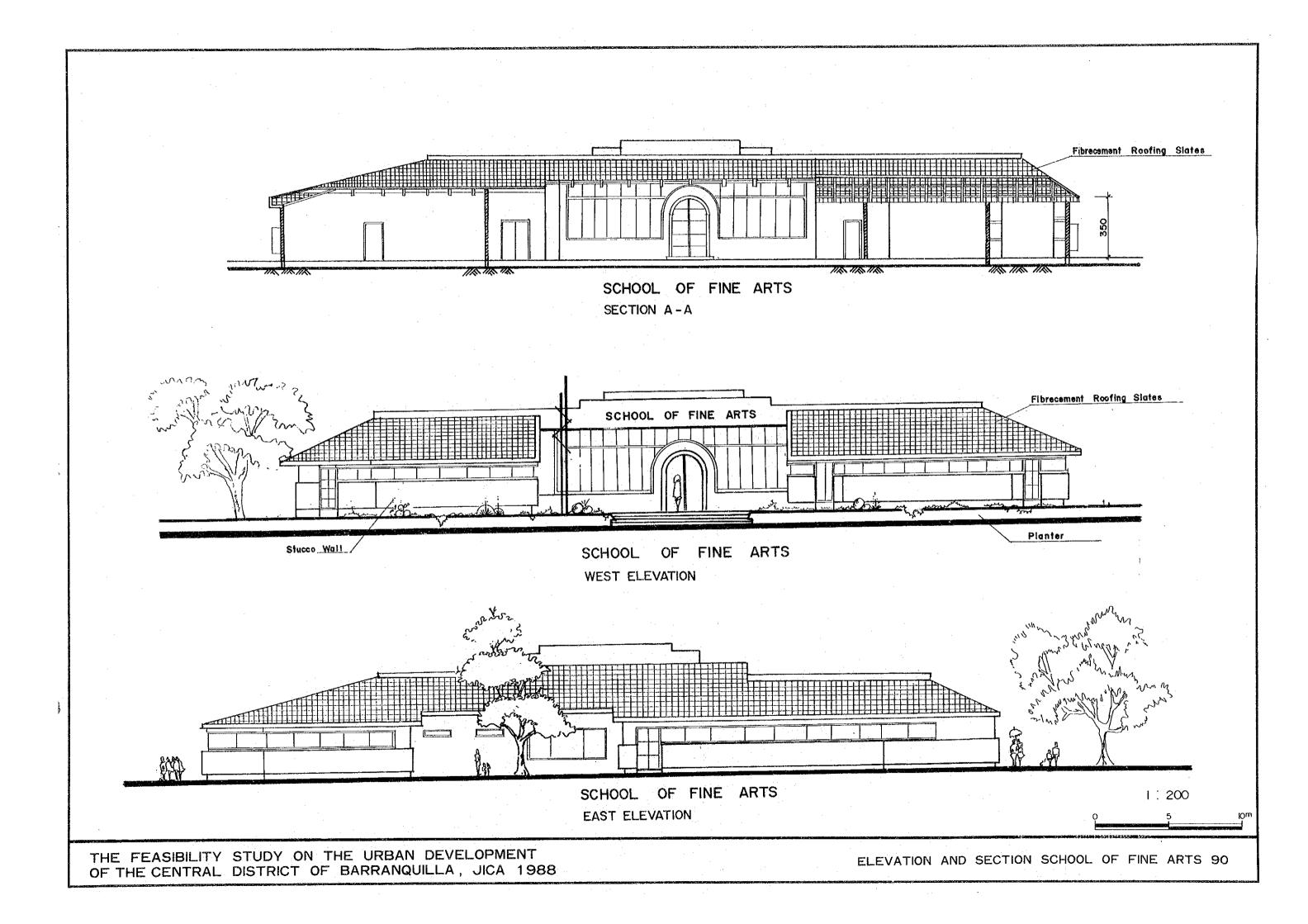


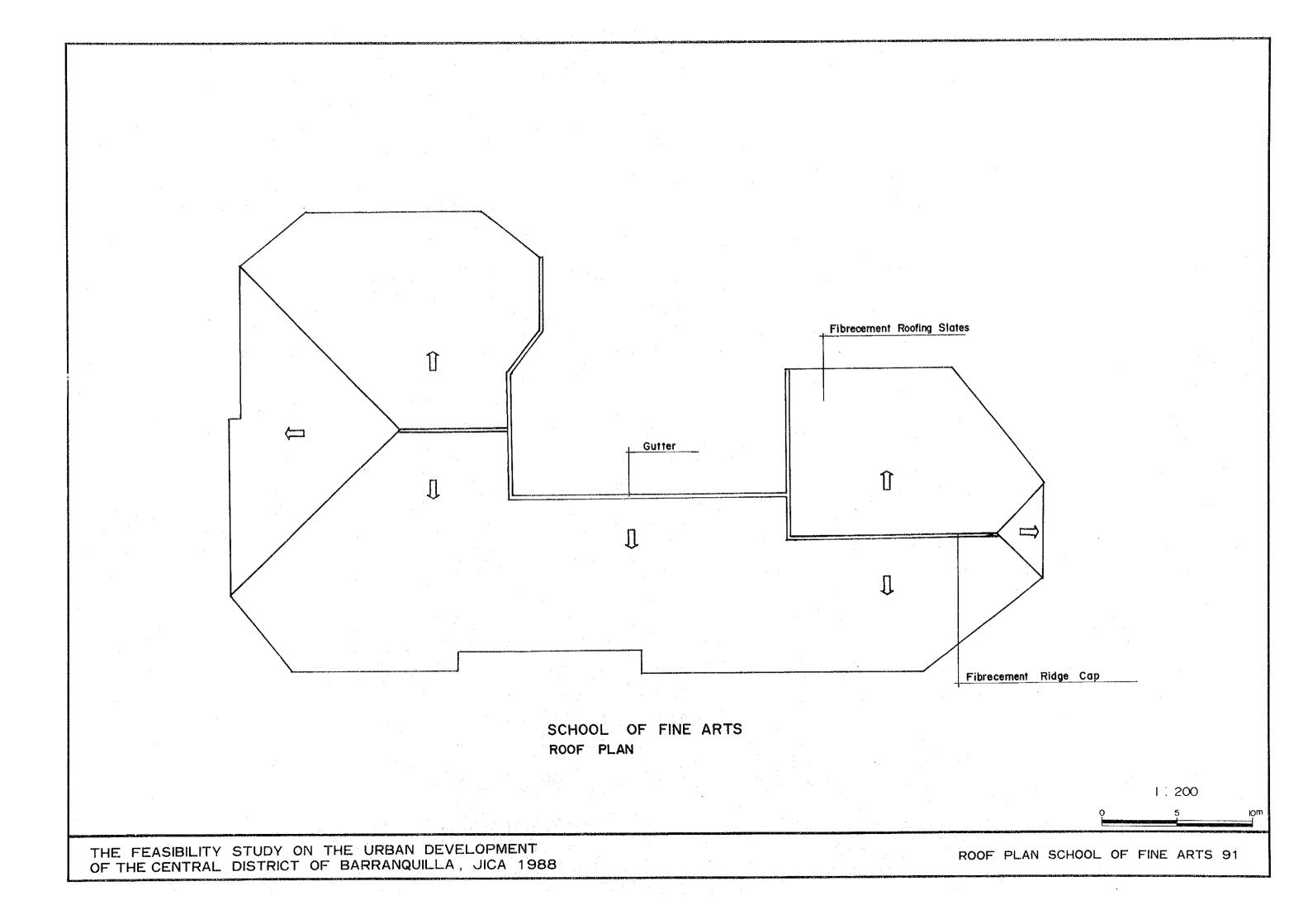


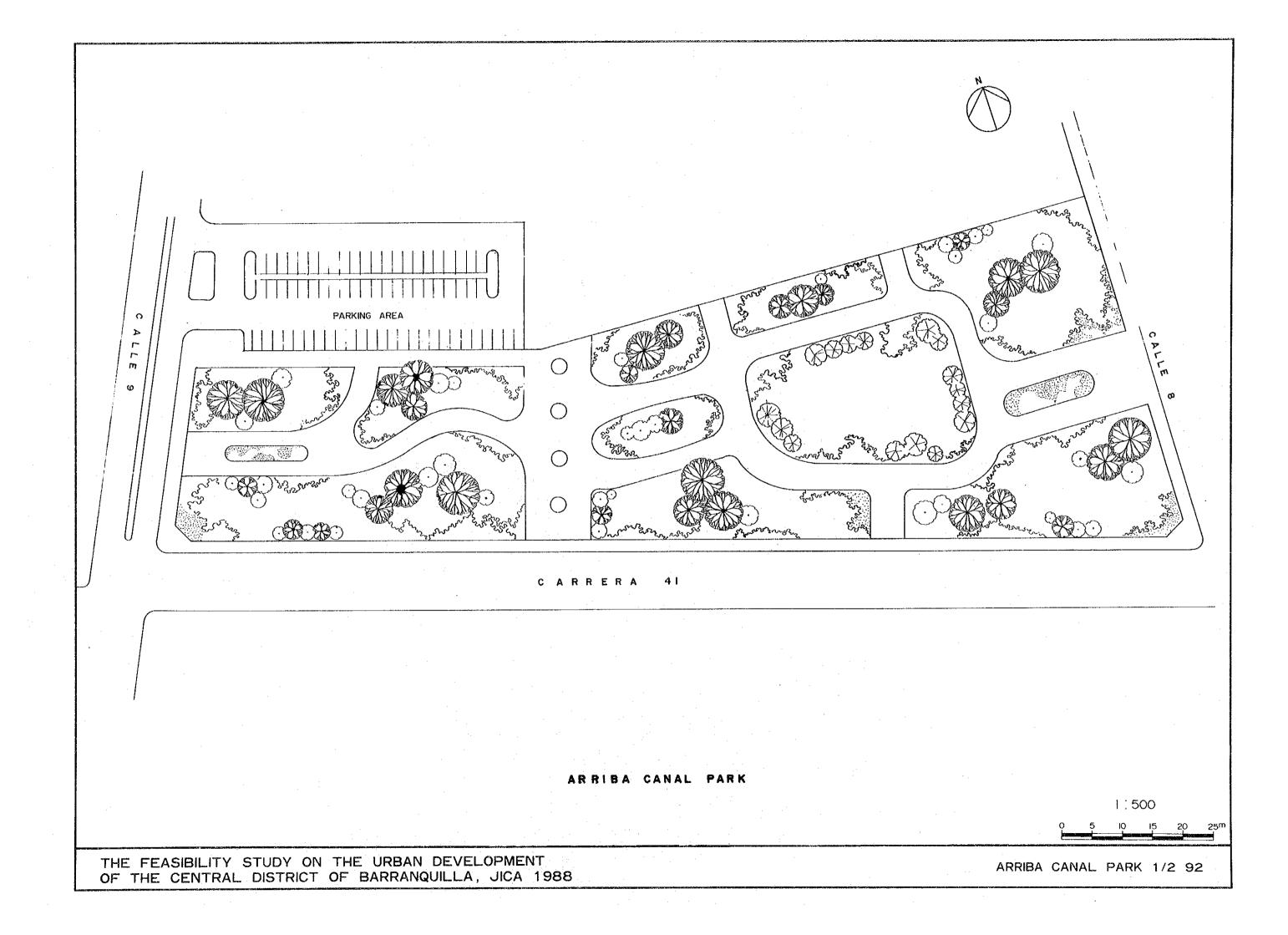
- I ACCESS
- 3 DIRECTOR OFFICE
- STAGE
- SITTING AREA
- 6 THEATER
- CHANGING ROOM
- DANCING ROOM
- W.C
- 10 PAINTING ROOM
- II STORAGE
- 12 ART ROOM

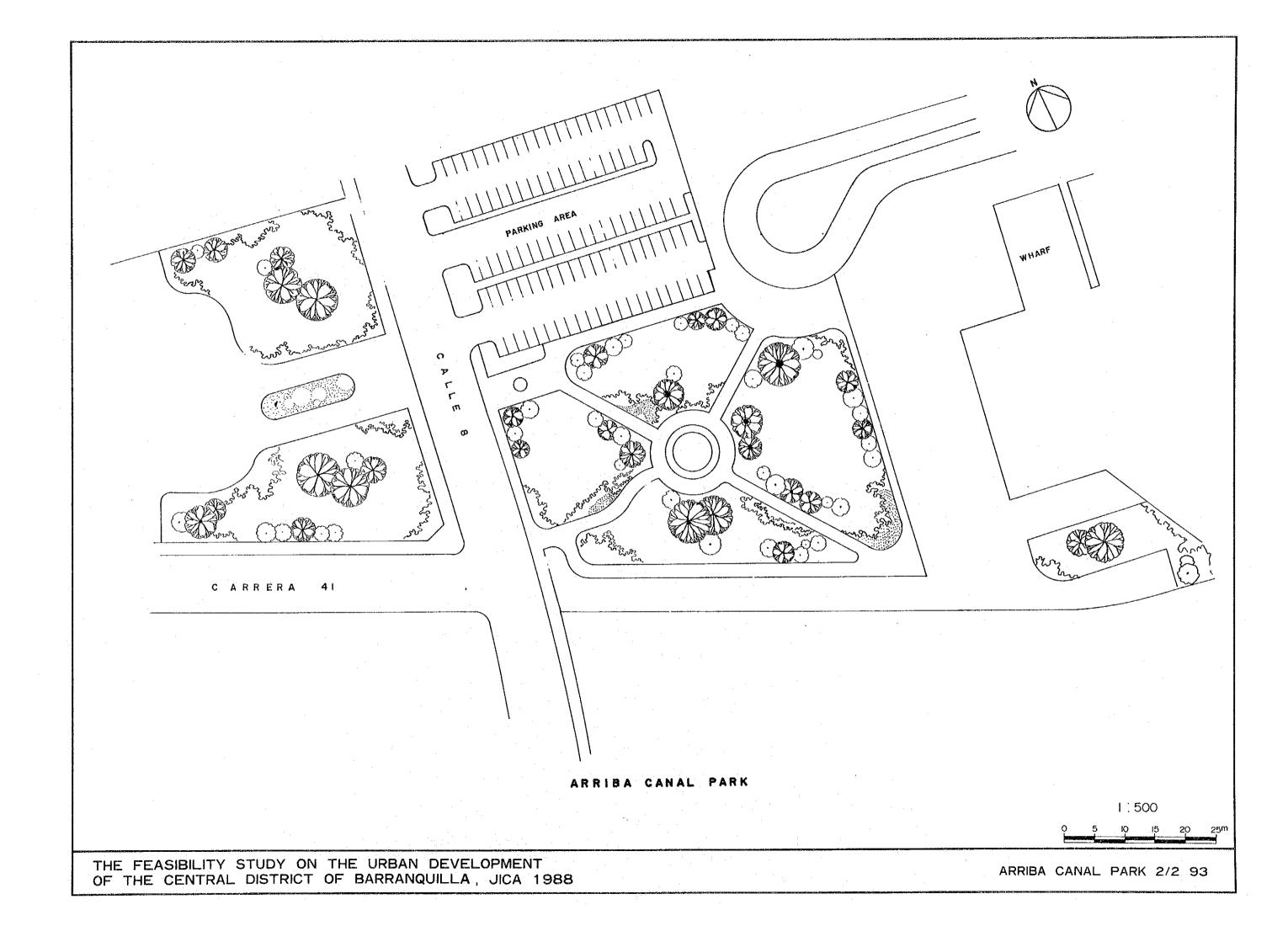
SCHOOL OF FINE ARTS 89

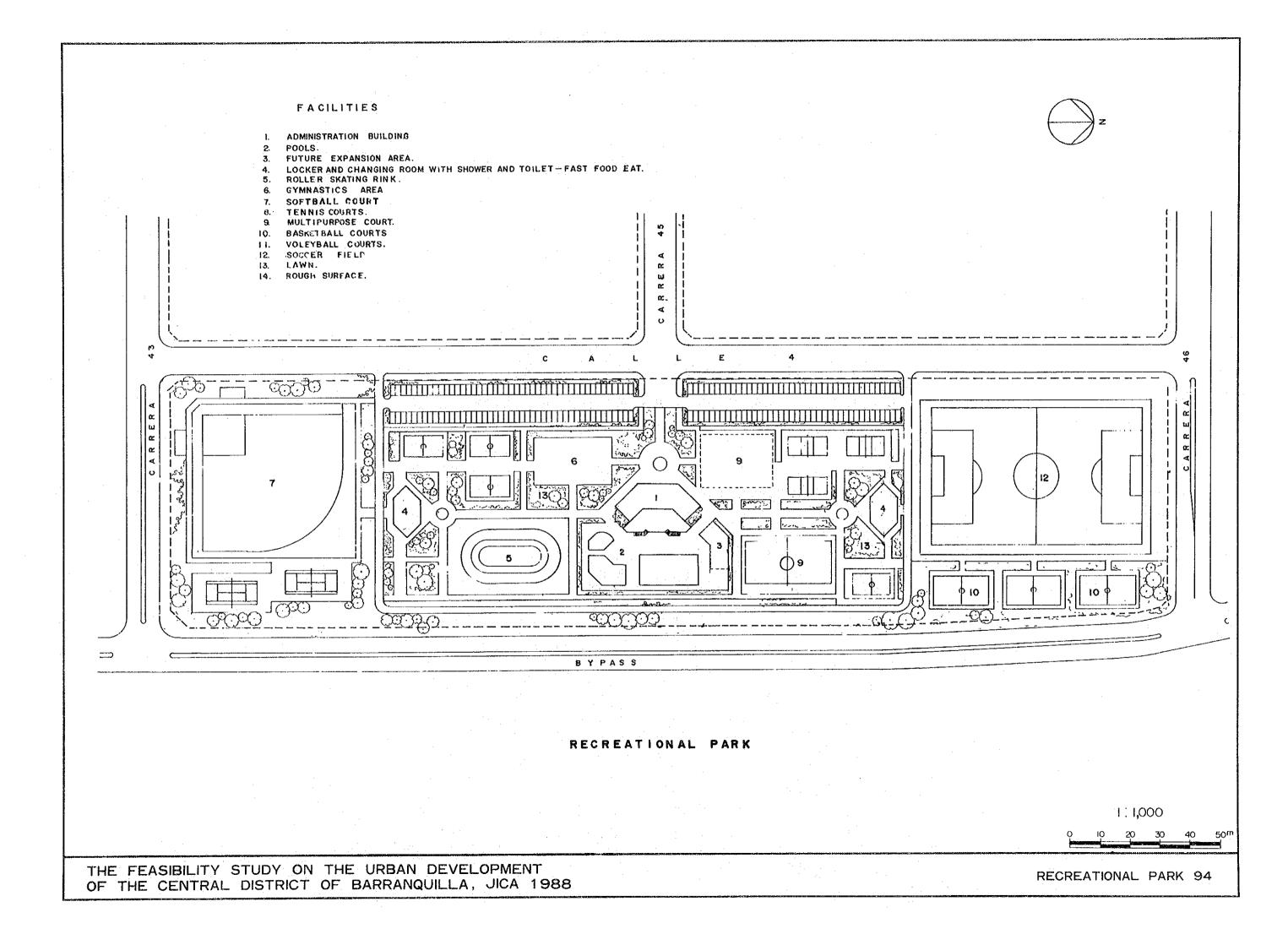
Α

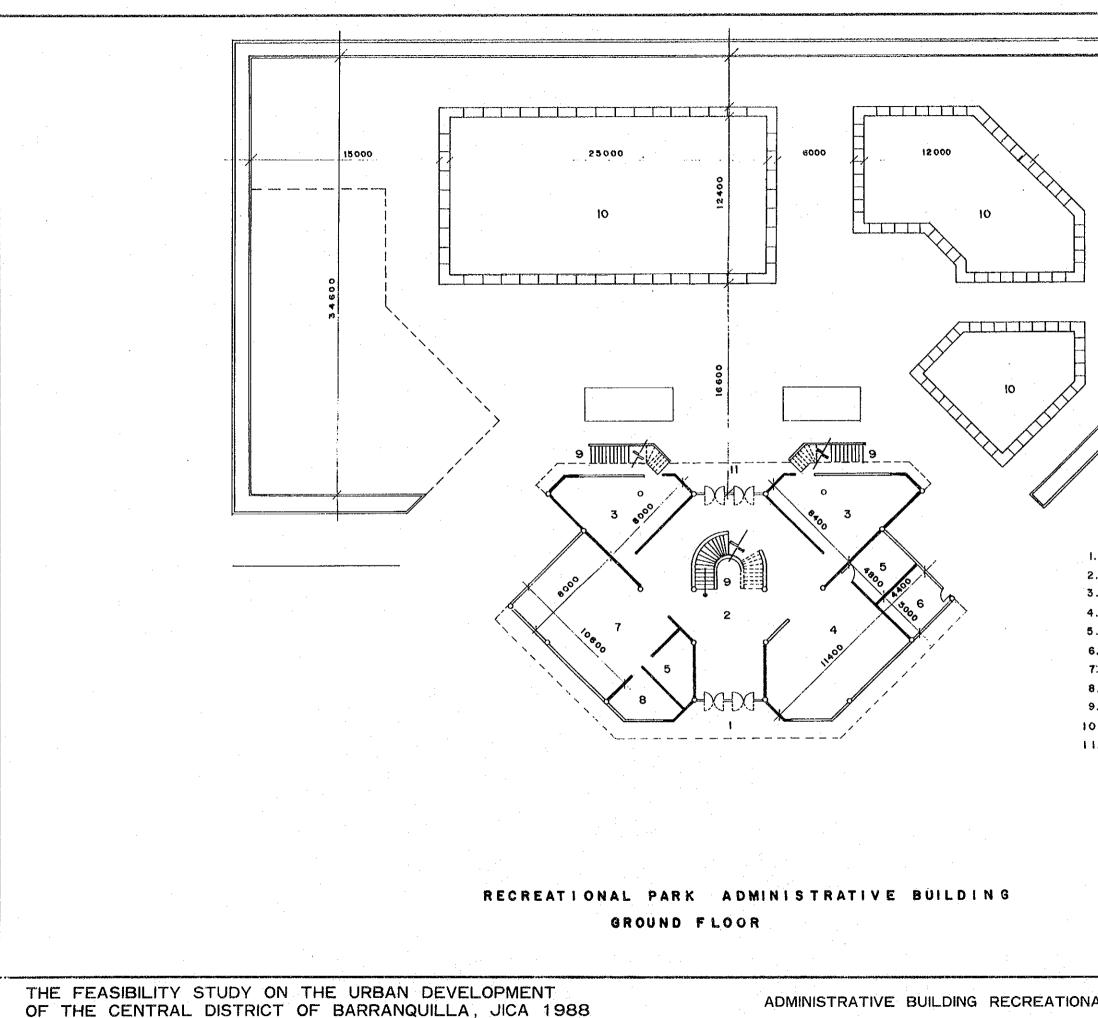


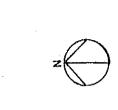












I. ENTRANCE

2. LOBBY

3. LOCKER AND CHANGING ROOM

4. PING PONG ROOM

5. STORAGE FOR SPORTS EQUIPAMENT

6. WATER RECYCLING ROOM (FOR POOL WATER)

7: AEROBICS AND WEIGHTS ROOM

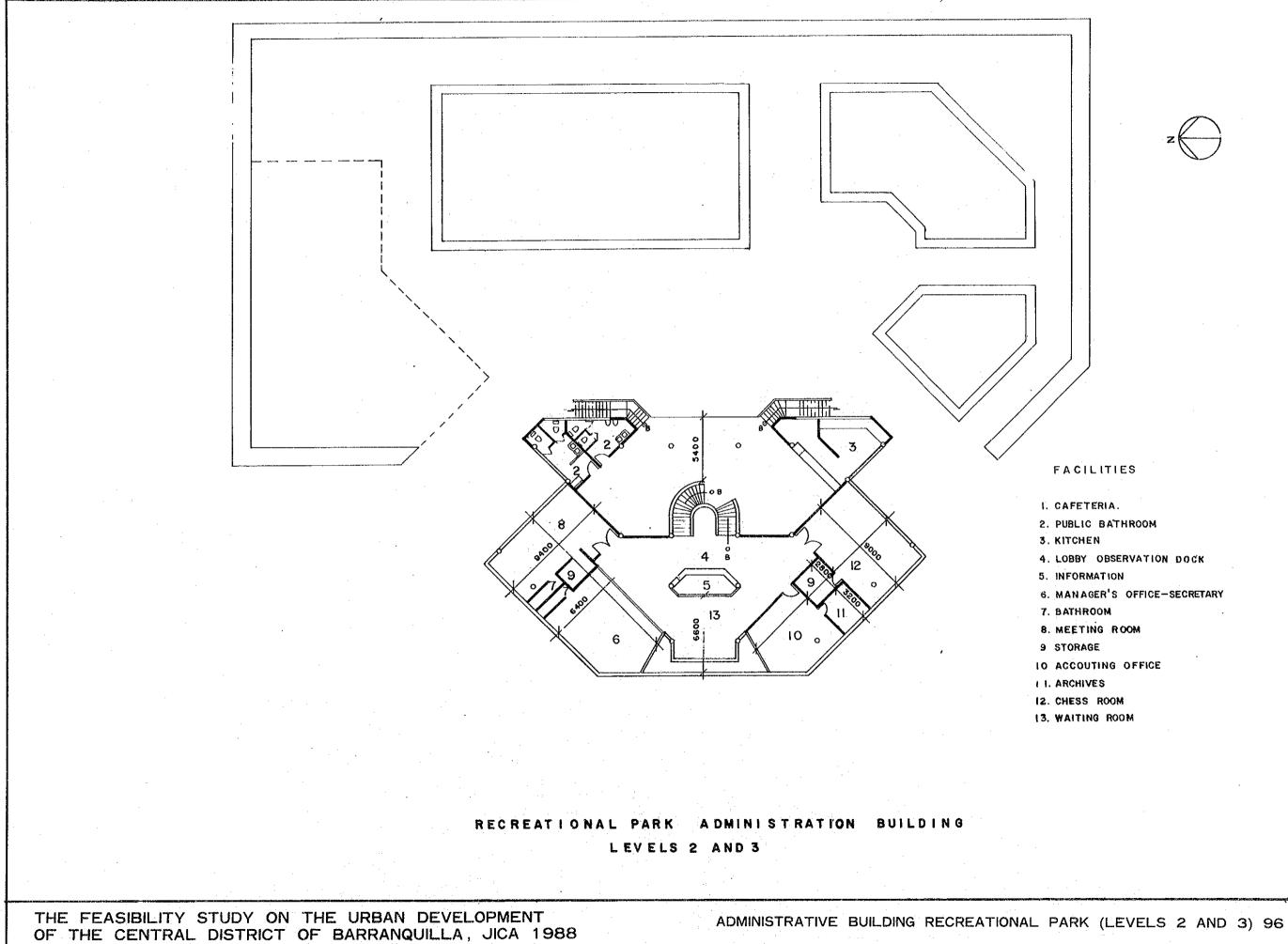
8. INSTRUCTORS LOUNGE

9. STAIRS

10. POOLS

I.I. EXITO TO POOLS

ADMINISTRATIVE BUILDING RECREATIONAL PARK (GROUND FLOOR) 95





I. CAFETERIA.

2. PUBLIC BATHROOM

3. KITCHEN

4. LOBBY OBSERVATION DOCK

5 INFORMATION

6. MANAGER'S OFFICE-SECRETARY

7. BATHROOM

8. MEETING ROOM

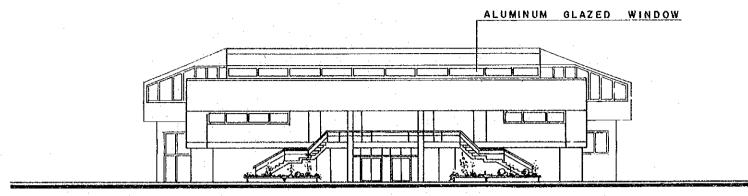
9 STORAGE

IO ACCOUTING OFFICE

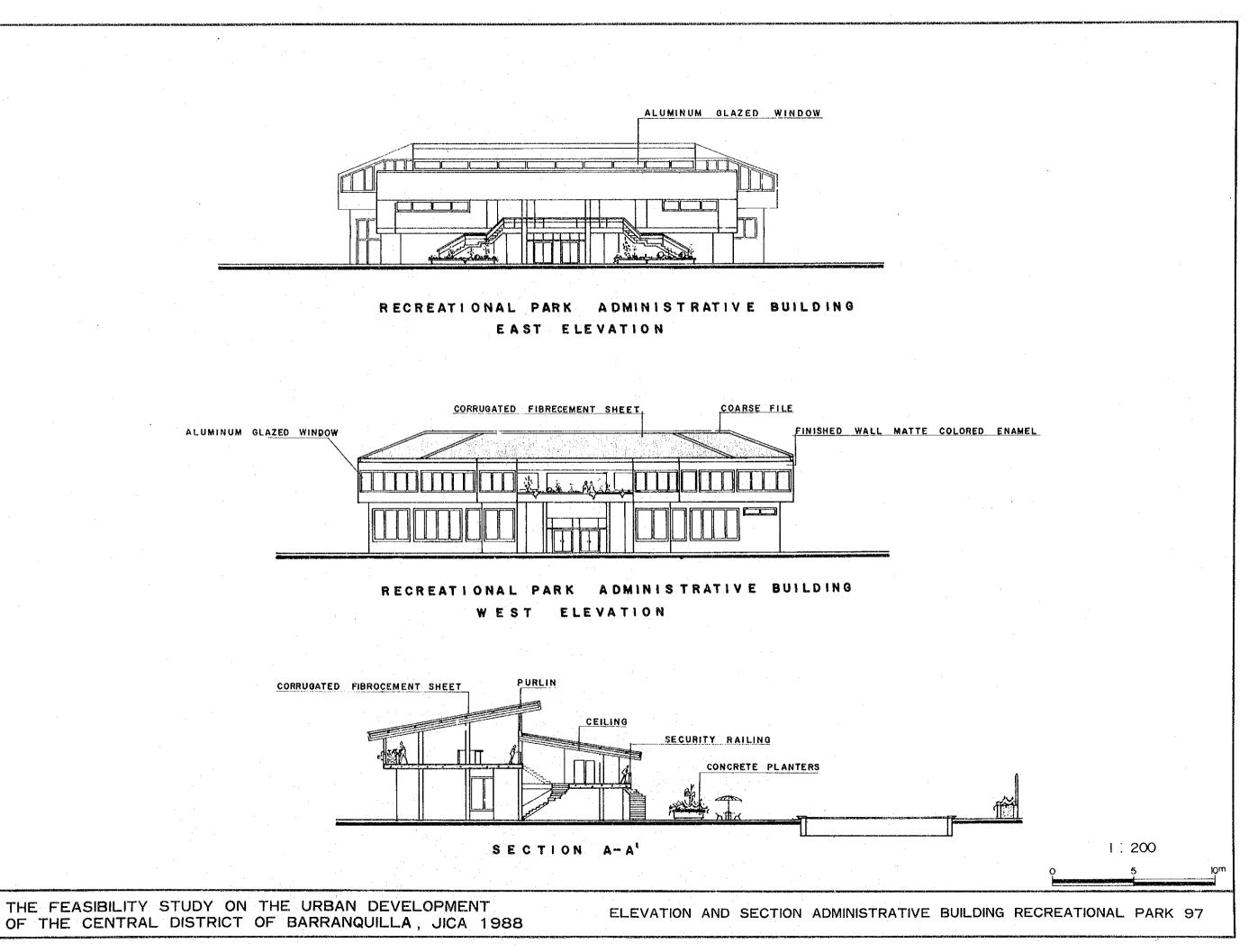
I. I. ARCHIVES

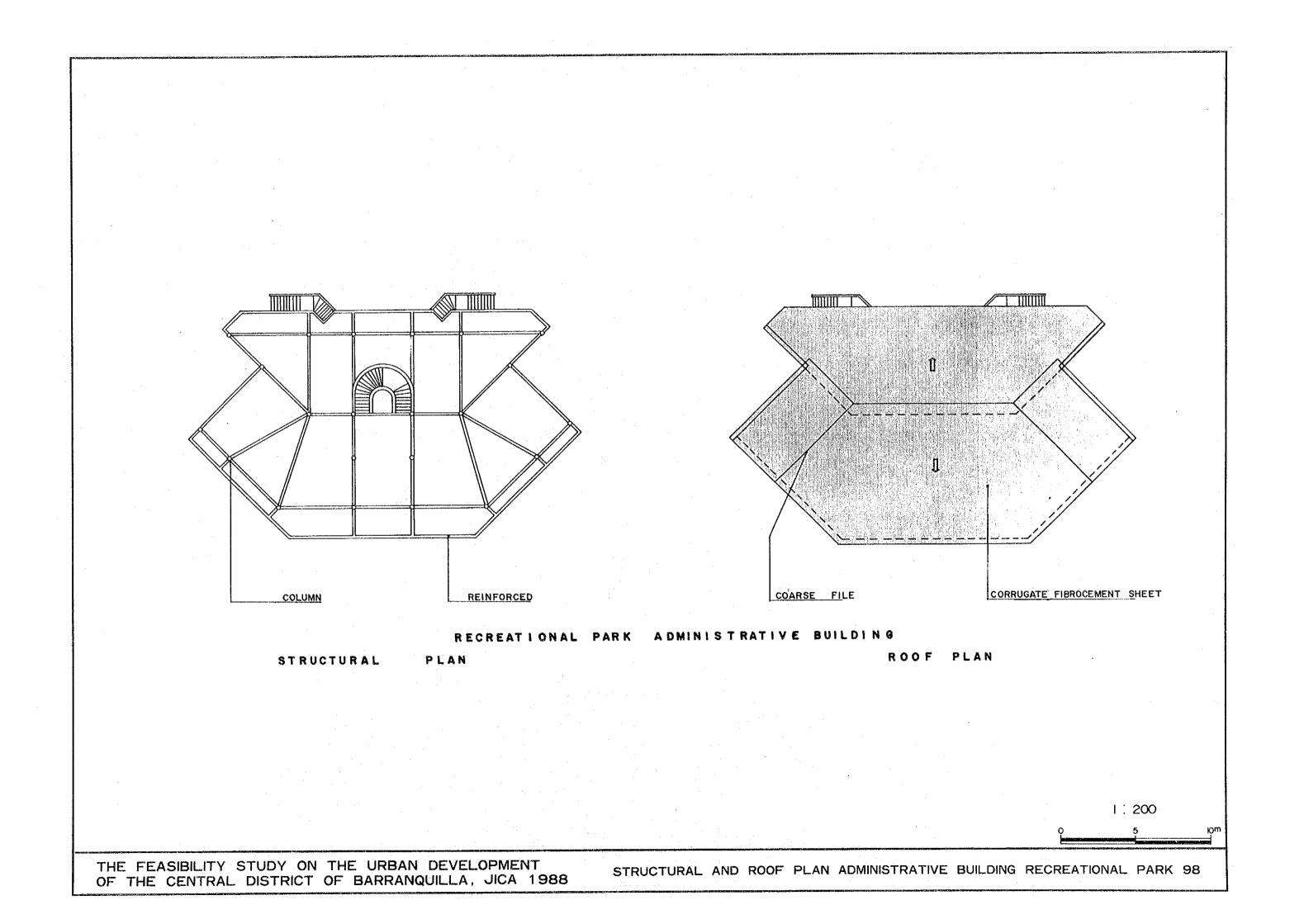
12. CHESS ROOM

13. WAITING ROOM



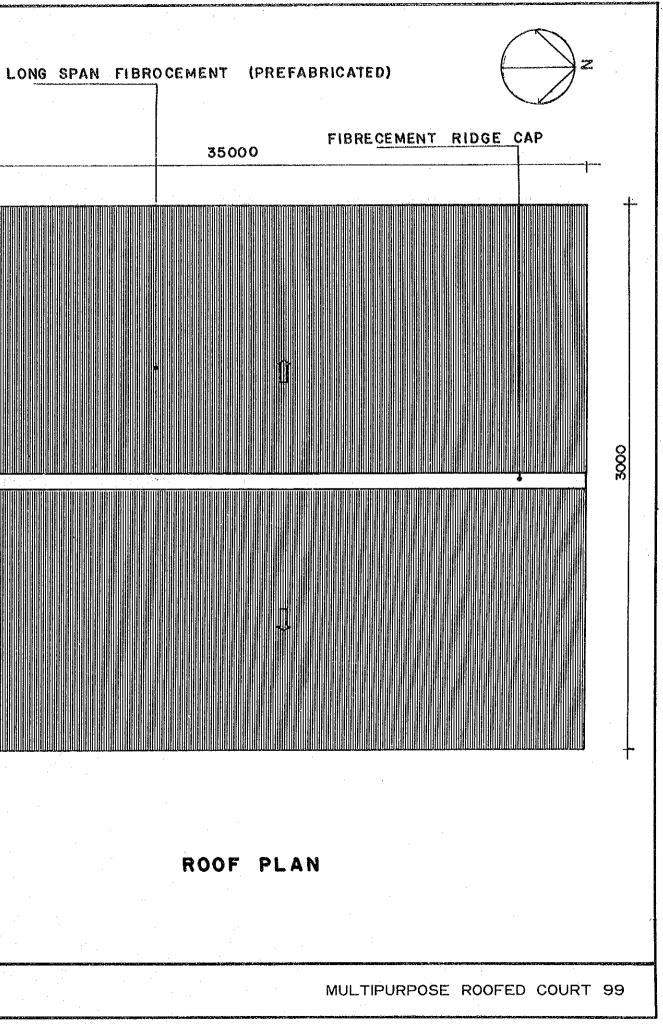
EAST ELEVATION

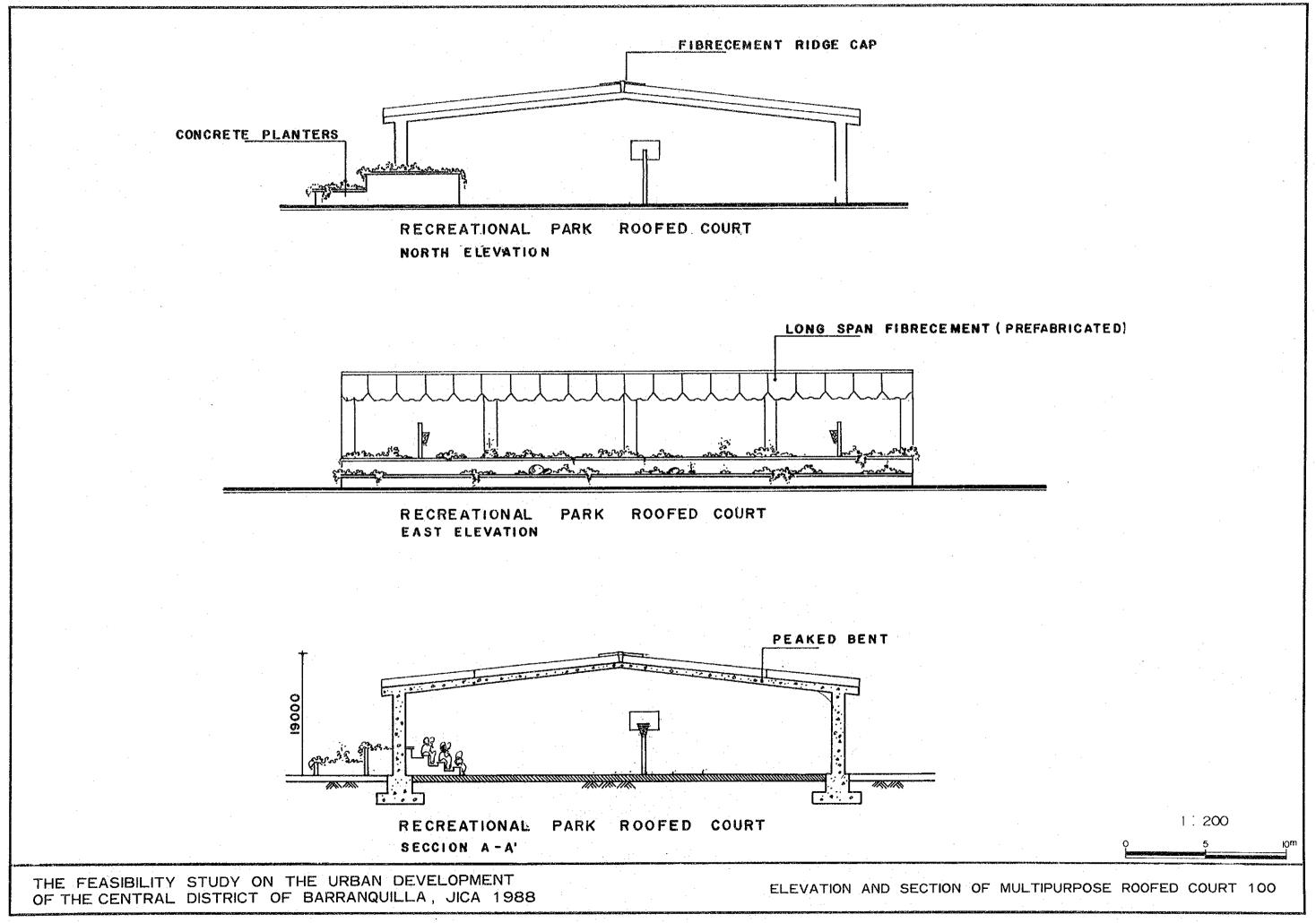


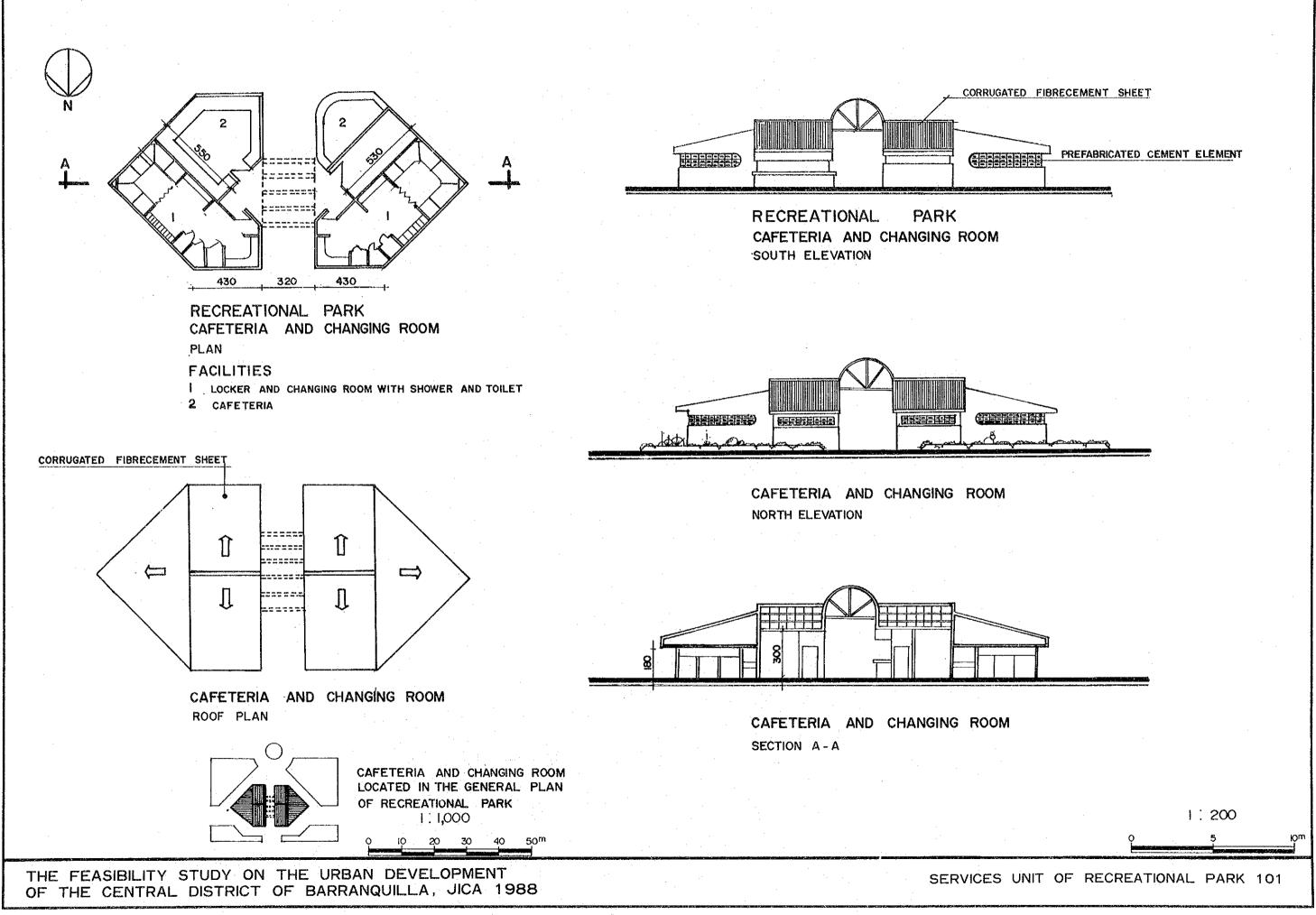


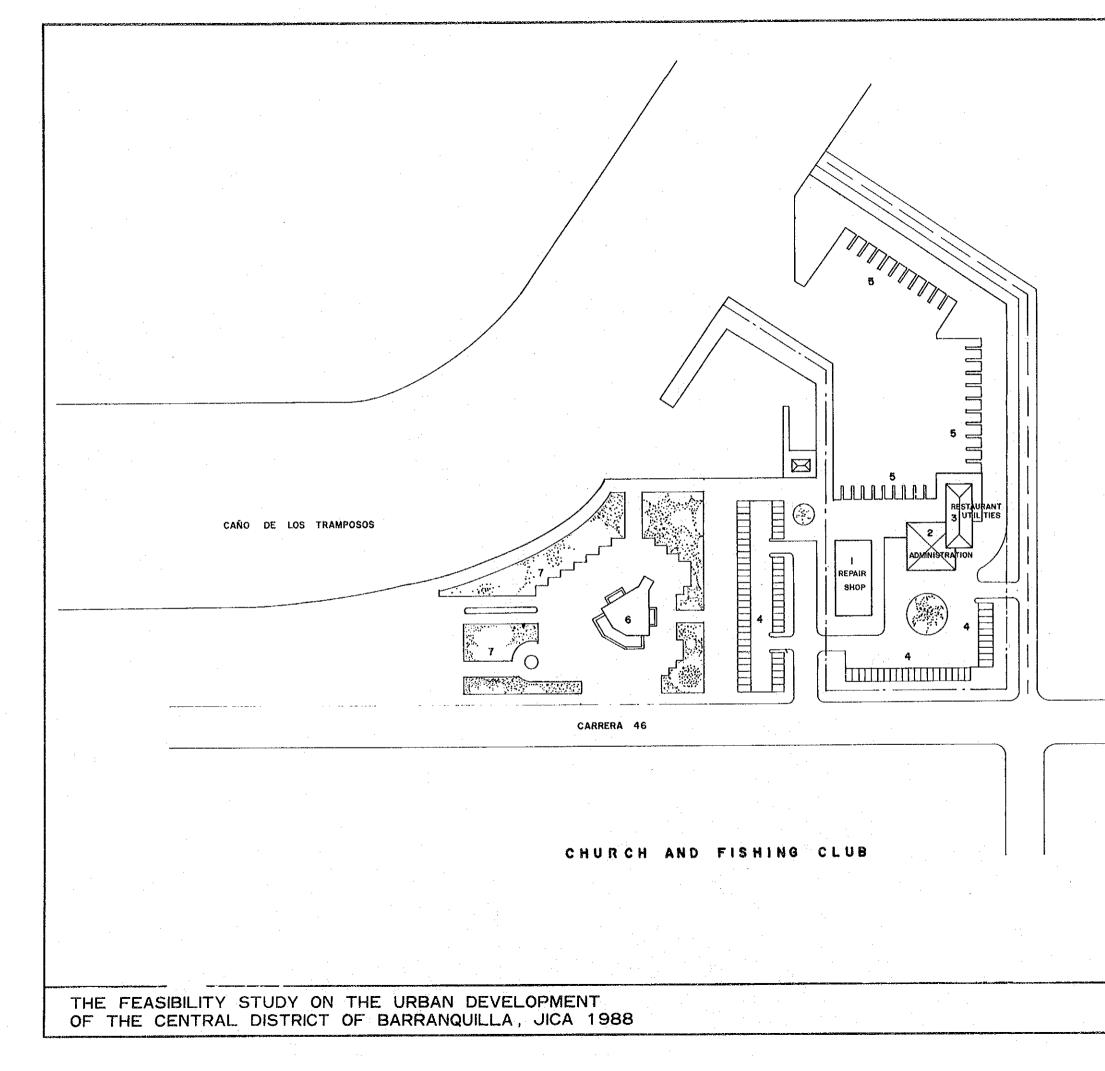
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THE FEASIBILITY STUDY ON THE URBAN DEVELOPMENT OF THE CENTRAL DISTRICT OF BARRANQUILLA, JICA 1988







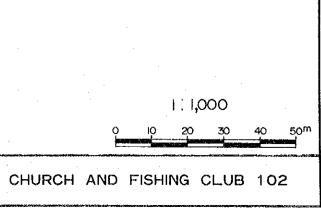


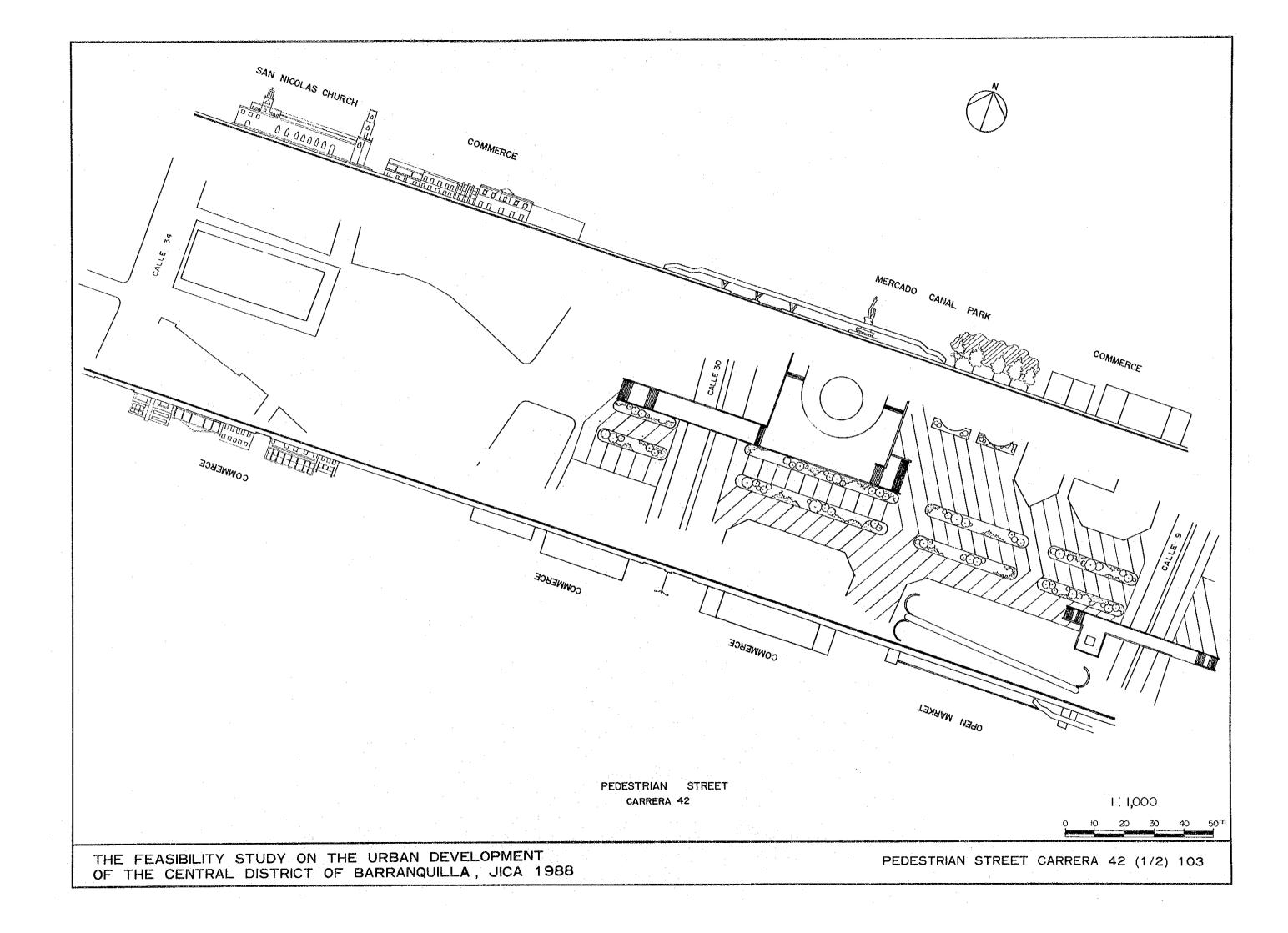


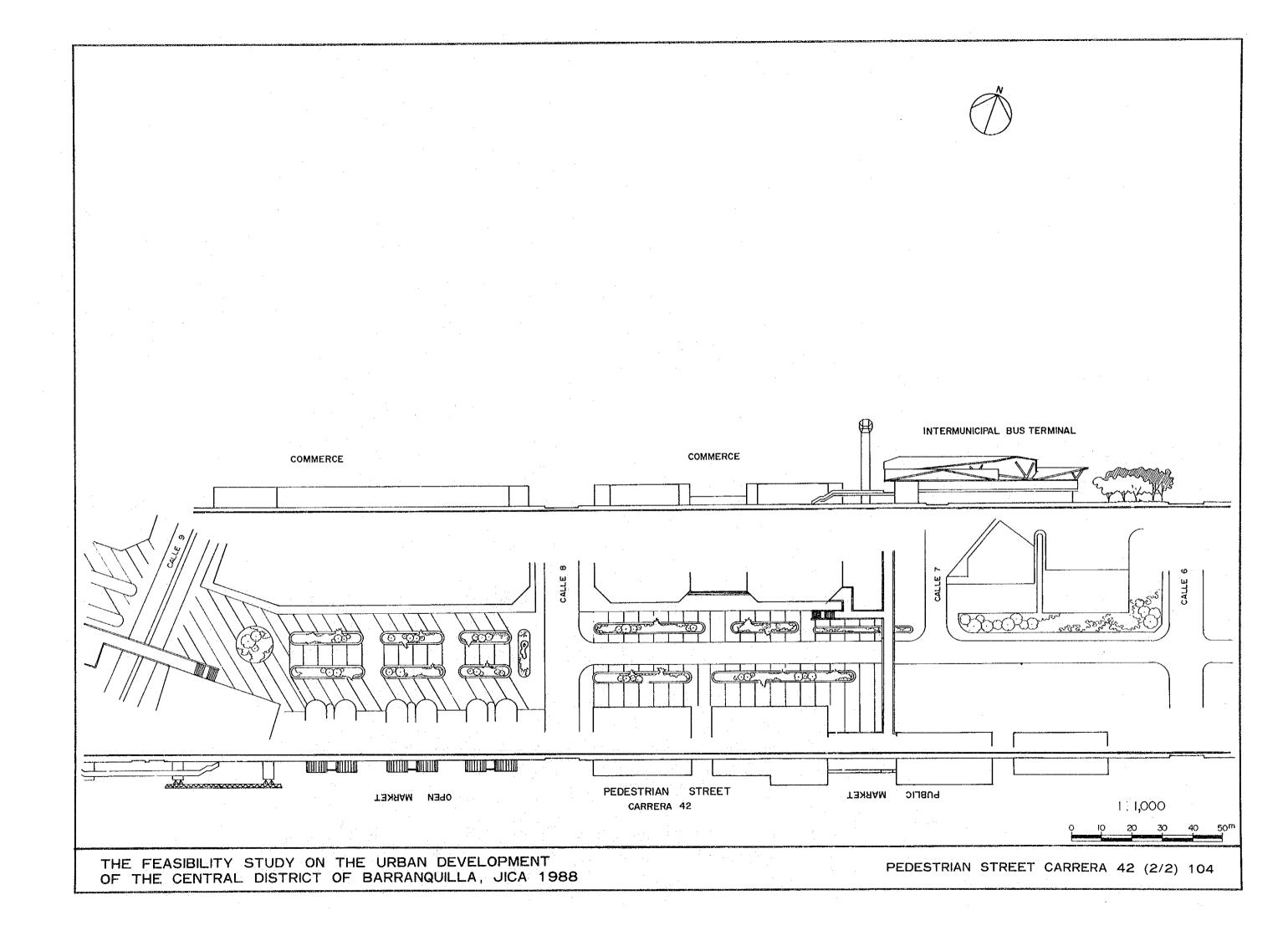
REPAIR SHOP 1.

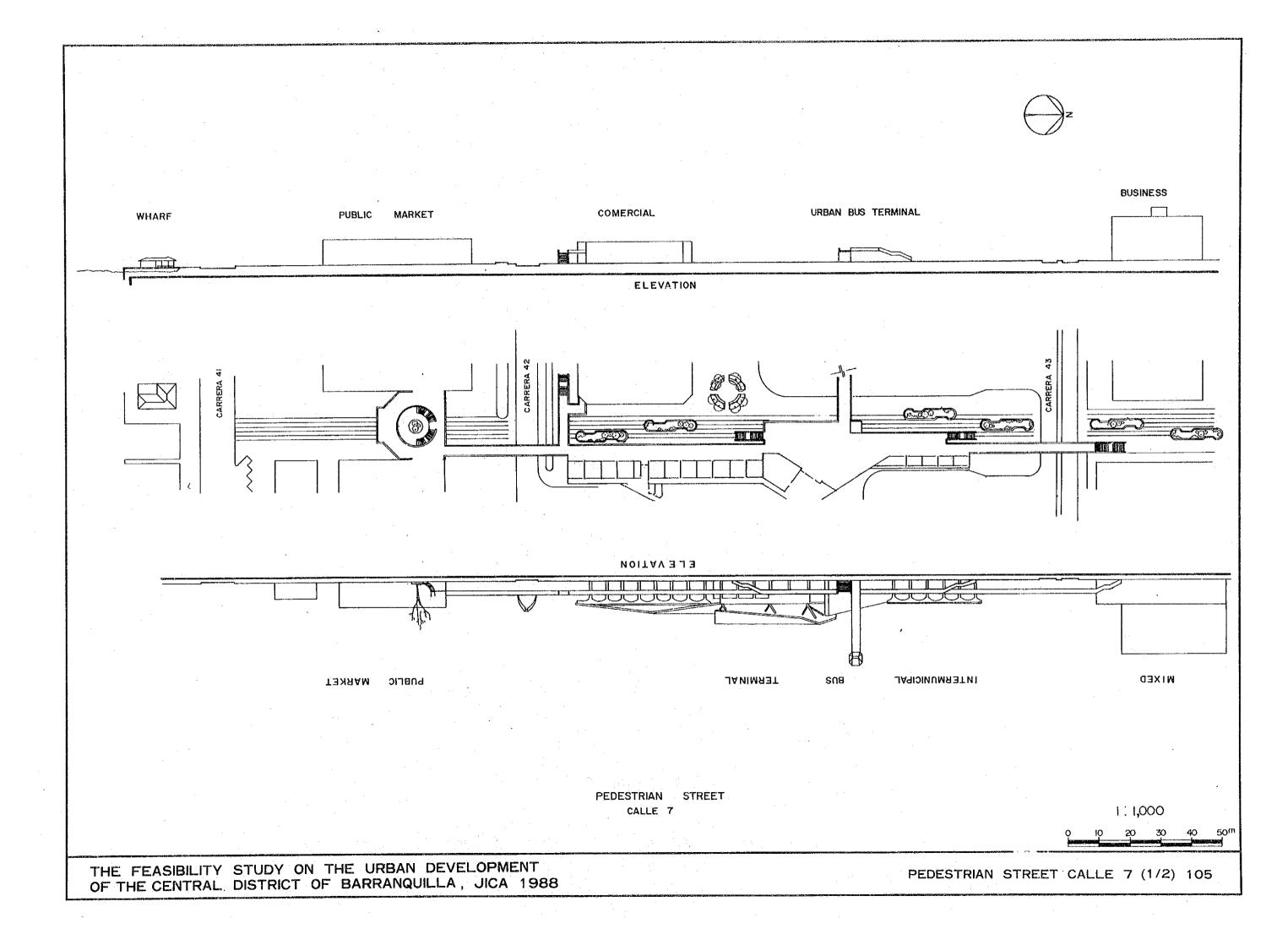
- ADMINISTRATION 2.
- RESTAURANT 3.
- PARKING. 4
- WHARF. 5
- CHURCH. 6.
- BUILT-IN DECORATIVE PLANTERS 7.

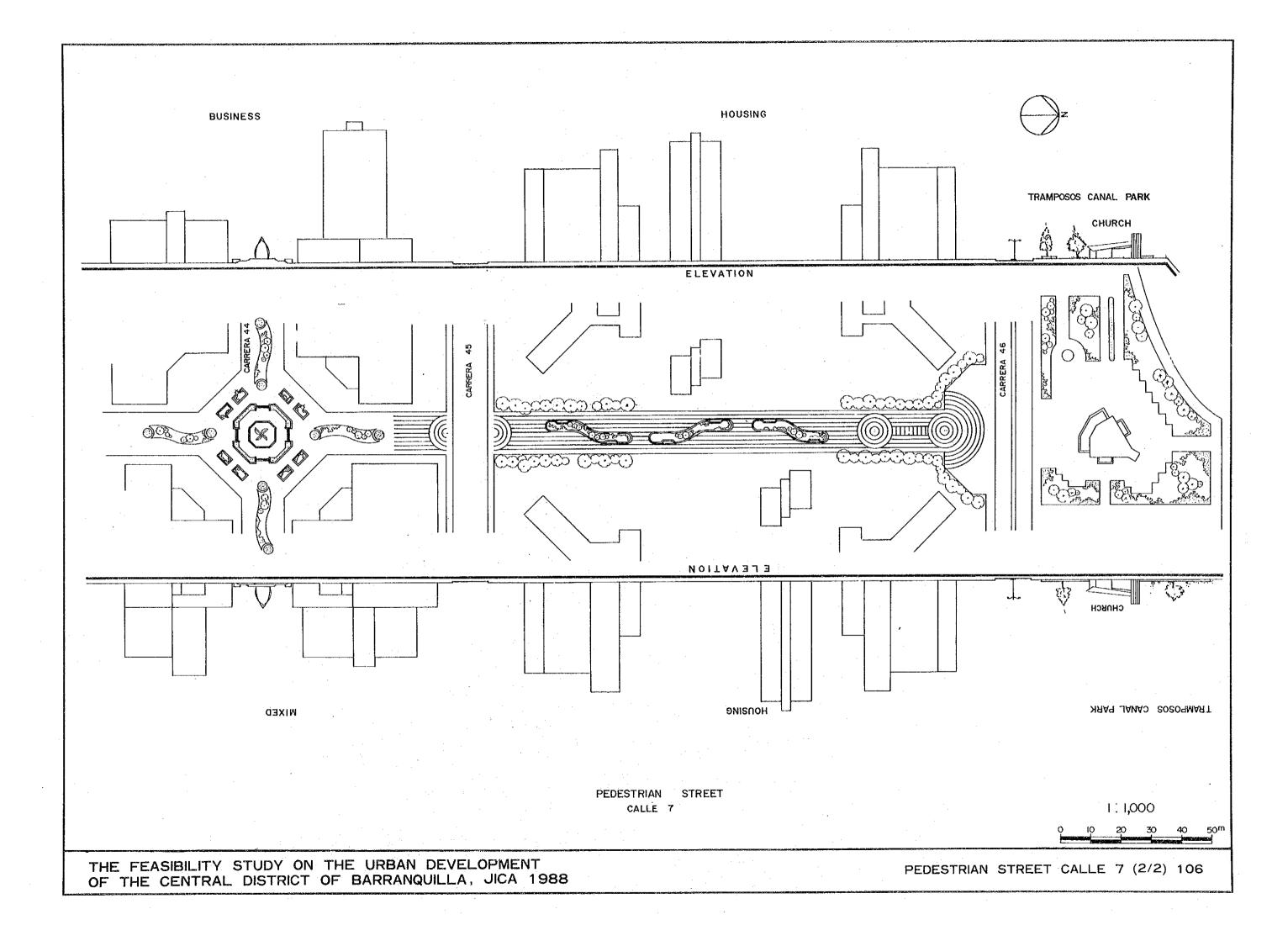


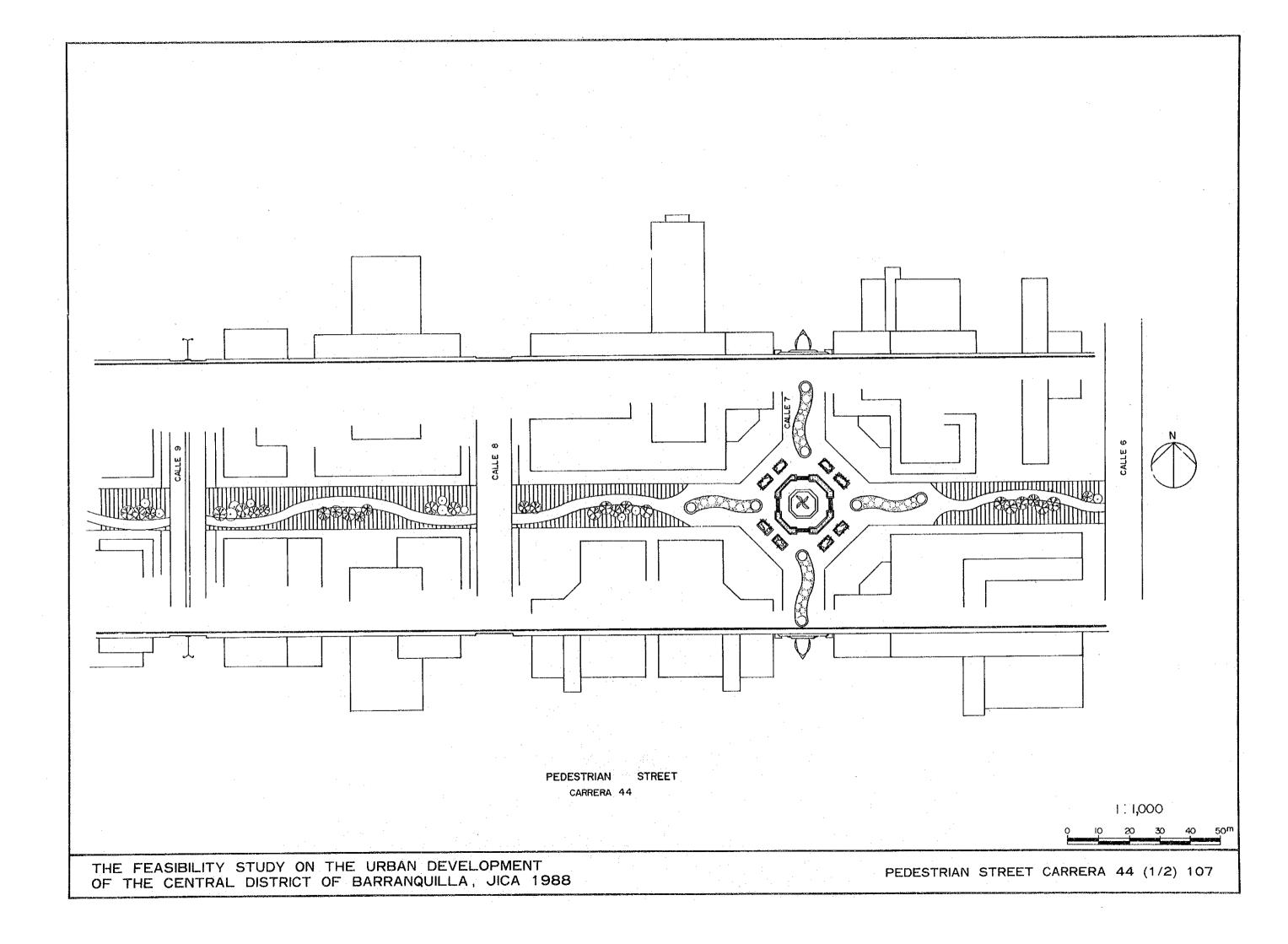


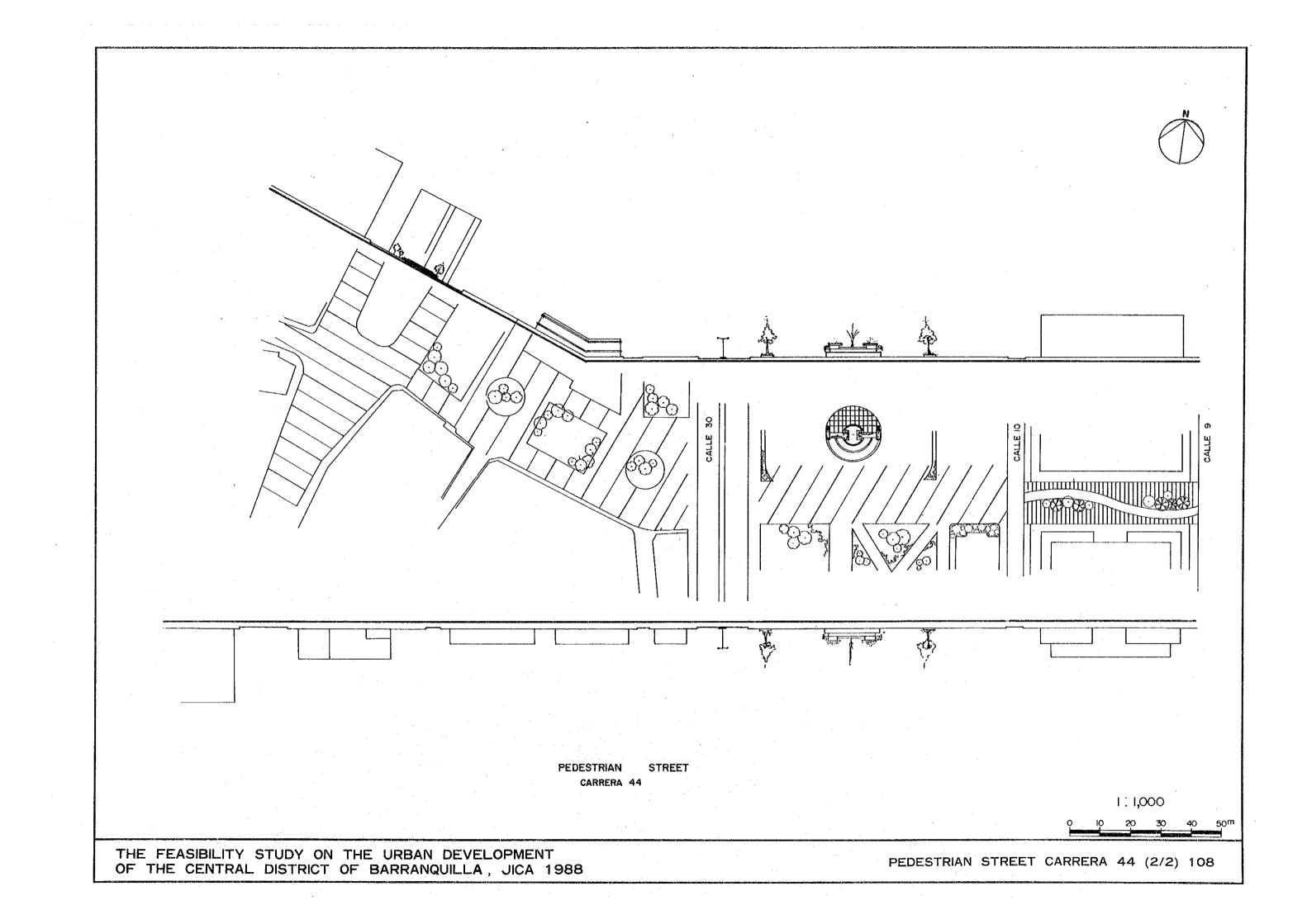


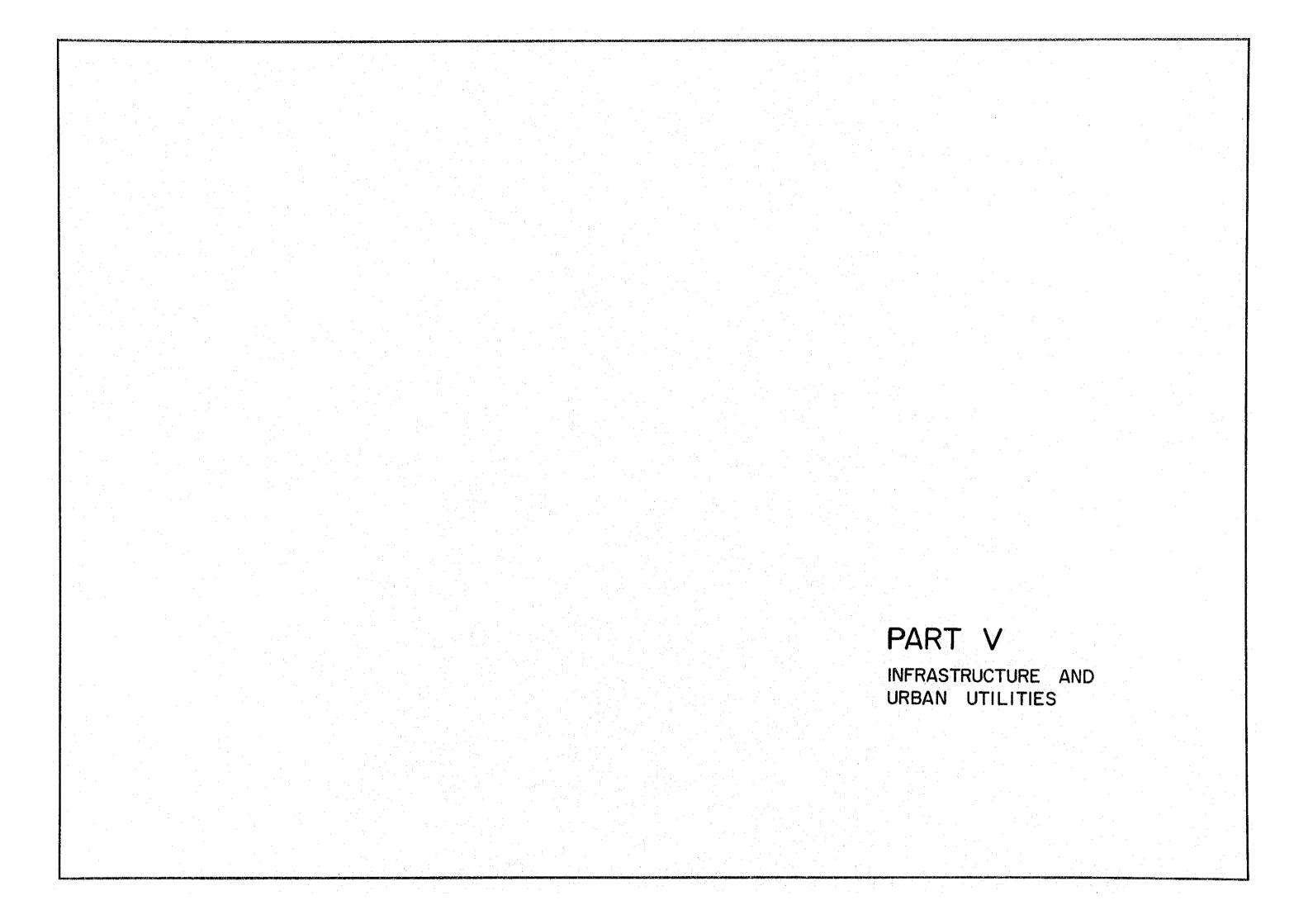


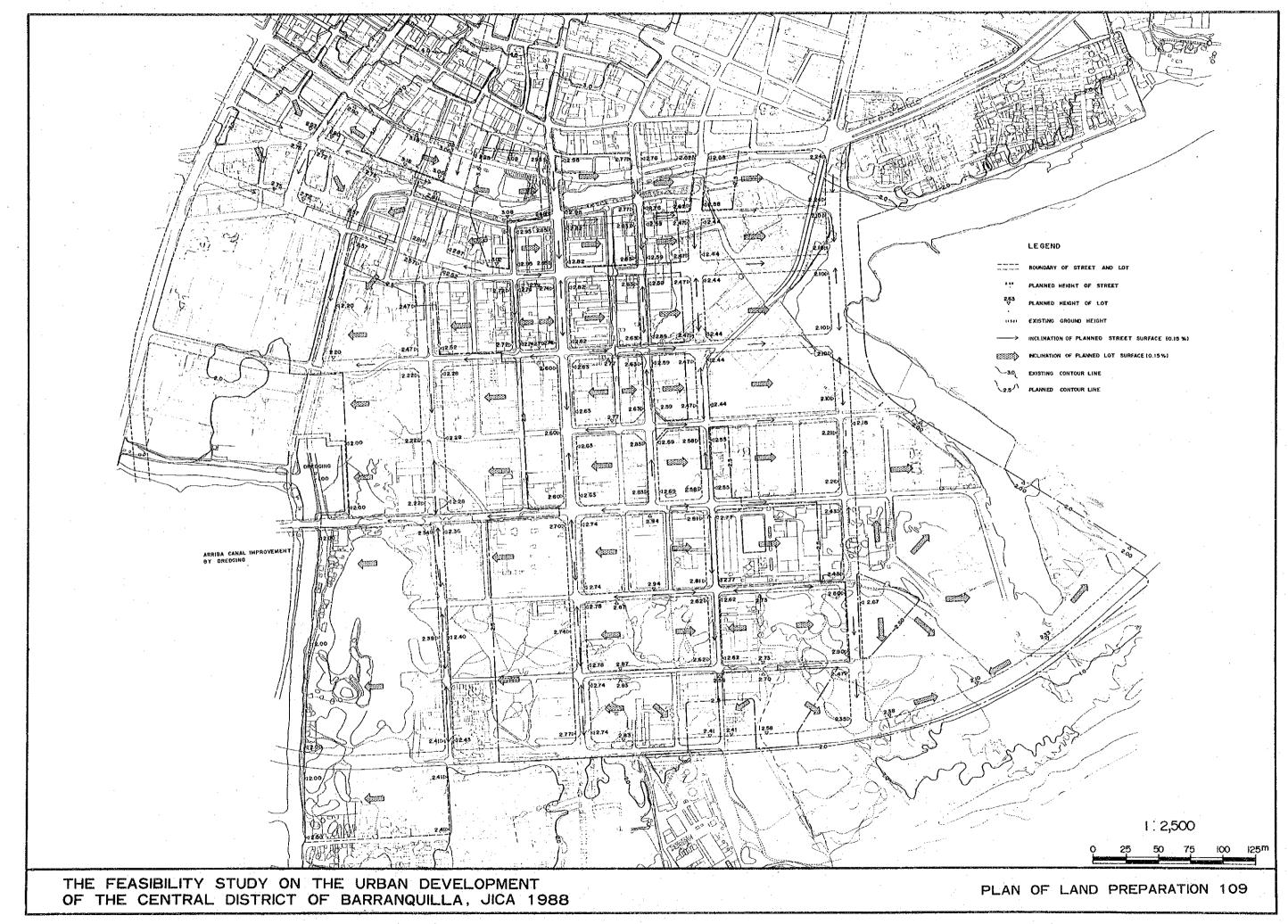










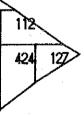


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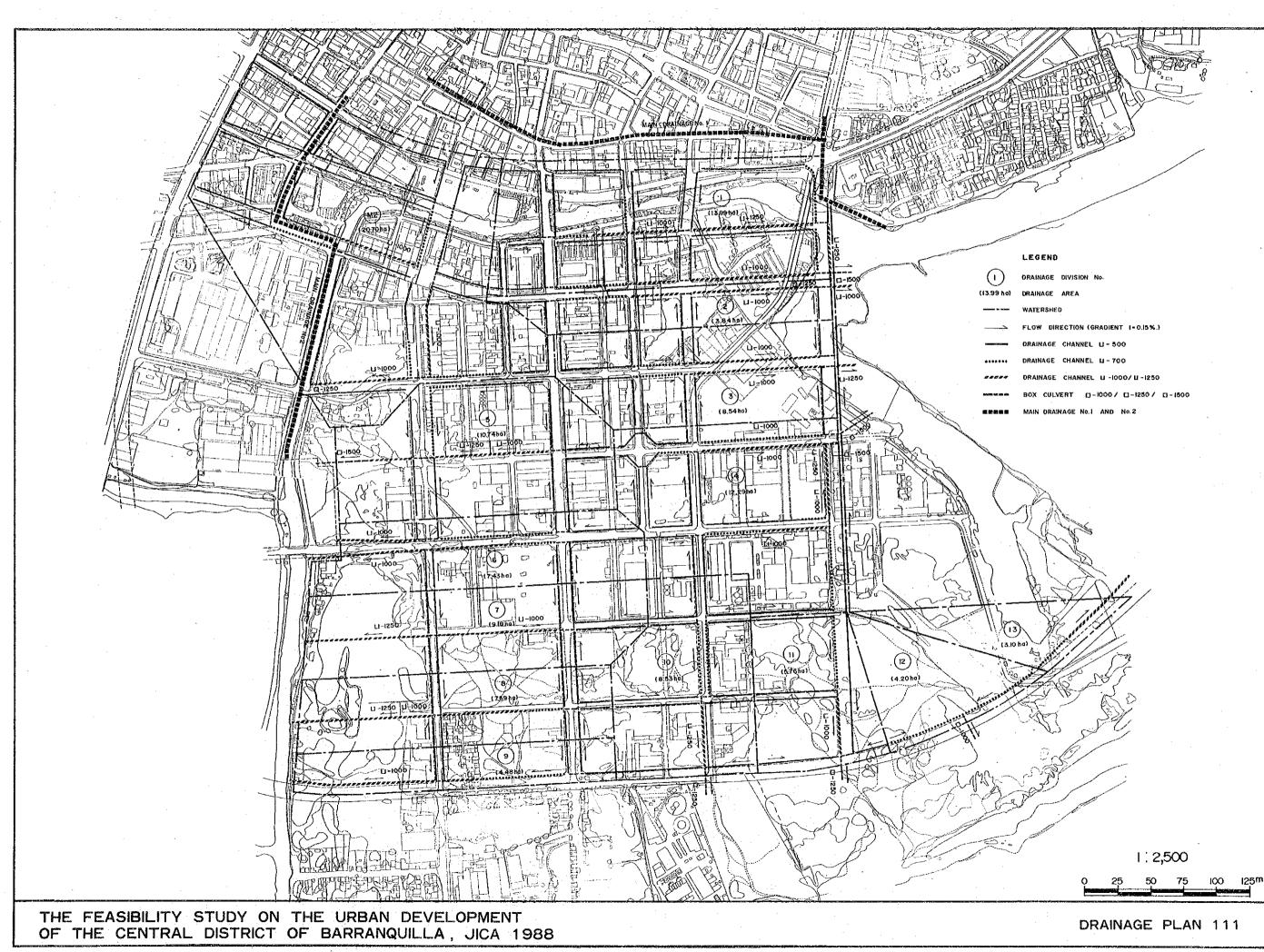
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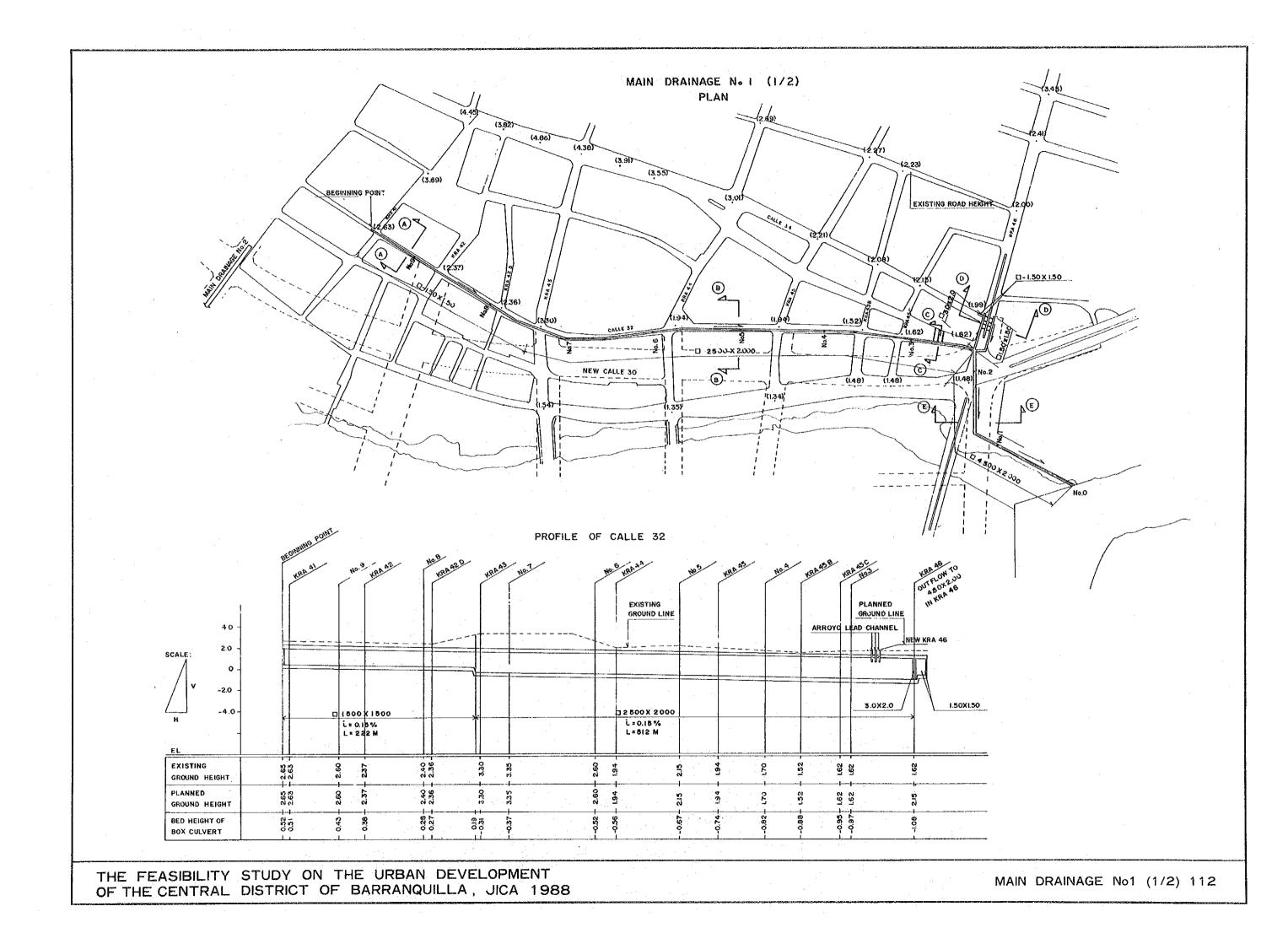
GEND

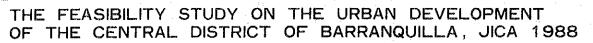
LING SOIL QUANTITY A MESH (2500 m CEPT ALONG BOUNDARY)

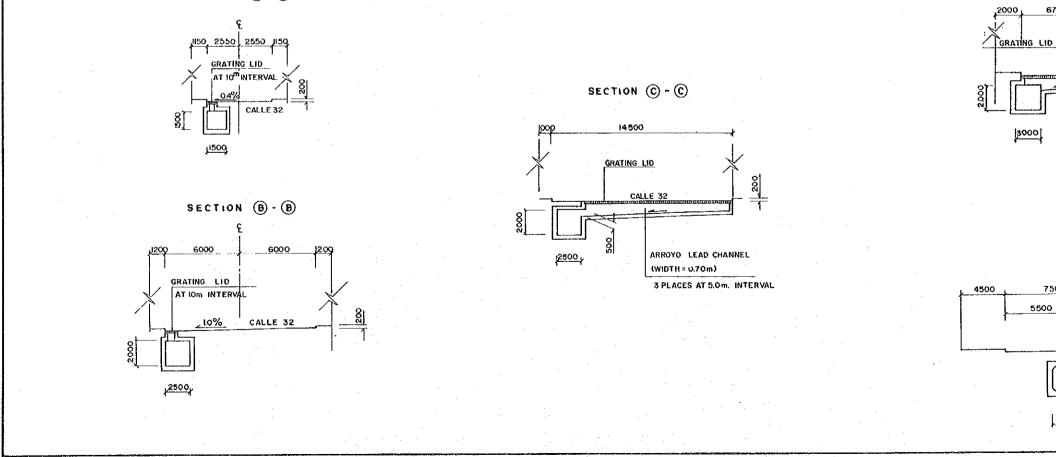


AP OF DISTRIBUTION OF REQUIRED FILLING SOIL QUANTITY 110

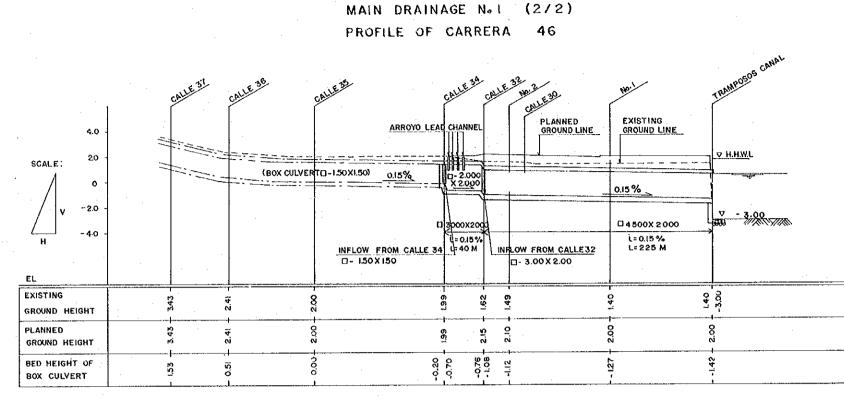


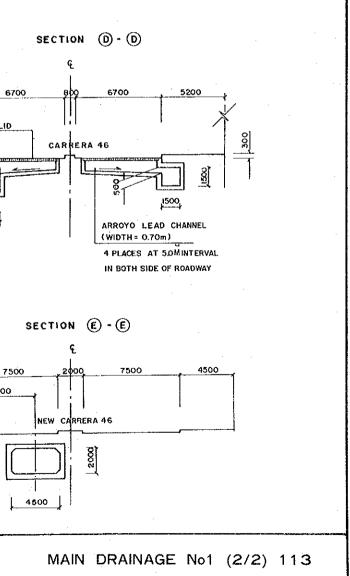


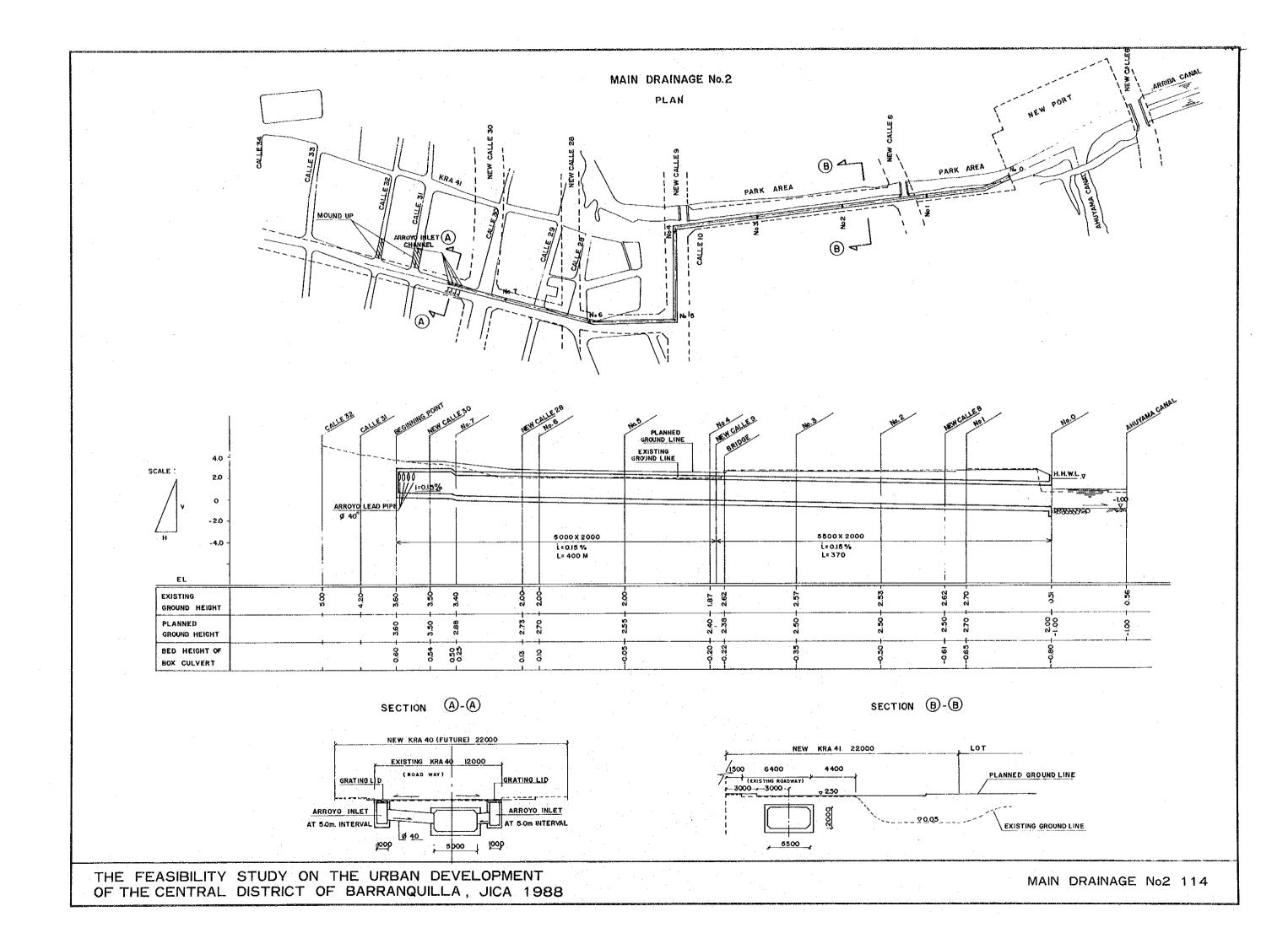




SECTION (A)- (A)



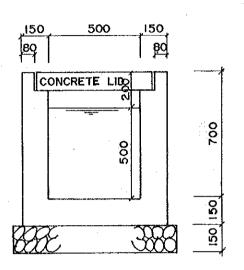


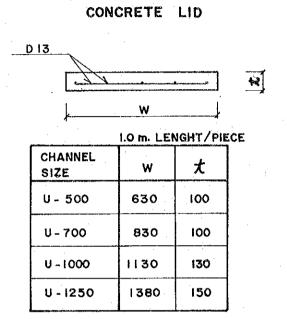


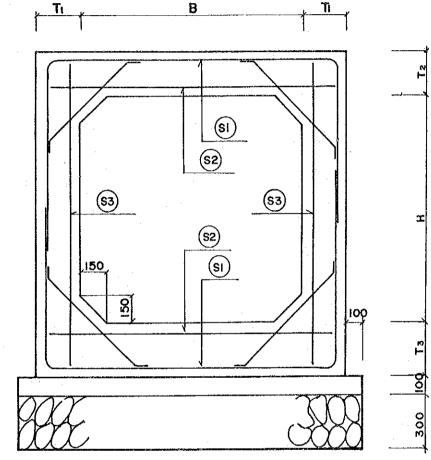
STANDARD STRUCTURE OF DRAINAGE

U - SHAPED CHANNEL

U - 500

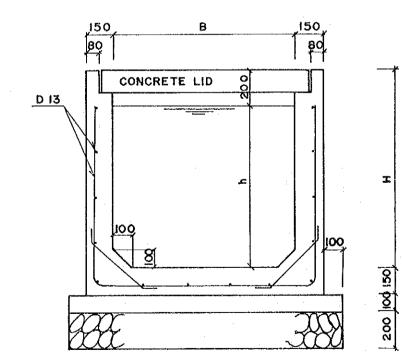






BOX CULVERT	в	н	ŤI	Tz	Ťз	SI	<u>(\$2)</u>	(53)
[]- 1000	1000	1000	250	250	300	D13	D 3	DIS
EI- 1250	1250	1250	250	250	300	D 13	D 13	D 13
□ - I'500	1500	1500	300	300	350	D13	D13	D 13
[] - 2000	2000	2000	300	300	350	DI3	D 13	D13
□-4000 x 2000	4000	2000	300	300	350	D16	D19	DI3

U-700 TO U-1250



CHANNEL SIZE	В	h	Н
U - 700	700	700	900
U - 1000	1000	1000	1200
U - 1250	1250	1250	1450

BOX CULVERT	В	Н	ŢI
□- 1000	1000	1000	250
[]- 1250	1250	1250	250
□ - 1'500	1500	1500	300
[] - 2000	2000	2000	300
□-4000 x 2000	4000	2000	300

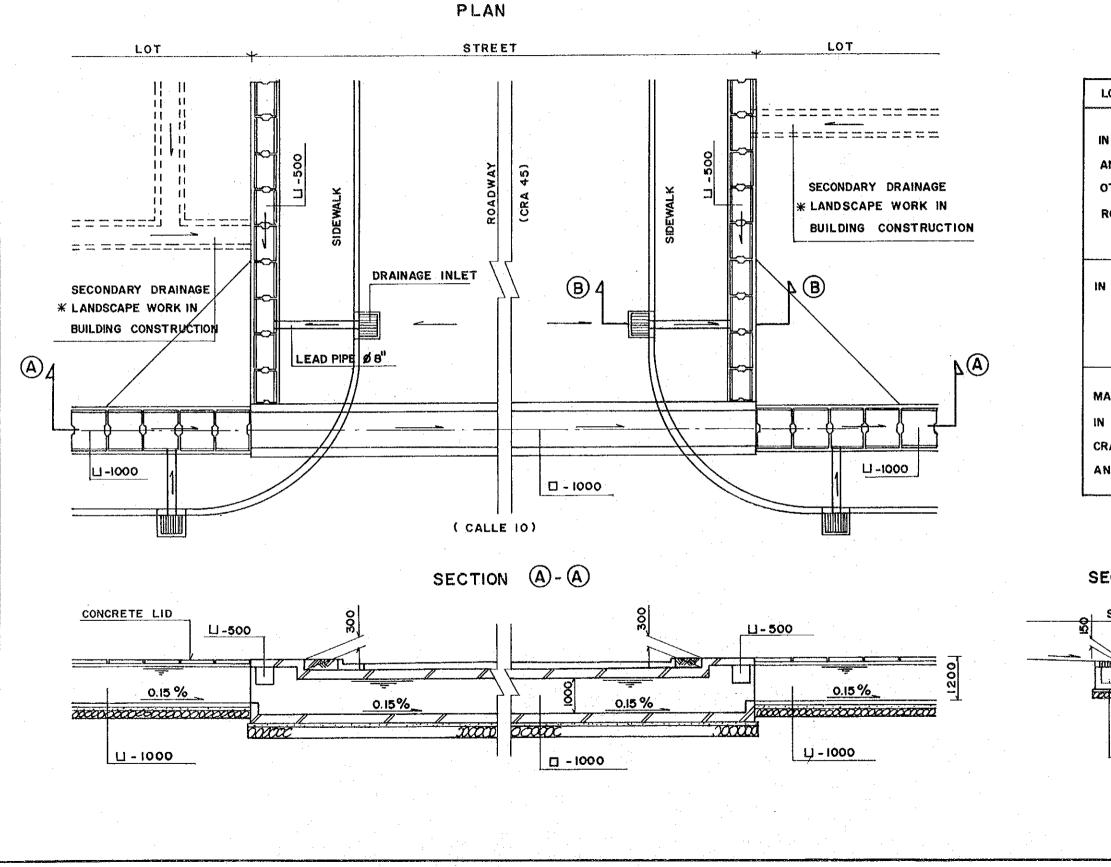
THE FEASIBILITY STUDY ON THE URBAN DEVELOPMENT OF THE CENTRAL DISTRICT OF BARRANQUILLA, JICA 1988

STANDARD STRUCTURE OF DRAINAGE 115

BOX CULVERT

THE FEASIBILITY STUDY ON THE URBAN DEVELOPMENT OF THE CENTRAL DISTRICT OF BARRANQUILLA, JICA 1988



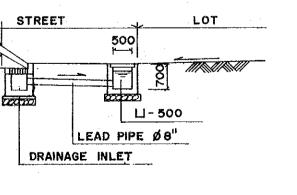


STANDARD ARRANGEMENT OF DRAINAGE

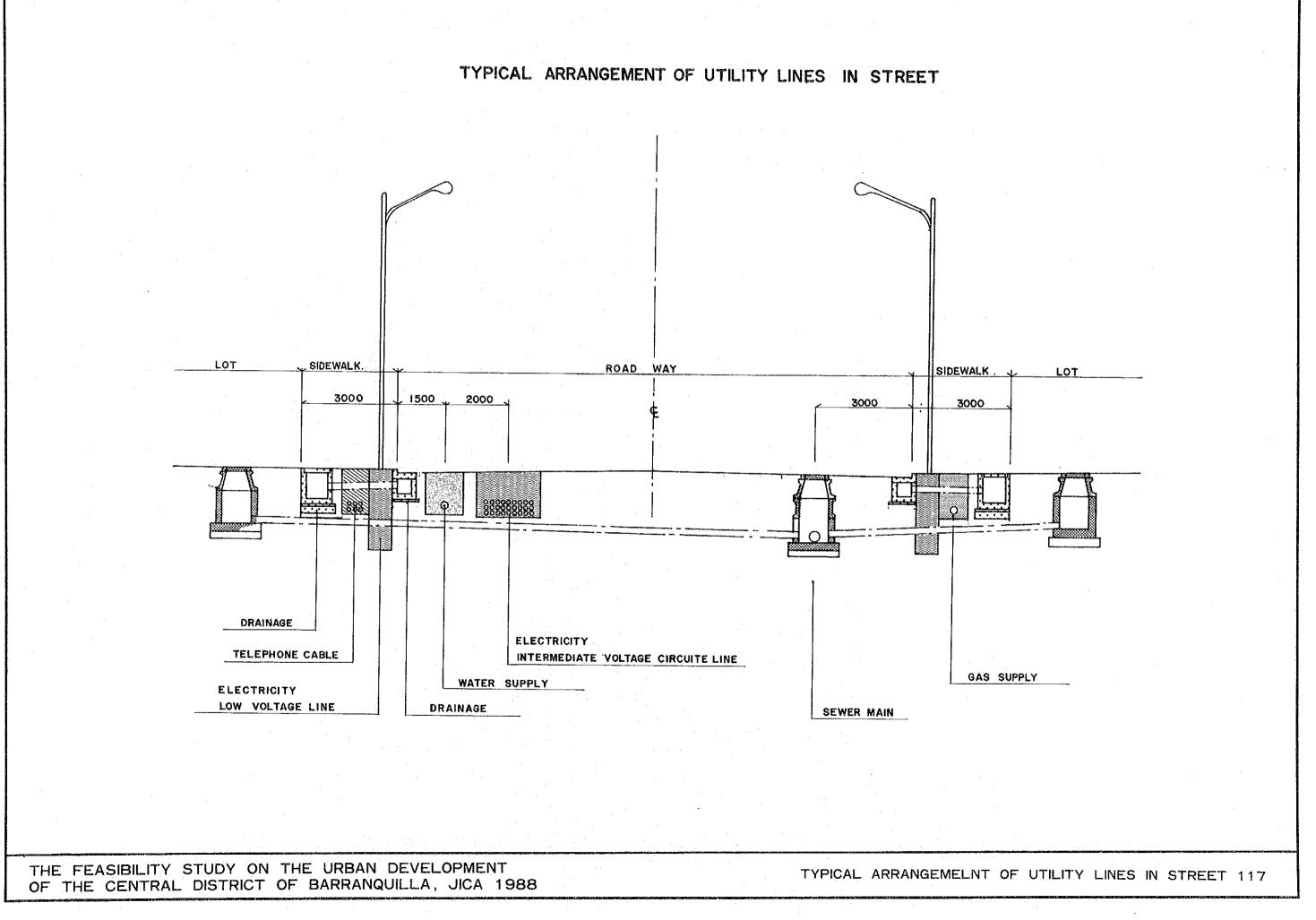
LIST OF DRAINAGE

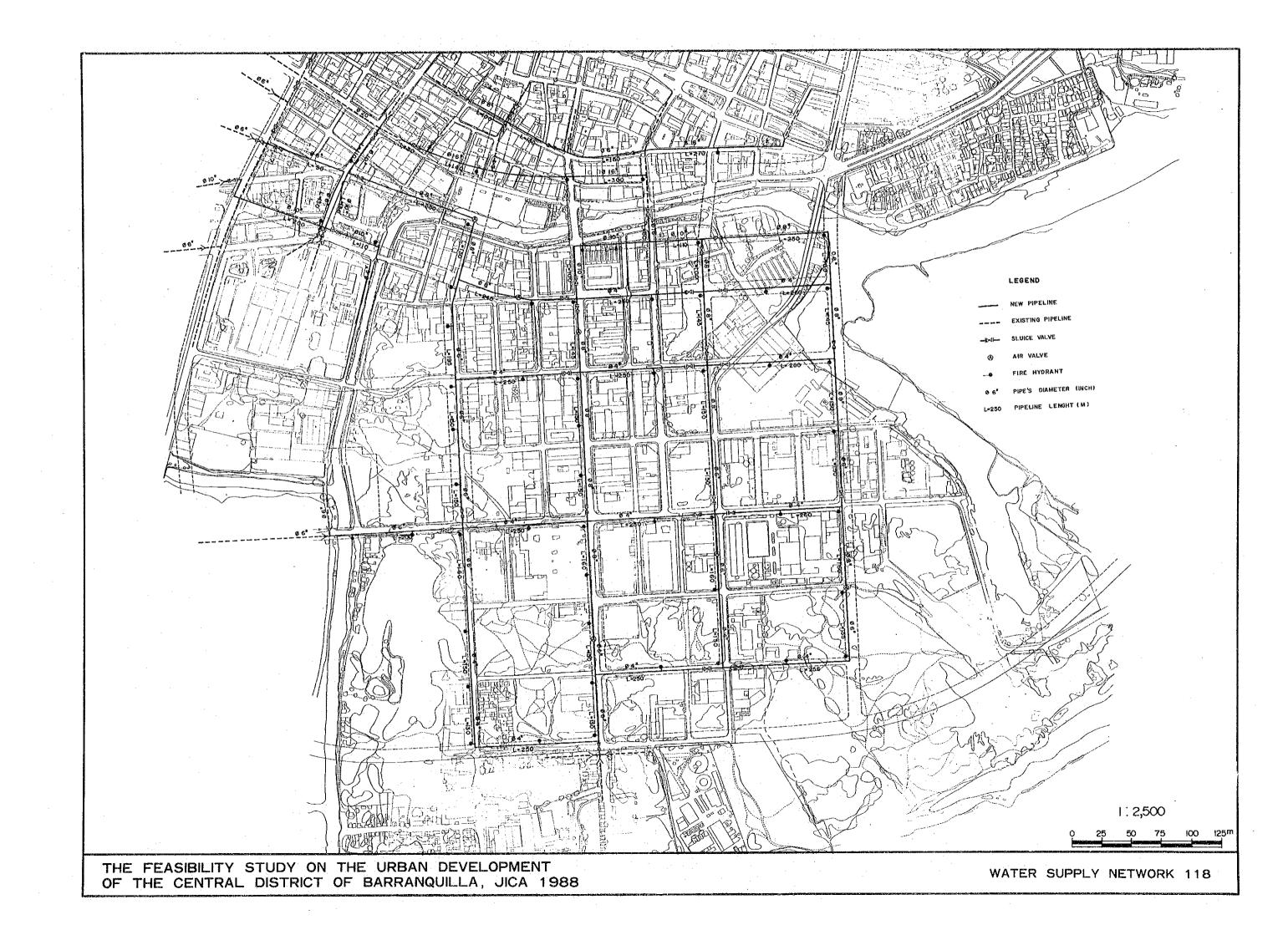
LOCATION	ТҮРЕ	REMARK
IN SIDEWALK AND THE PLACE OTHER THAN ROAD WAY	⊔ -500 ⊔ -700 ⊔ -1000 ⊔ -1250	LI-SHAPED CONCRETE CHANNEL WITH CONCRETE LID
	- 1500	
IN ROAD WAY	□ - 1000 □ - 1250 □ - 1500	BOX CULVERT
MAIN DRAINAGE IN CALLE 32, CRA 46 CRA 40 AND CRA 41	□- 1500 □- 2000 □-4000x2000	

SECTION B-B

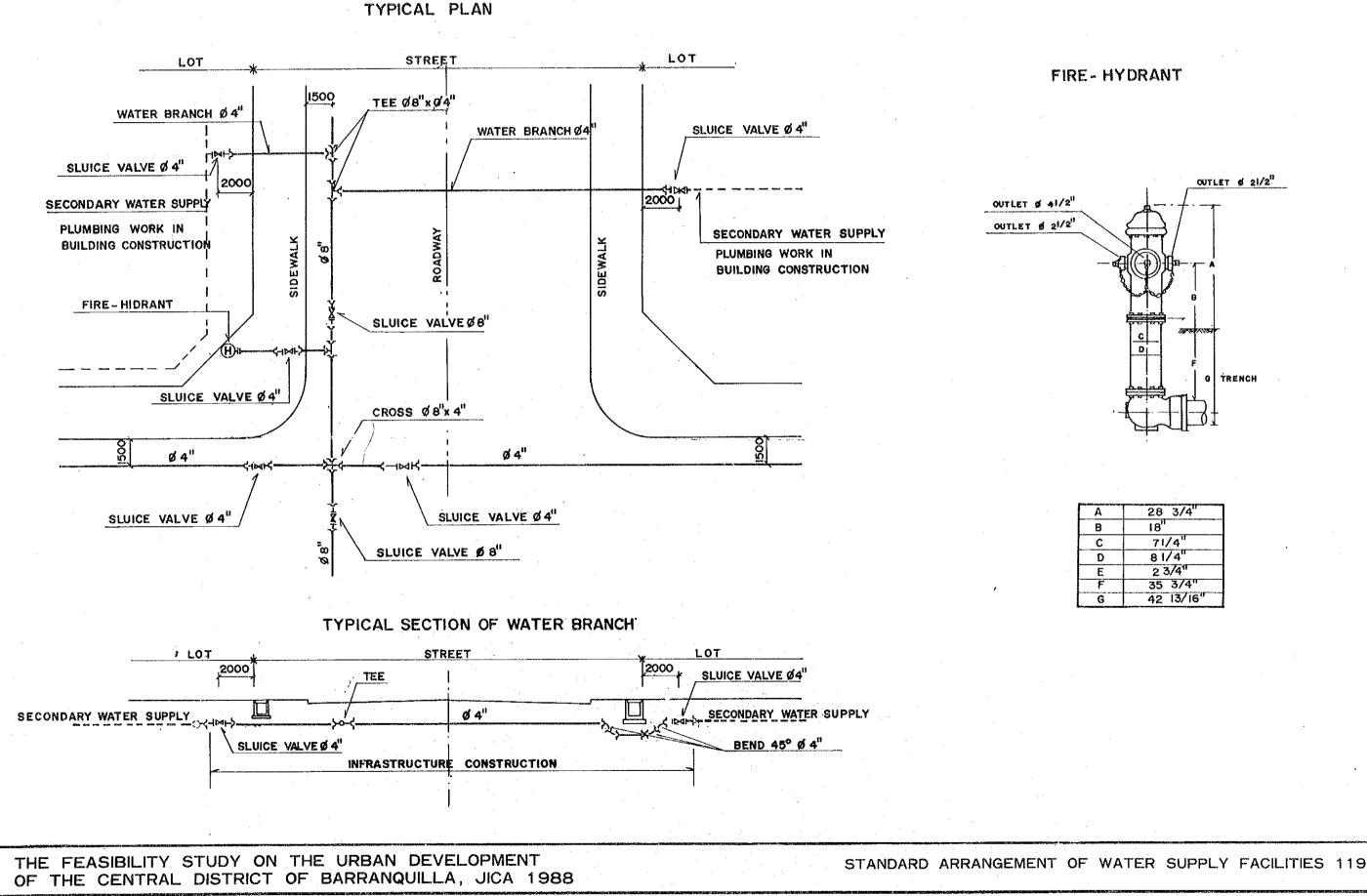


STANDARD ARRANGEMENT OF DRAINAGE 116

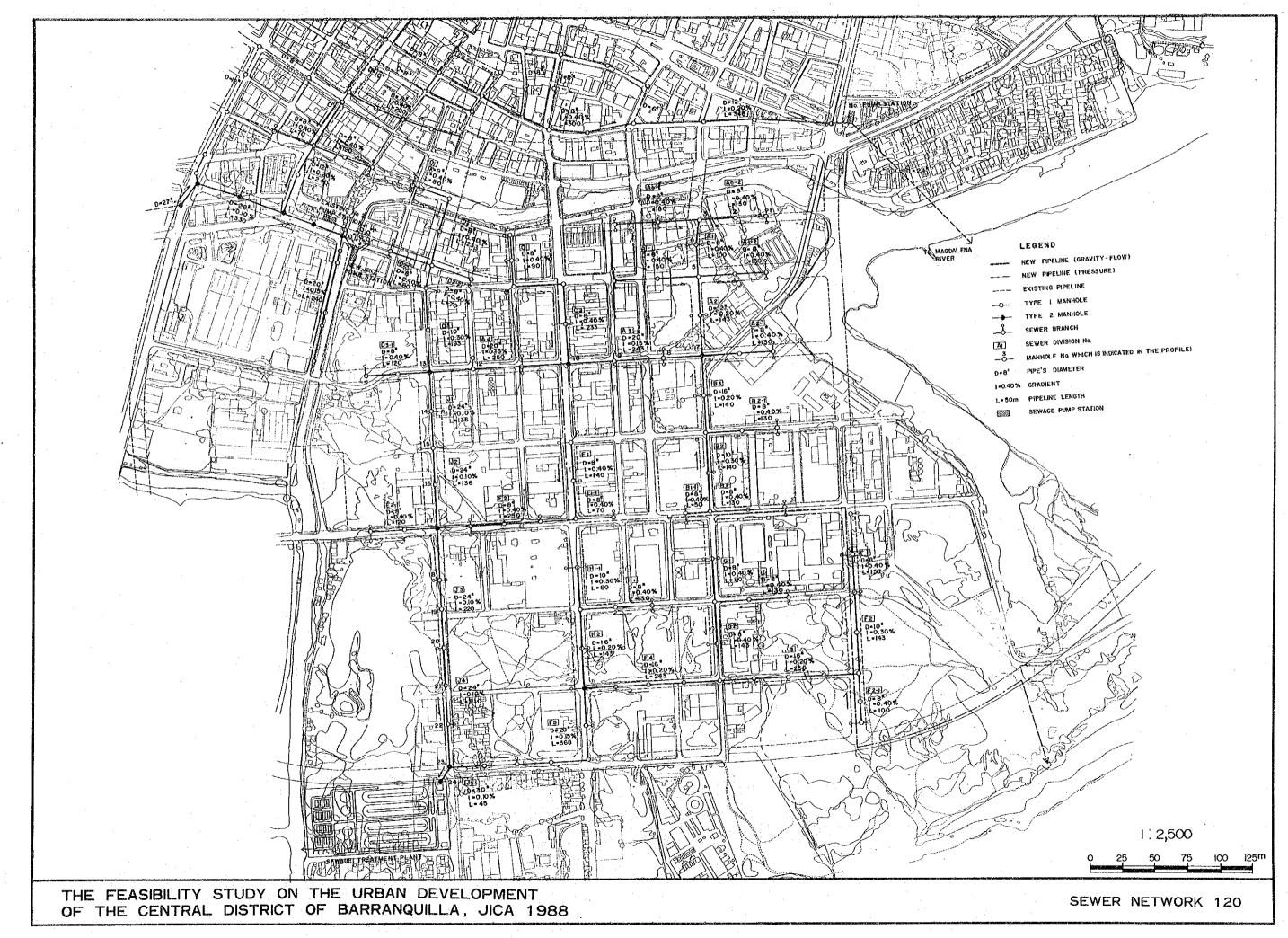




STANDARD ARRANGEMENT OF WATER SUPPLY FACILITIES

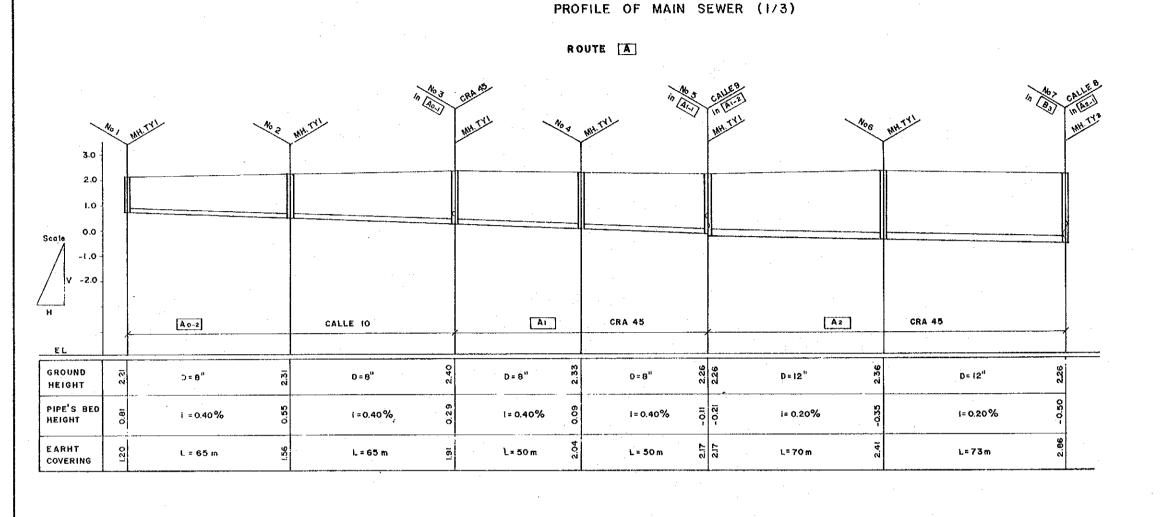


	· · · · · · · · · · · · · · · · · · ·
Α	28 3/4"
B	18"
С	71/4 ¹¹
D	81/4"
E	2 3/4"
F	35 3/4"
G	42 13/16"

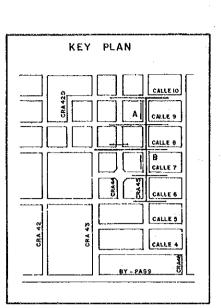


THE FEASIBILITY STUDY ON THE URBAN DEVELOPMENT OF THE CENTRAL DISTRICT OF BARRANQUILLA, JICA 1988

1/2 3.0 +	10 CO	HE B [A2.]] MUTTA	168 W	MITI CERAA	MH.TYI		4 Co CR4
2.0 1.0 0.0							
- 1.0 -				A3 CALLE 8	-44		
٤٢	k.						
GROUND IEIGHT	2.26	D = 20"	2.38	D= 20 ⁴	2.50	D= 20"	2.67
PIPE'S BED Reight	-0.7	i = 0.15%	- 0.82	i = 0.15%	4 00	i= 0.15%	-1.06
ARTH OVERING	2.46	L= 80m	2.70	L ≈ 80m	2.94	L = 83 m	323



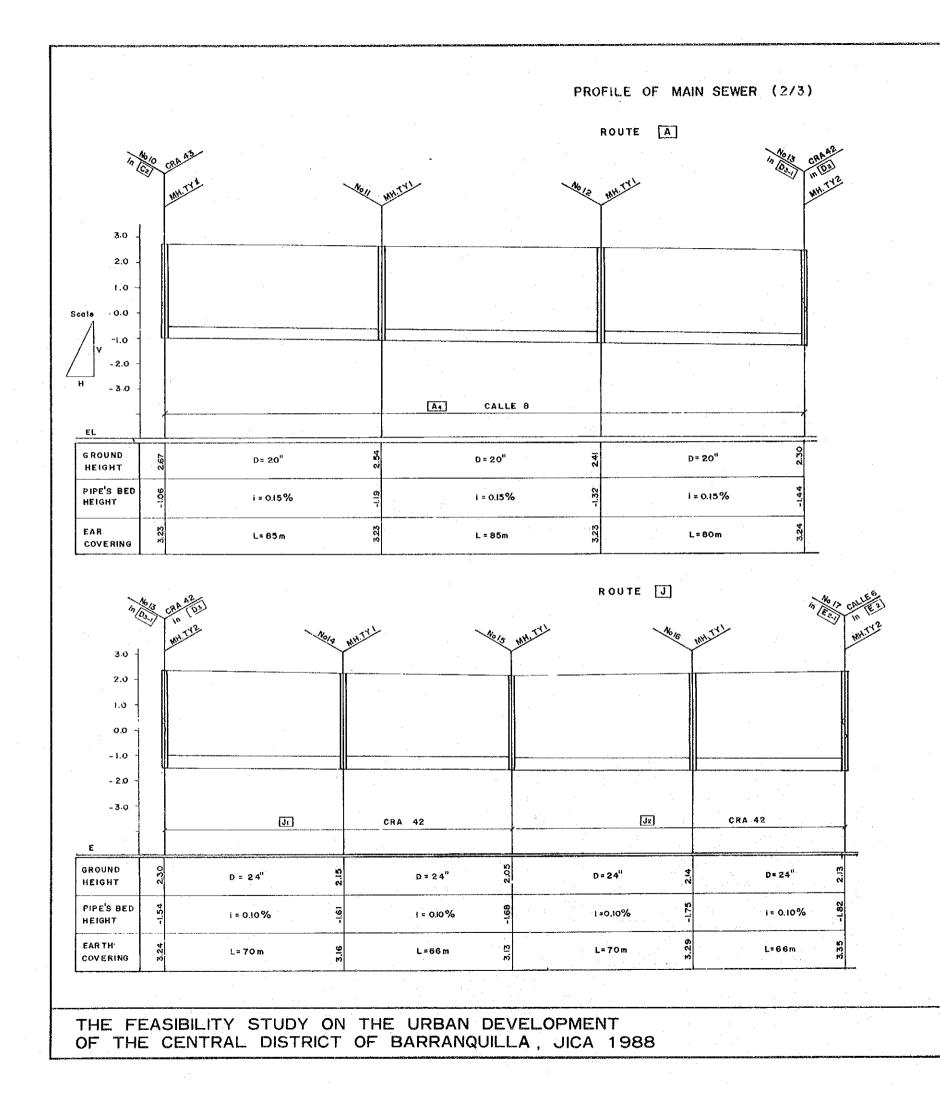
PROFILE OF MAIN SEWER (1/3) 121

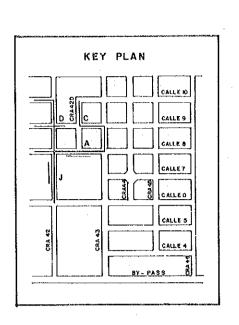


LEGEND

No. I	MANHOLE No.
мн. тү і	TYPE I MANHOLE
MH. TY 2	TYPE 2 MANHOLE
in Ao-i	INFLOW OF A
D = 8"	PIPE'S DIAMETER
i= 0.40%	GRADIENT

L=65m PIPELINE LENGTH



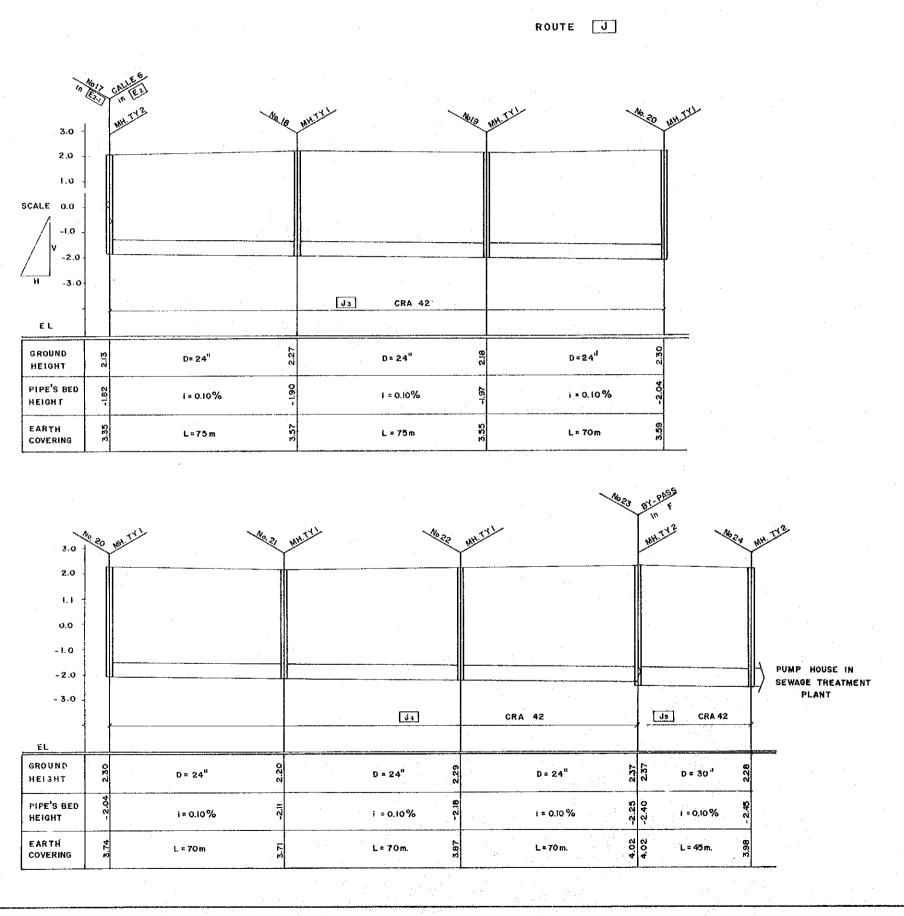


LEGEND

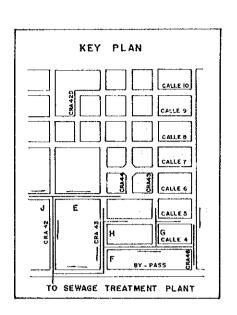
No. I	MANHOLE No.
MH. TY I	TYPE I MANHOLE
MH. TY 2	TYPE 2 MANHOLE
in Ao-1	INFLOW OF A
D = 8 ⁴¹ · · ·	PIPE'S DIAMETER
i= 0.40%	GRADIENT
1 = 65m	DIDENINE TENATH

PROFILE OF MAIN SEWER (2/3) 122

THE FEASIBILITY STUDY ON THE URBAN DEVELOPMENT OF THE CENTRAL DISTRICT OF BARRANQUILLA, JICA 1988



PROFILE OF MAIN SEWER (3/3)



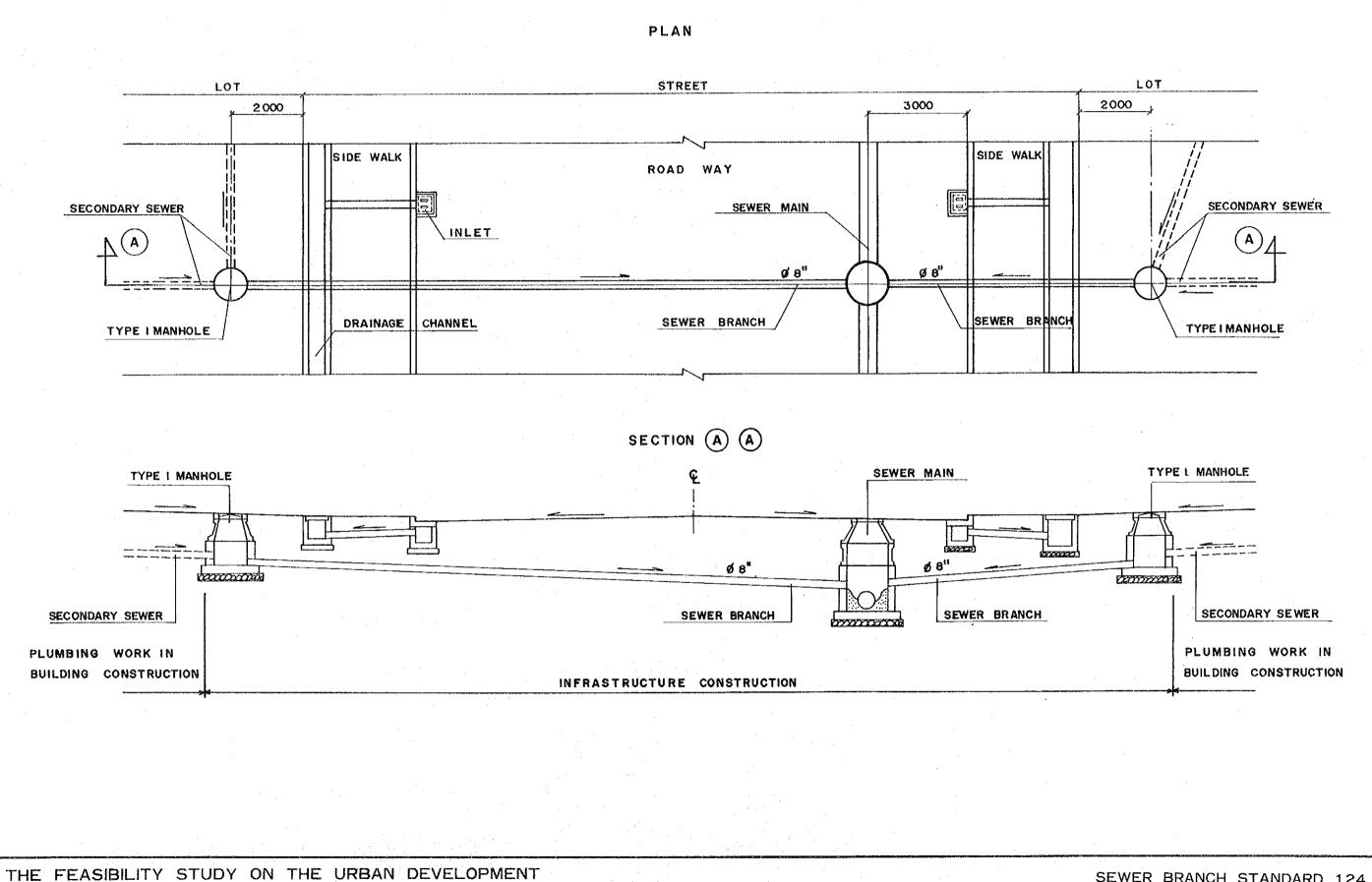
LEGEND

No. I	MANHOLE No.
MH. TY I	TYPEI MANHOLE
MH. TY 2	TYPE 2 MANHOLE
in Ao-i	INFLOW OF A0-1 PIPELINE
D = 8 "	PIPE'S DIAMETER
i = 0.40%	GRADIENT
L= 65 m	PIPELINE LENGTH

PROFILE OF MAIN SEWER (3/3) 123

SEWER BRANCH STANDARD





OF THE CENTRAL DISTRICT OF BARRANQUILLA, JICA 1988

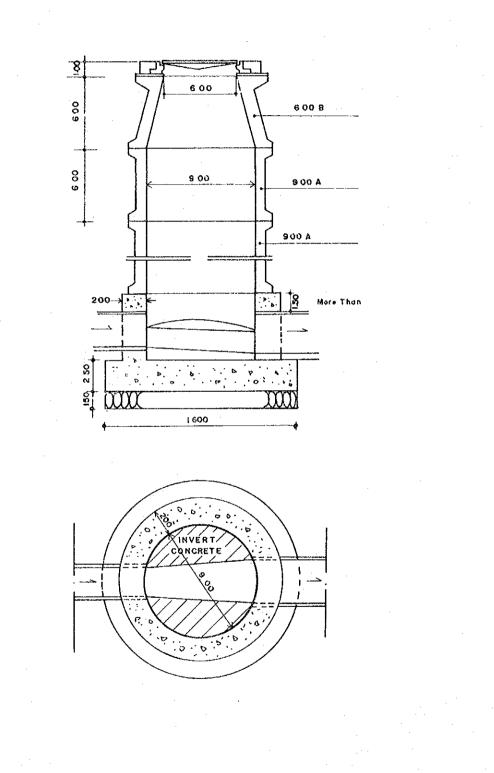
SEWER BRANCH STANDARD 124

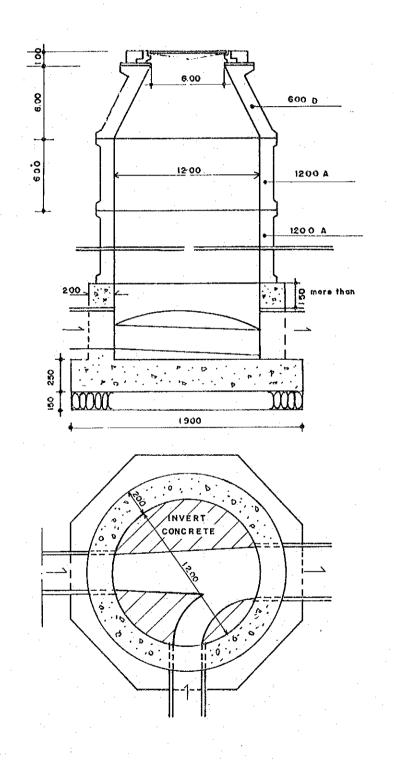
STANDAR STRUCTURE OF MANHOLE

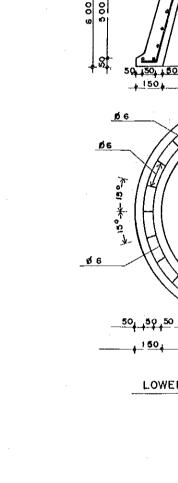
TYPE I MANHOLE

TYPE 2 MANHOLE

50,

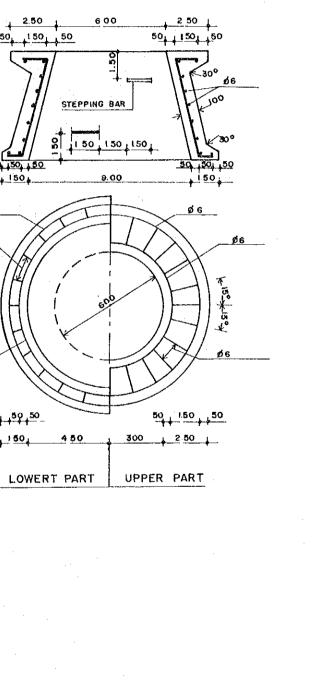






THE FEASIBILITY STUDY ON THE URBAN DEVELOPMENT OF THE CENTRAL DISTRICT OF BARRANQUILLA, JICA 1988





STANDARD STRUCTURE OF MANHOLE 125

PRE-CAST REINFORCED CONCRETE CYLINDER

INCLINED WALL 600 D For TYPE 2 MANHOLE

600

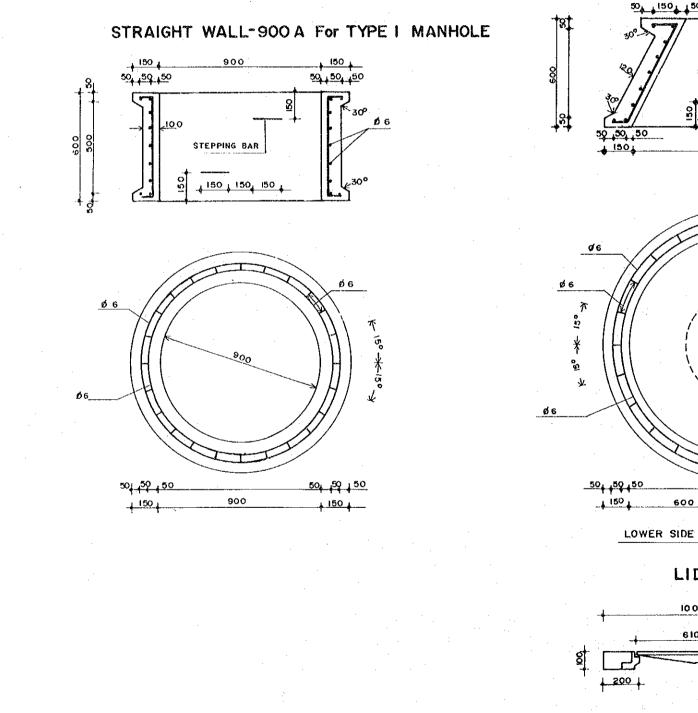
250

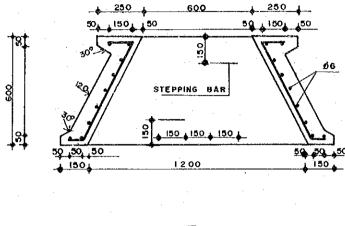
50 + 150 + 50

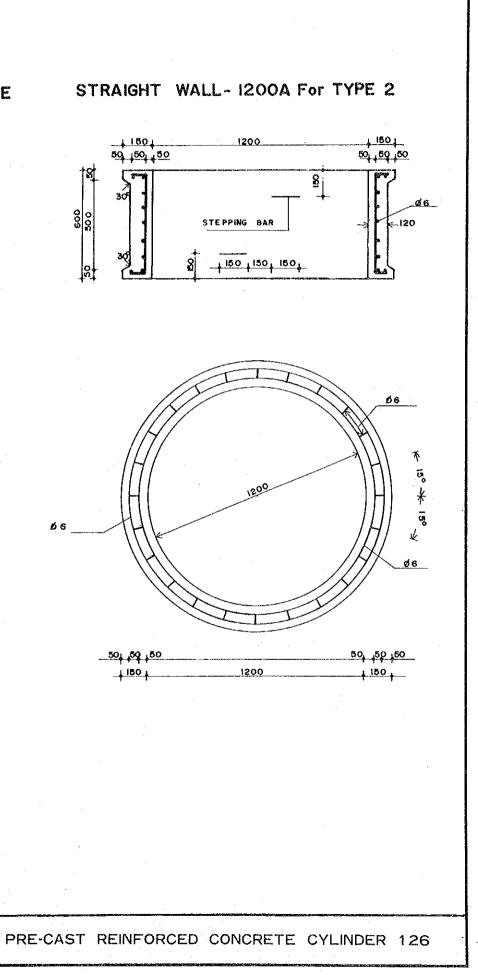
250 1

UPPER SIDE

300

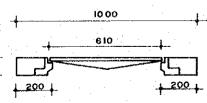






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10 00 610



THE FEASIBILITY STUDY ON THE URBAN DEVELOPMENT OF THE CENTRAL DISTRICT OF BARRANQUILLA, JICA 1988

