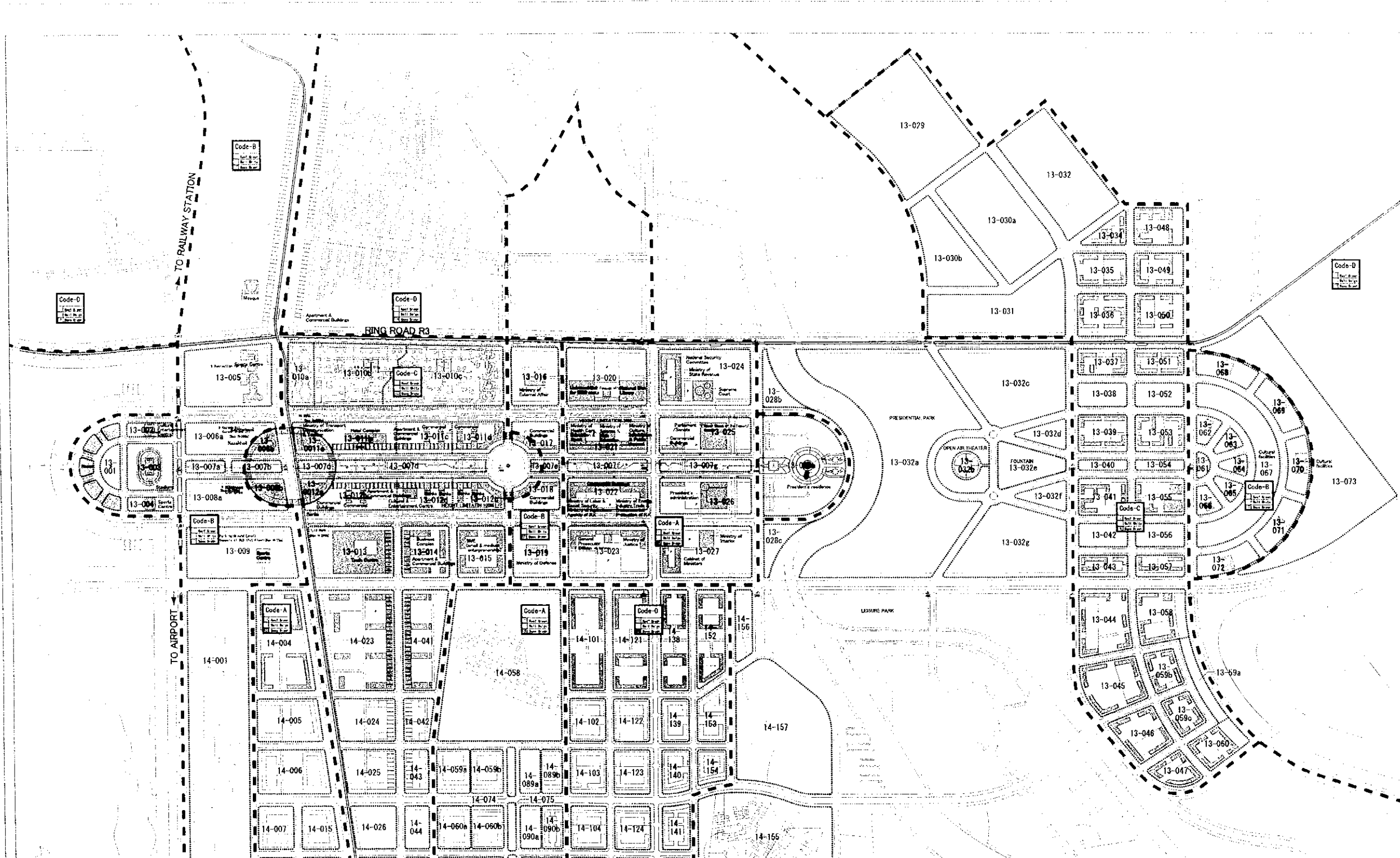
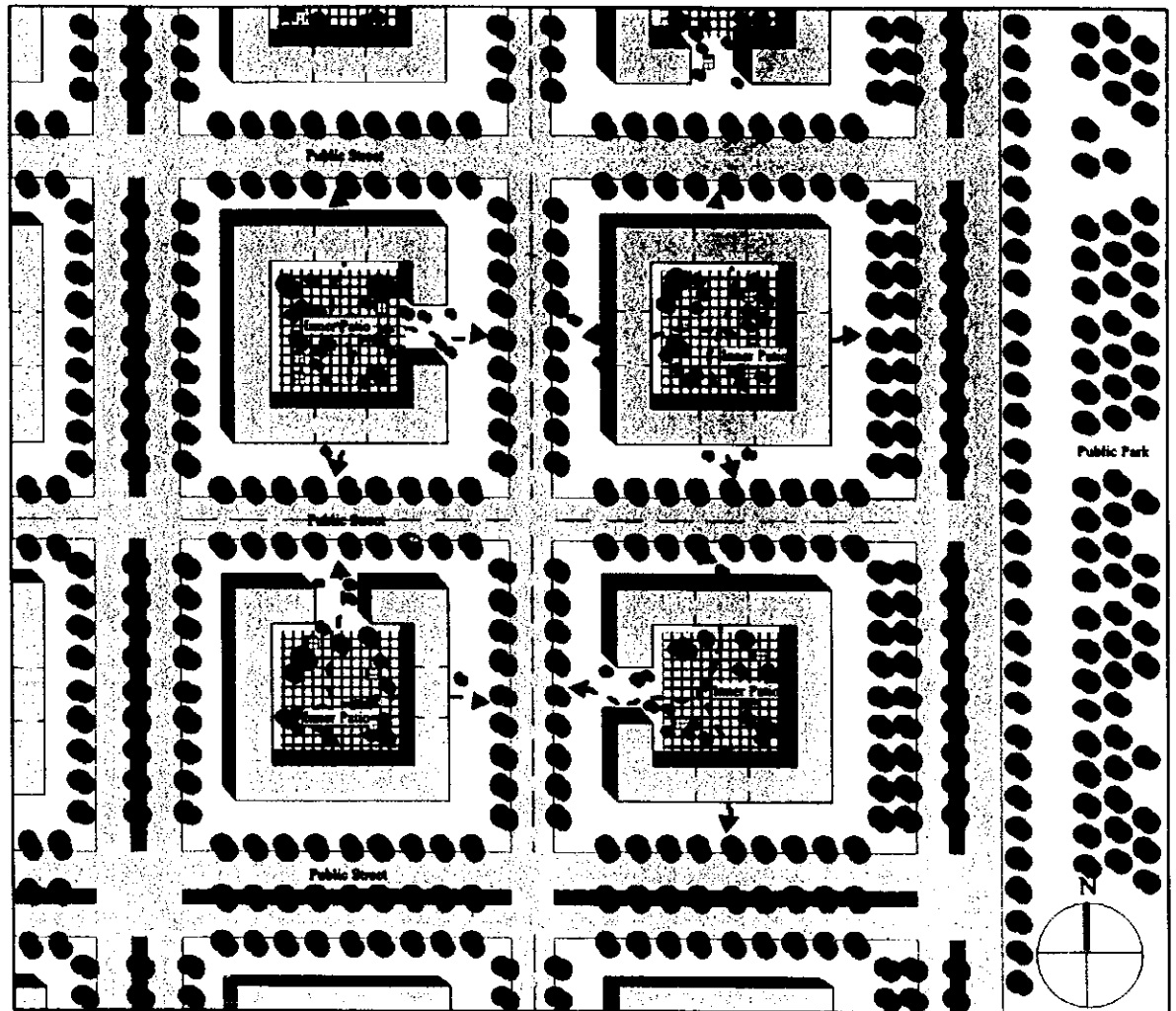
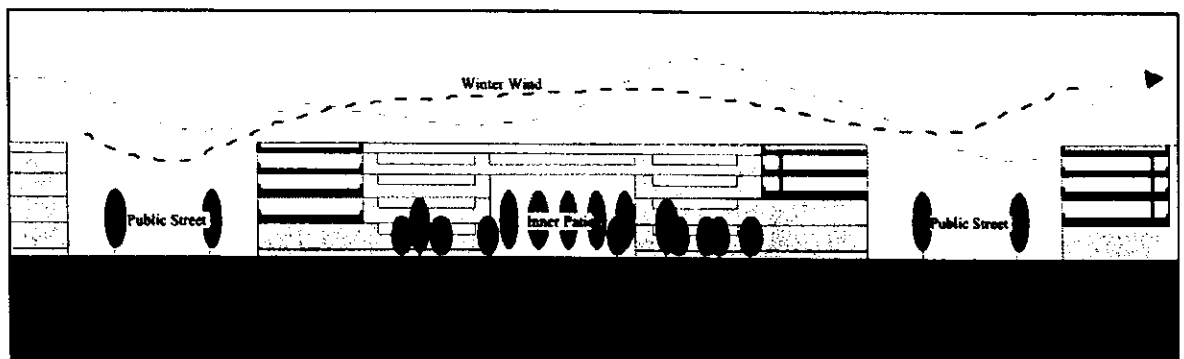


Image Charts of the Inner Patio



Plan



Section

Figure 3.8.3 Image of the Inner Patio
Рисунок 3.8.3 Структура жилых комплексов

