

NOTE: EXISTING LOCATION

- | | |
|------------------------------|------------|
| 1 M.I.B.T. | 5 Z.A.N.A. |
| 2 Z.B.S. | 6 Z.N.T.B. |
| 3 Z.I.S. GRAPHIC ARTS | |
| 4 Z.I.S. MAINTENANCE SECTION | |

RADIO & TELEVISION NETWORK EXPANSION PROJECT

**STUDIO CENTRE
SITE LOCATION PLAN**

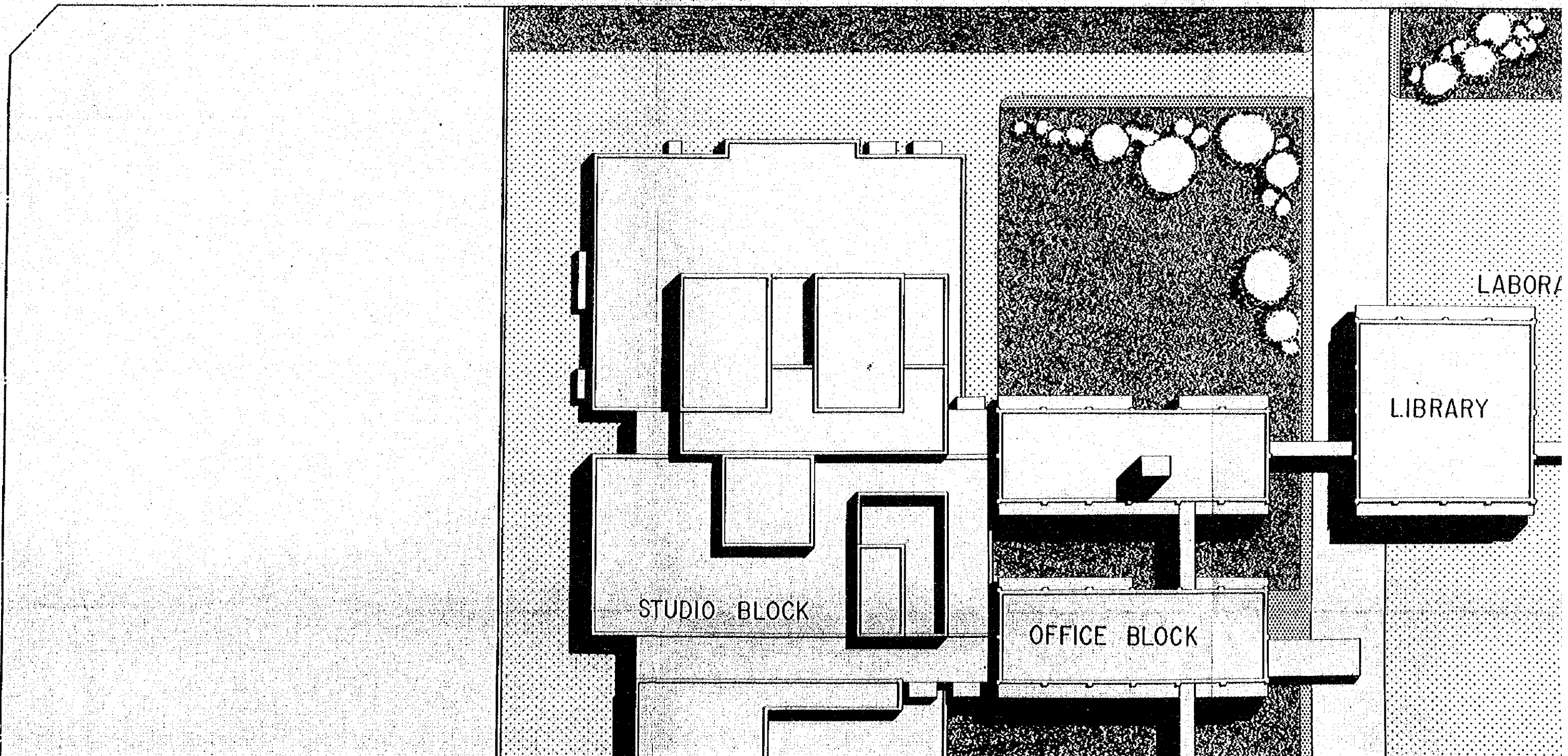
DRAWING NO

1

SCALE
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2-1974

NASSER ROAD



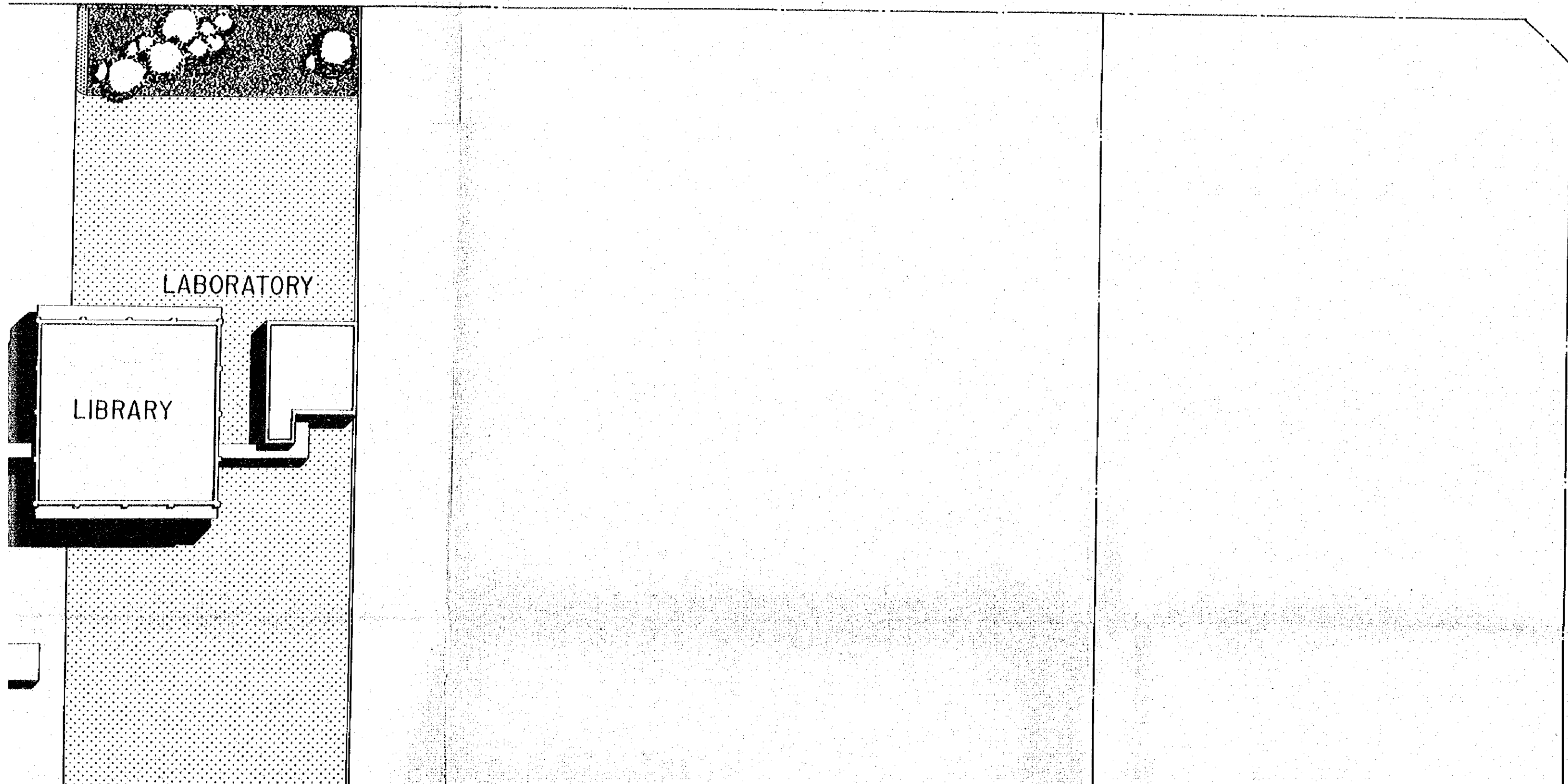
STUDIO BLOCK

OFFICE BLOCK

LIBRARY

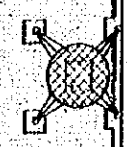
LABOR/

ER ROAD



STUDIO BLOCK

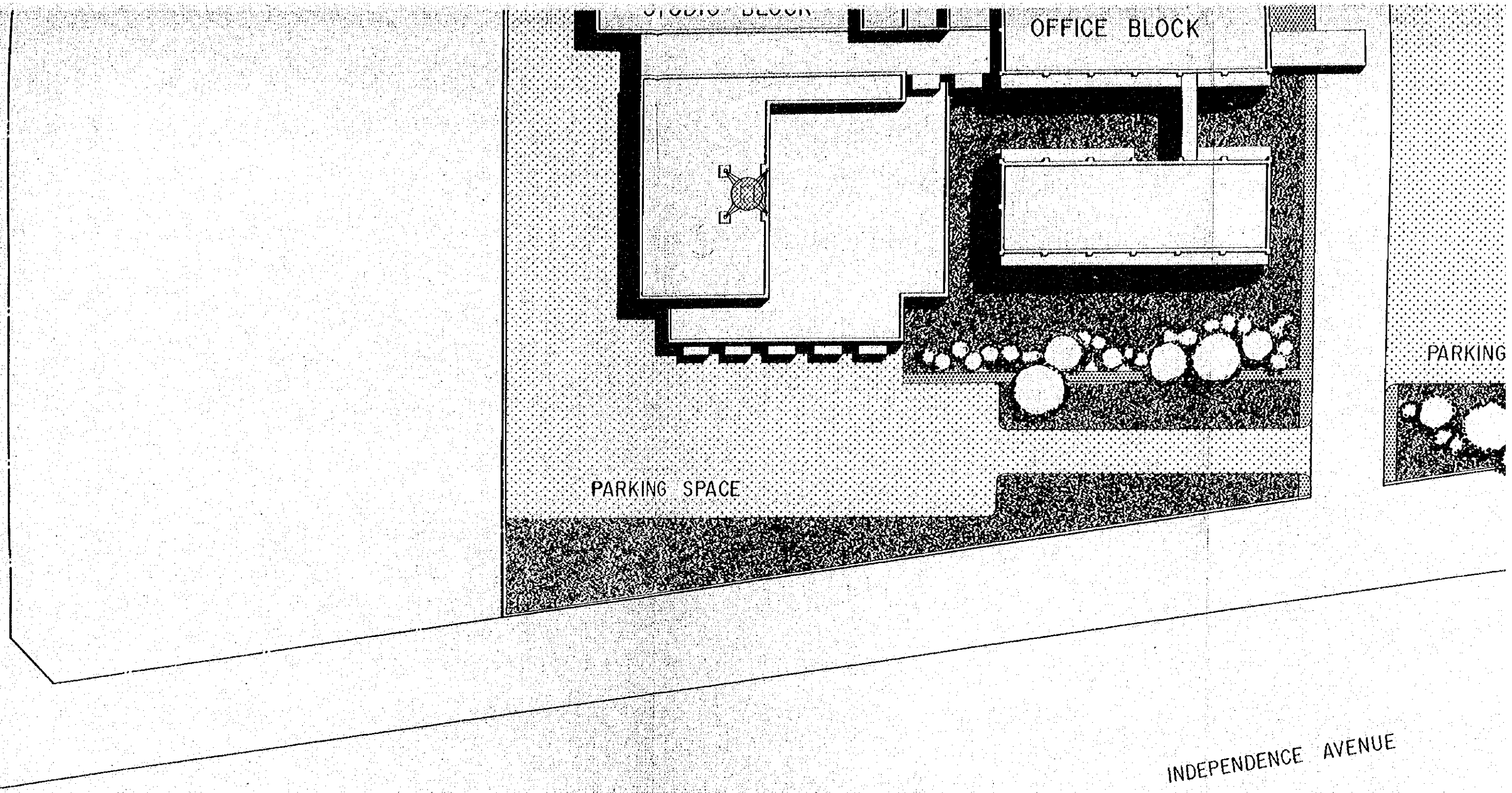
OFFICE BLOCK



PARKING SPACE

PARKING

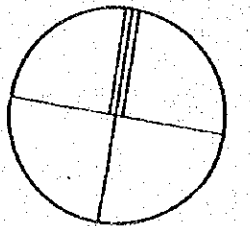
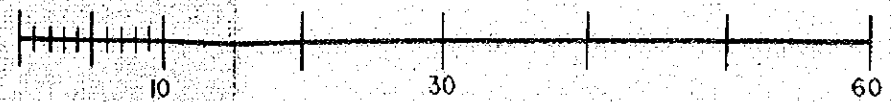
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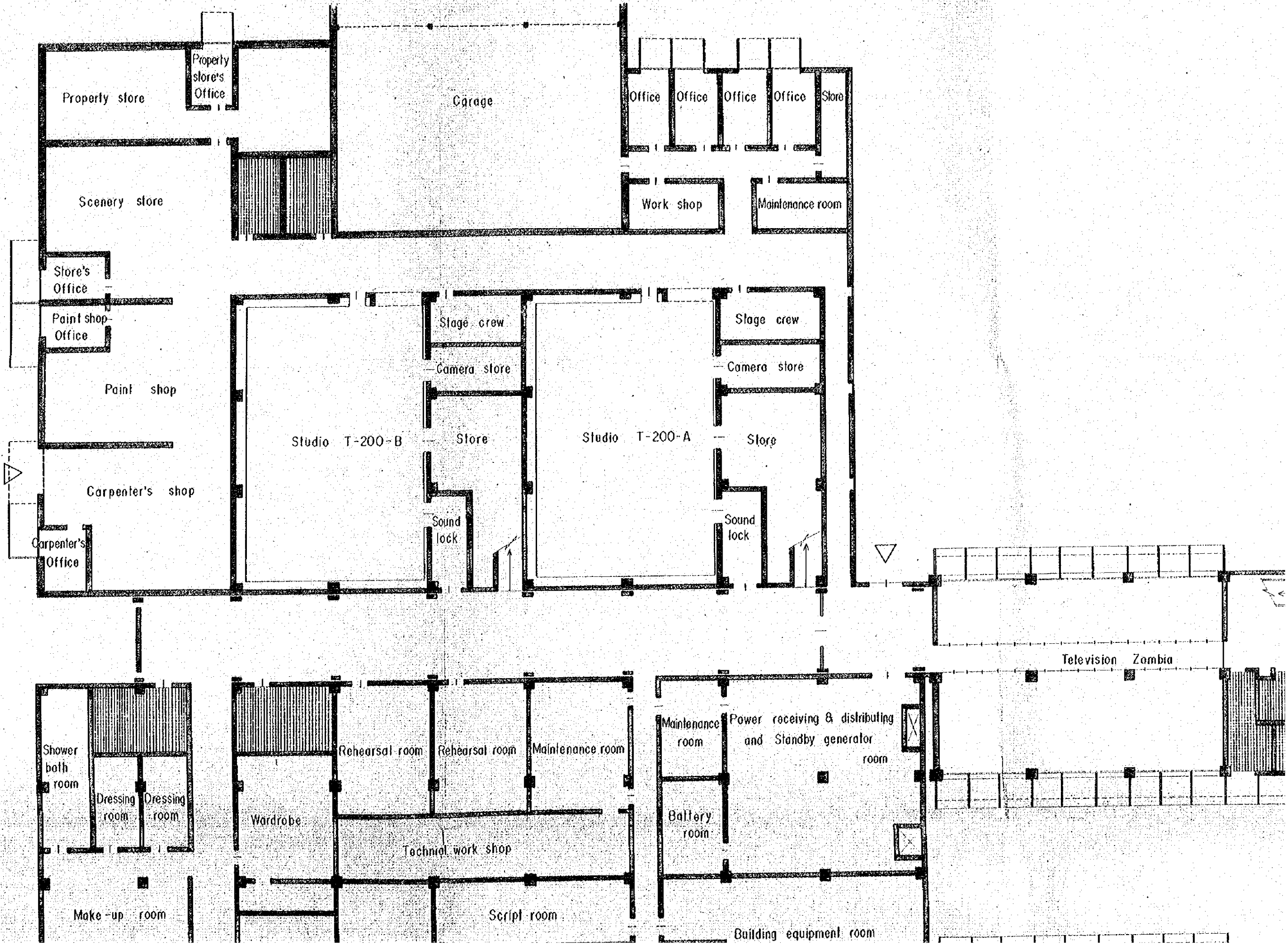
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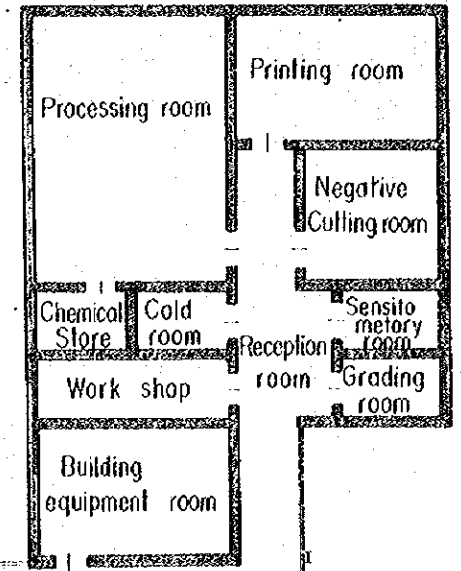
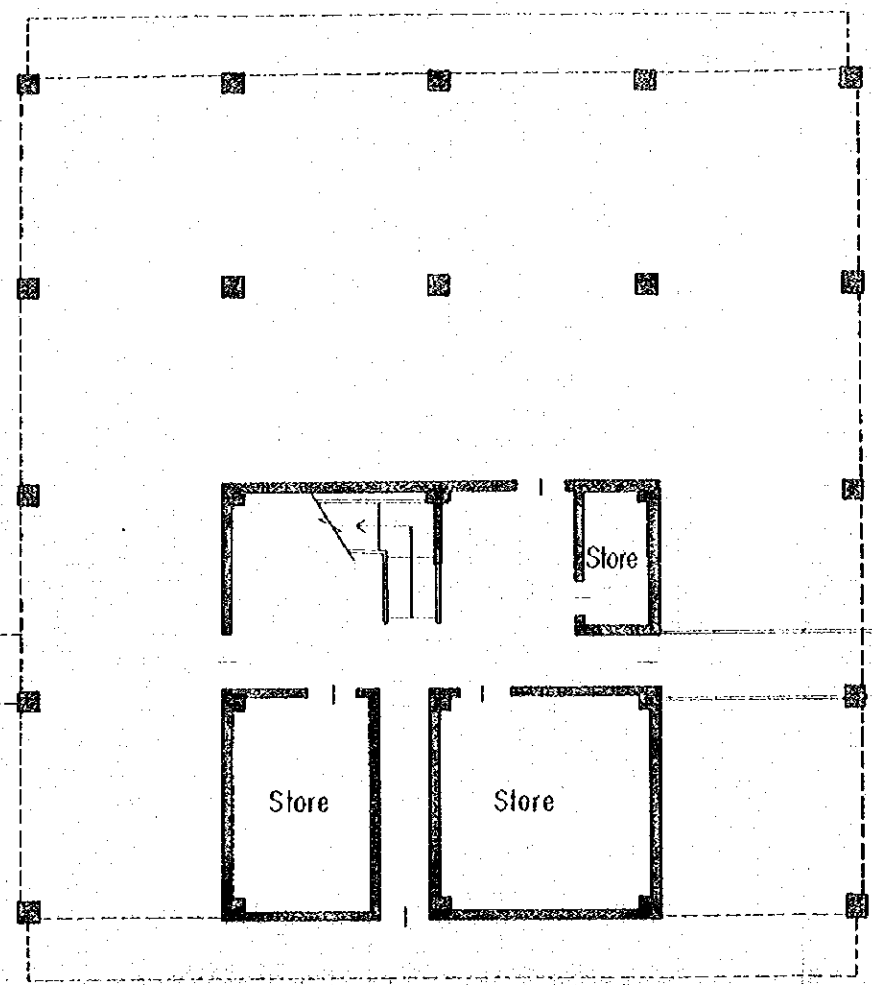
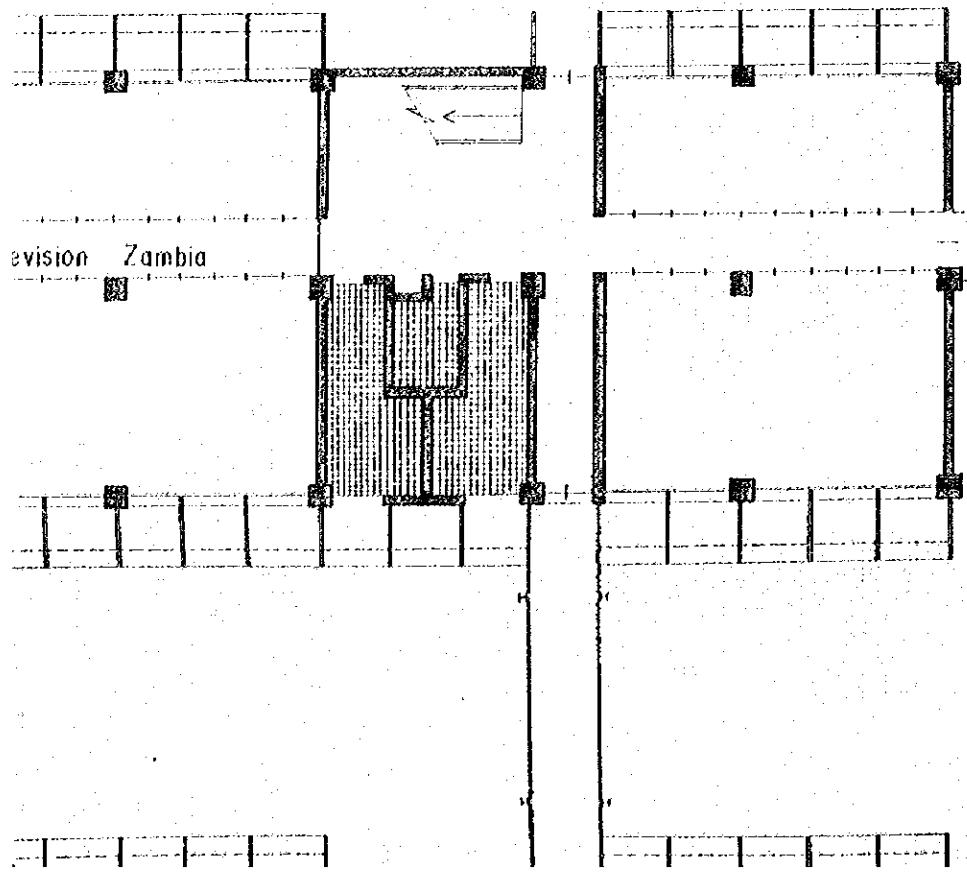


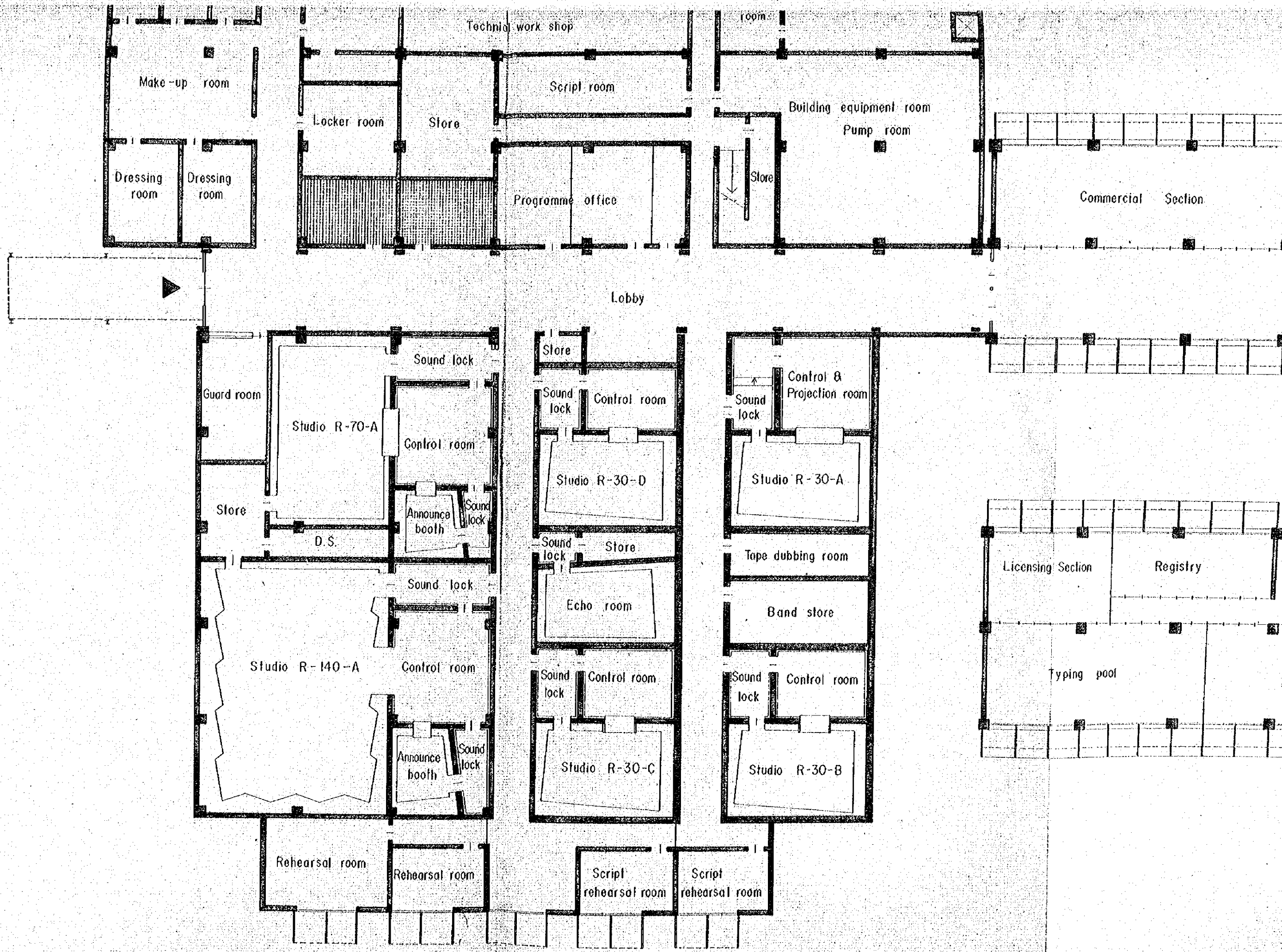
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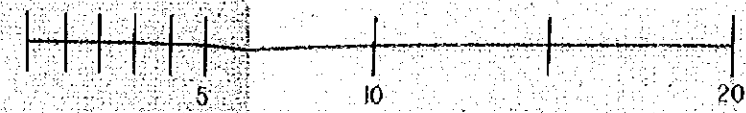
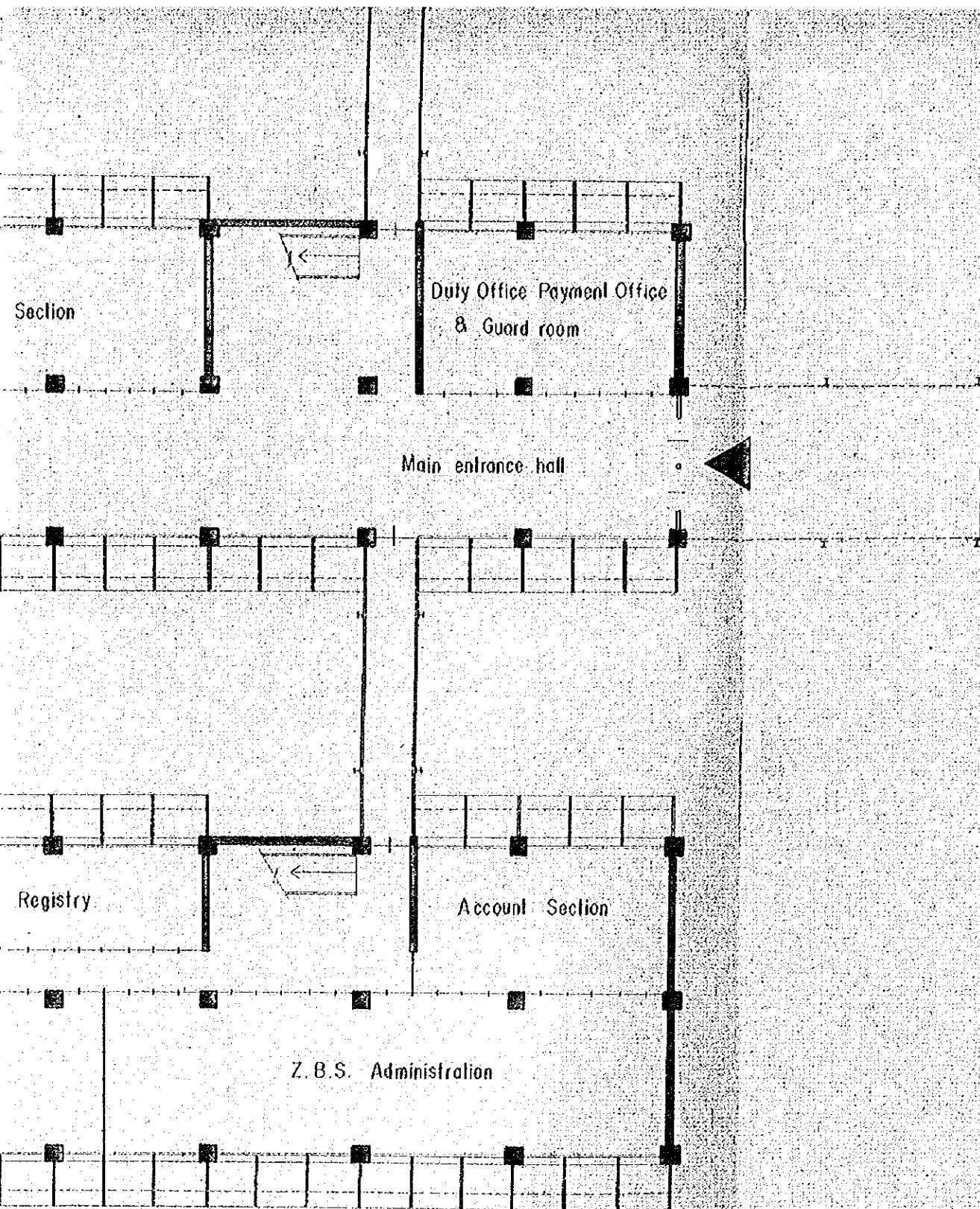


RADIO & TELEVISION NETWORK EXPANSION PROJECT	
STUDIO CENTRE	DRAWING NO
SITE PLAN	2
	SCALE 1:500
	2. 1974

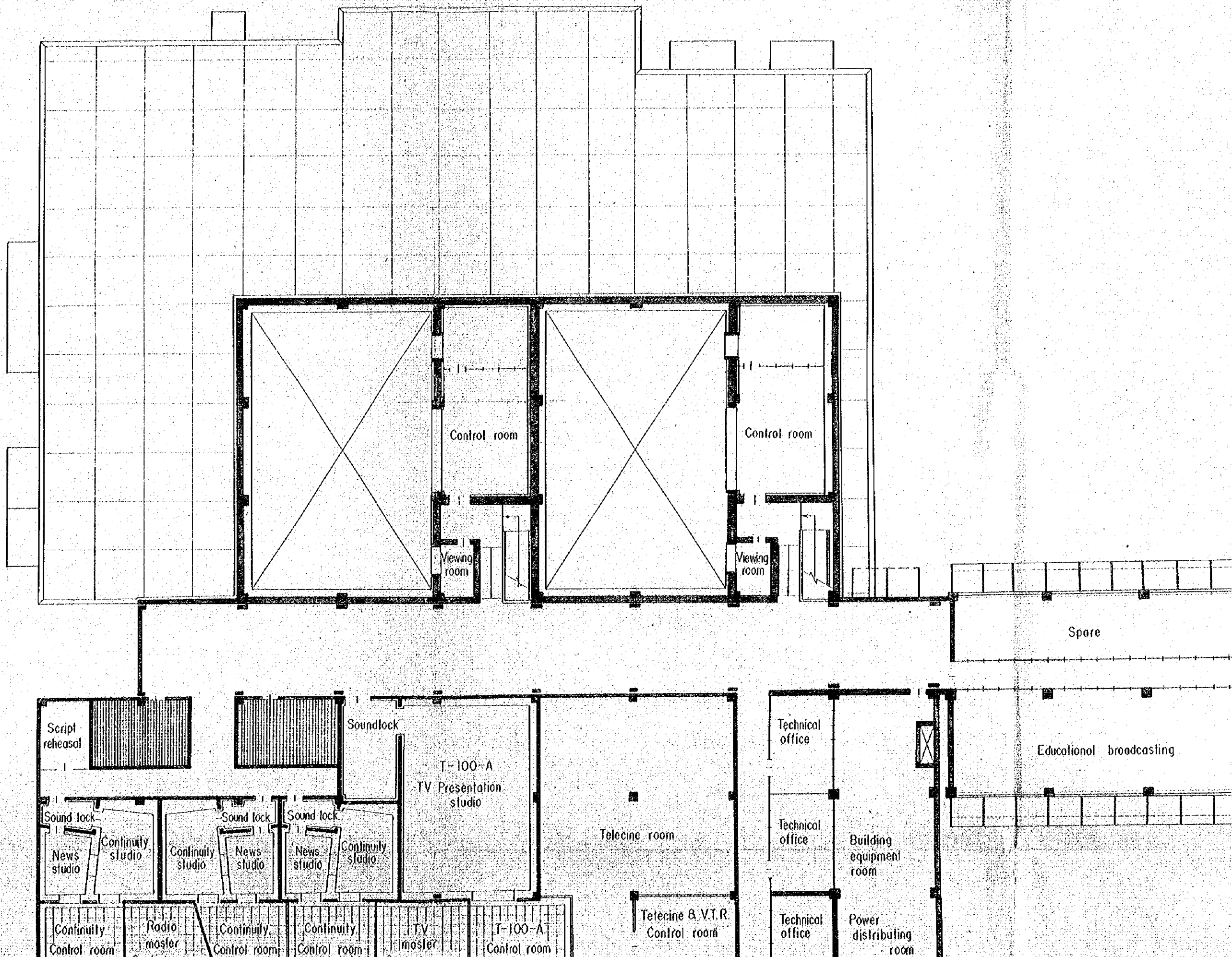


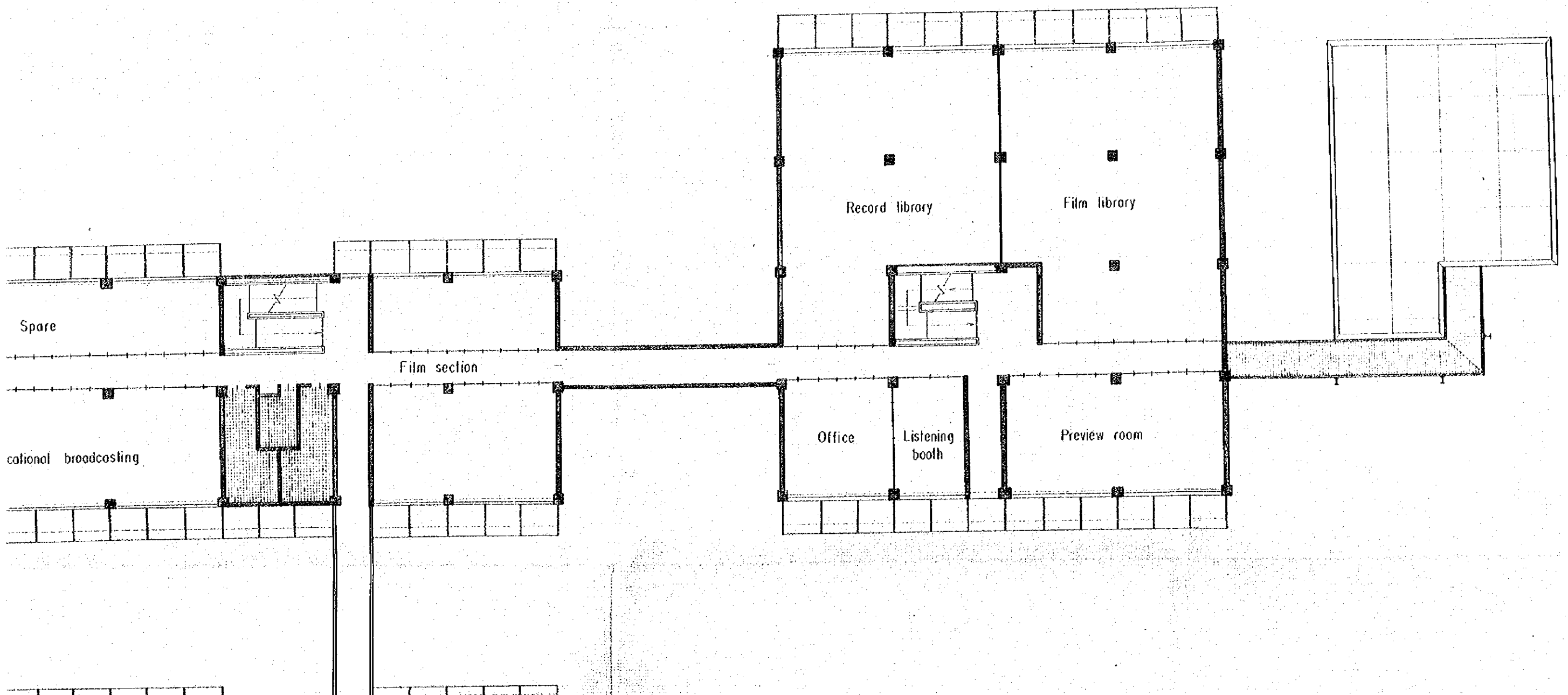


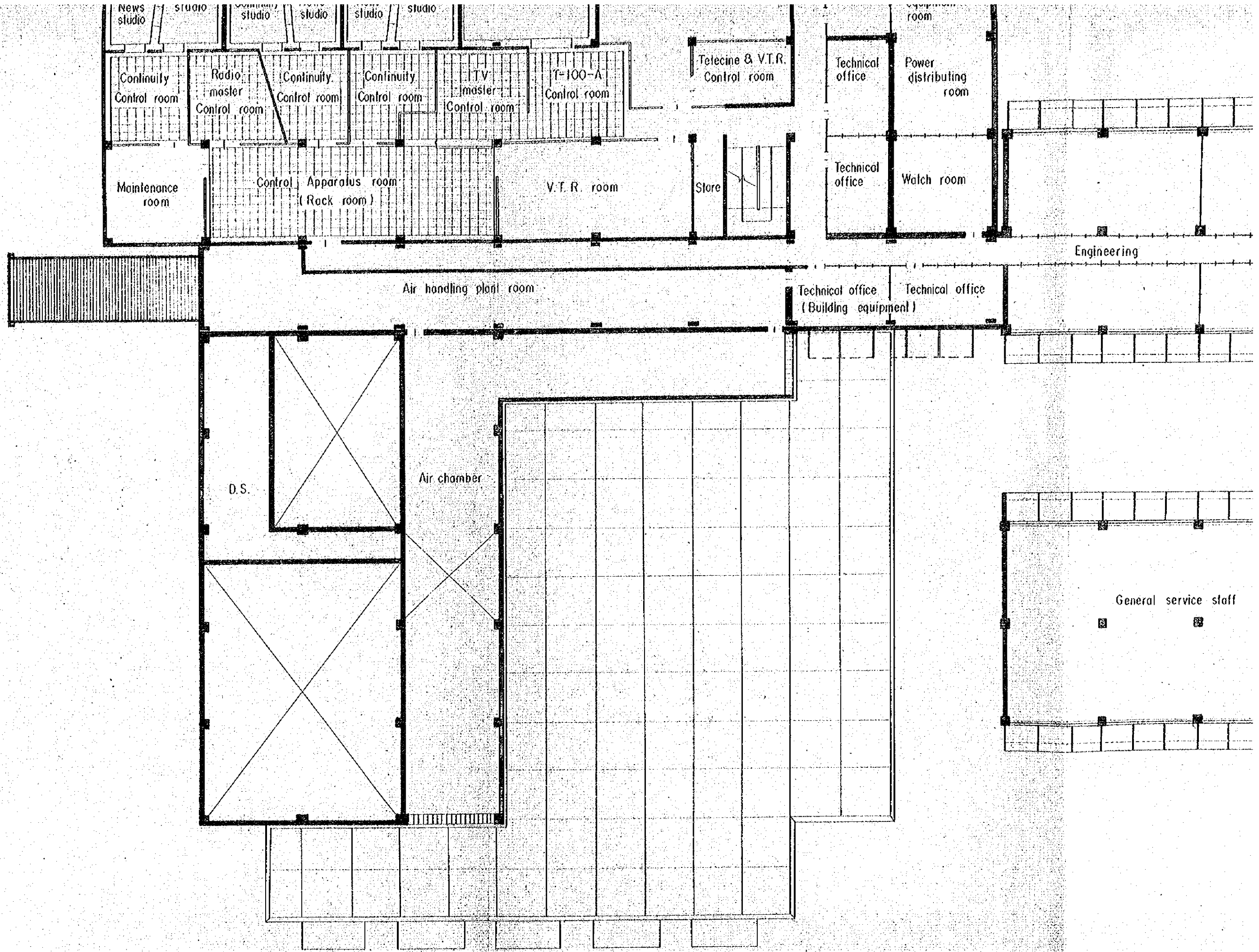


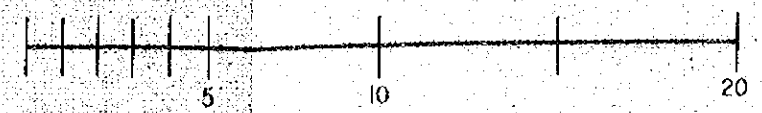
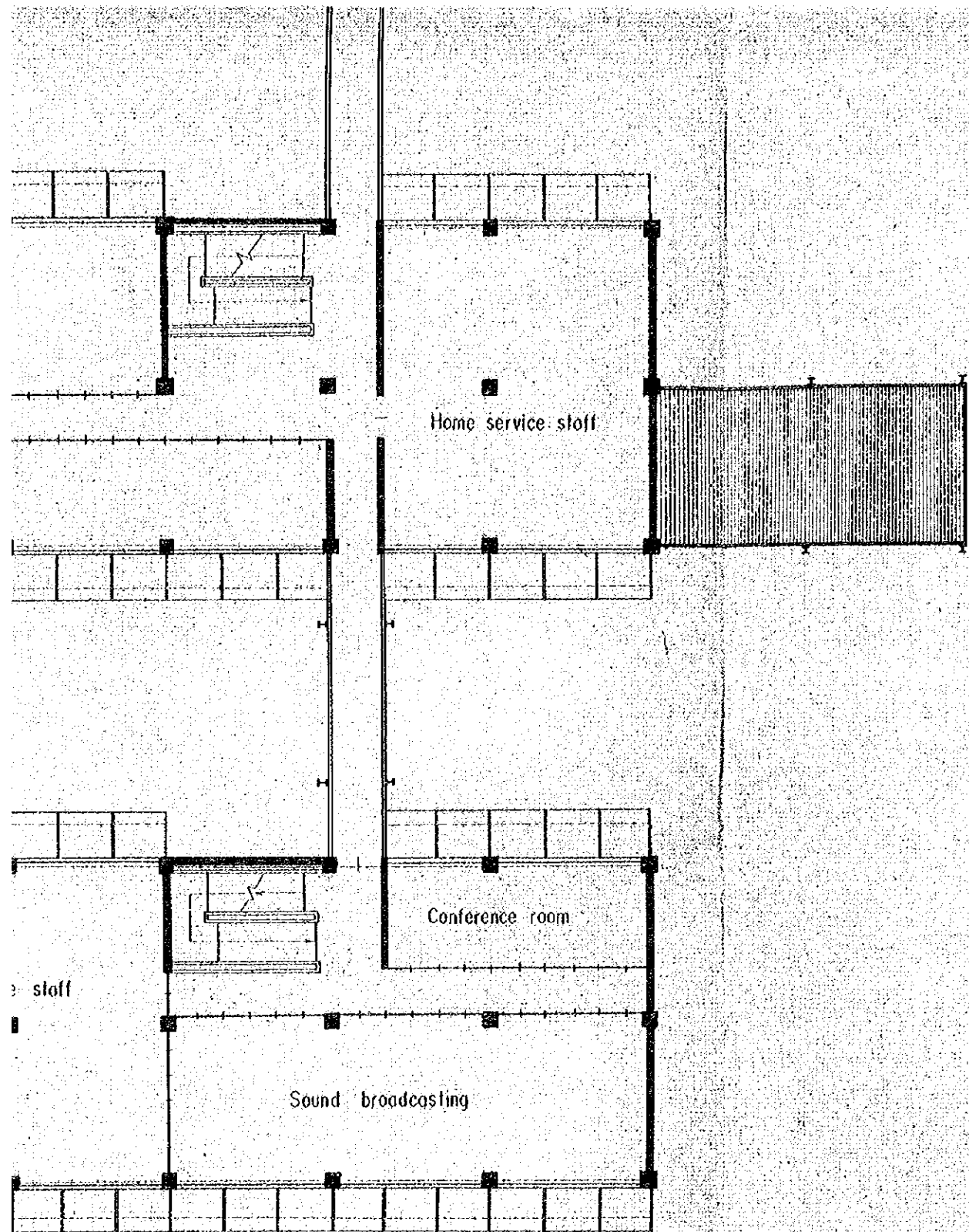


RADIO & TELEVISION NETWORK EXPANSION PROJECT	
STUDIO CENTRE	DRAWING NO.
GROUND FLOOR PLAN	3
	SCALE 1:200



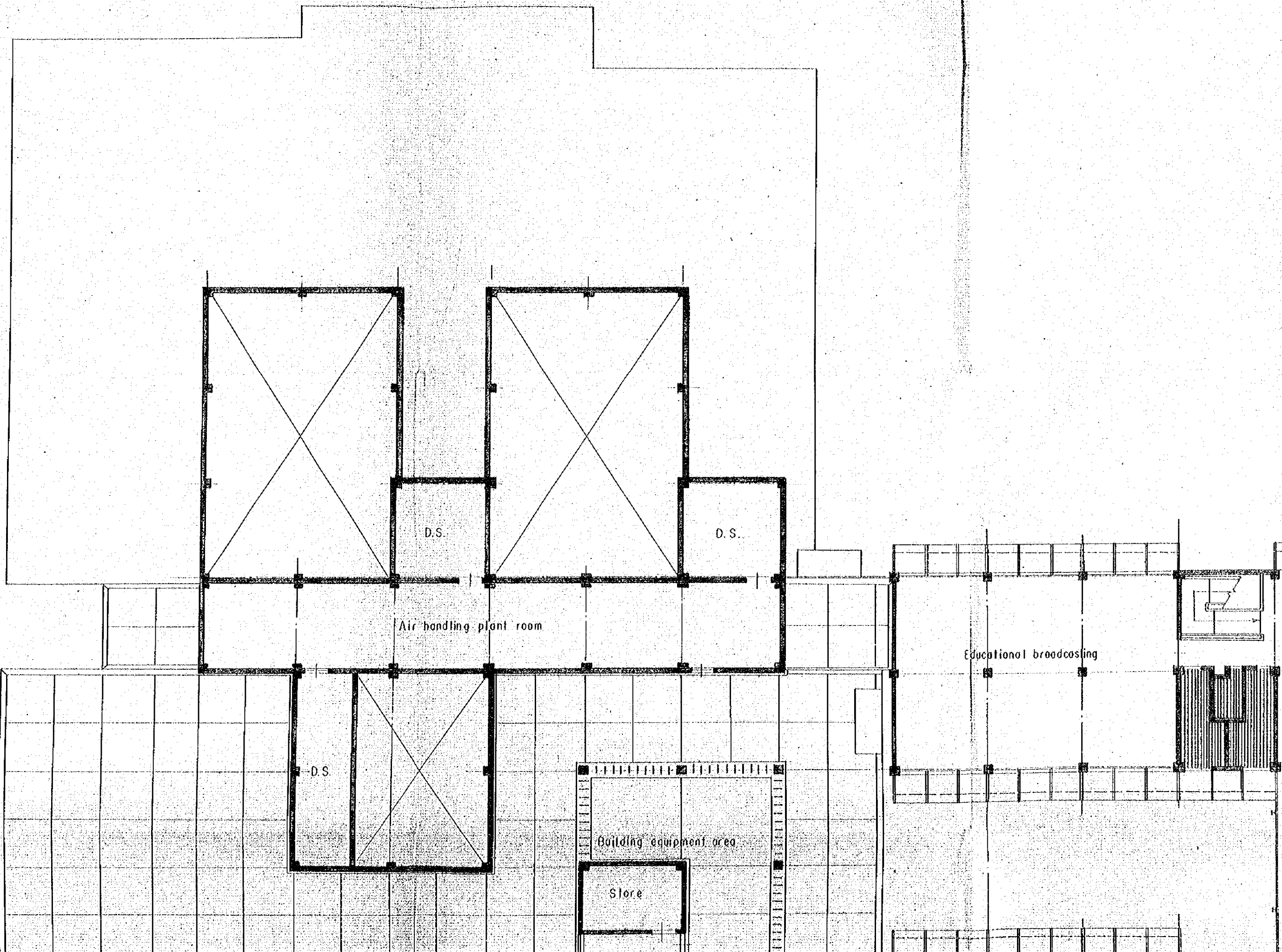


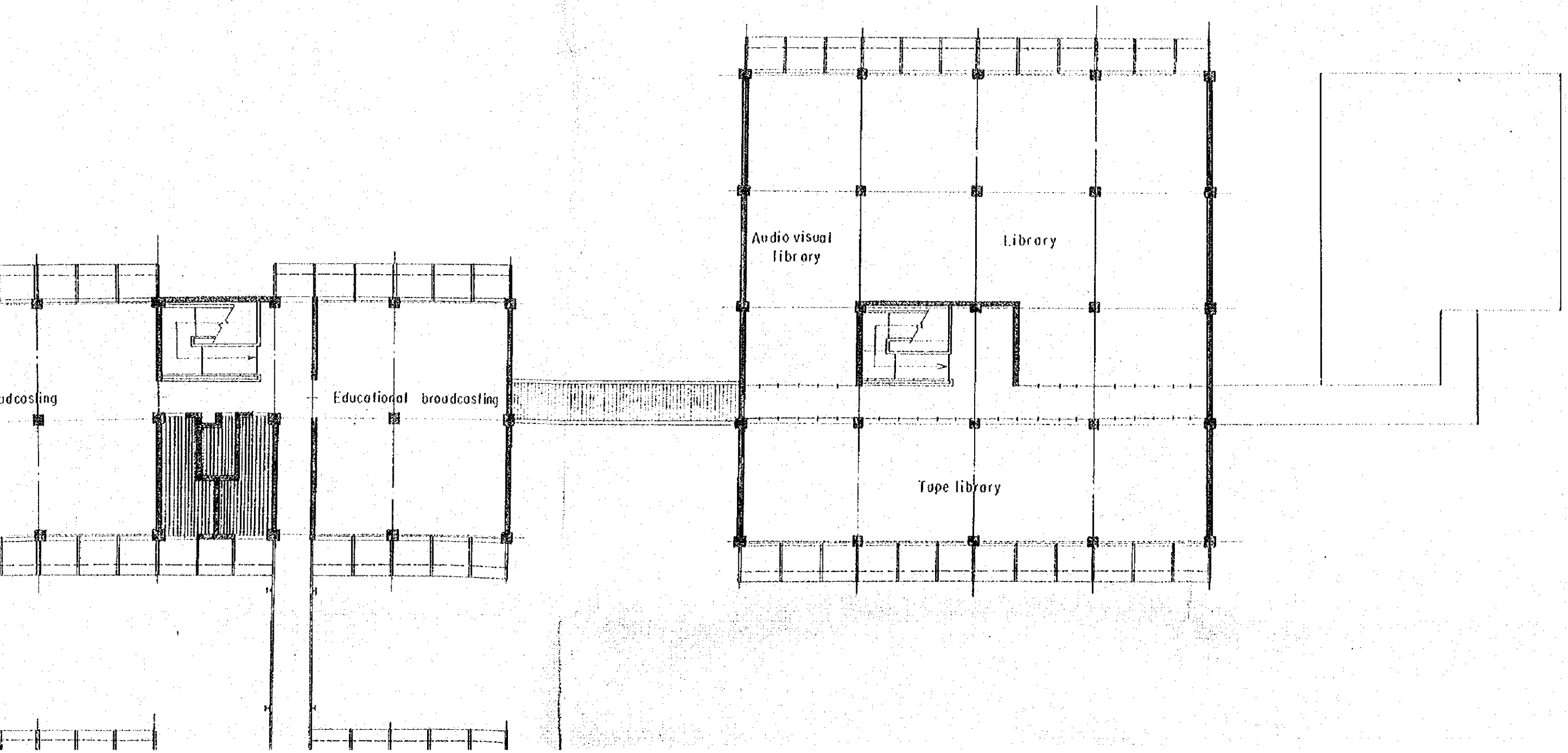


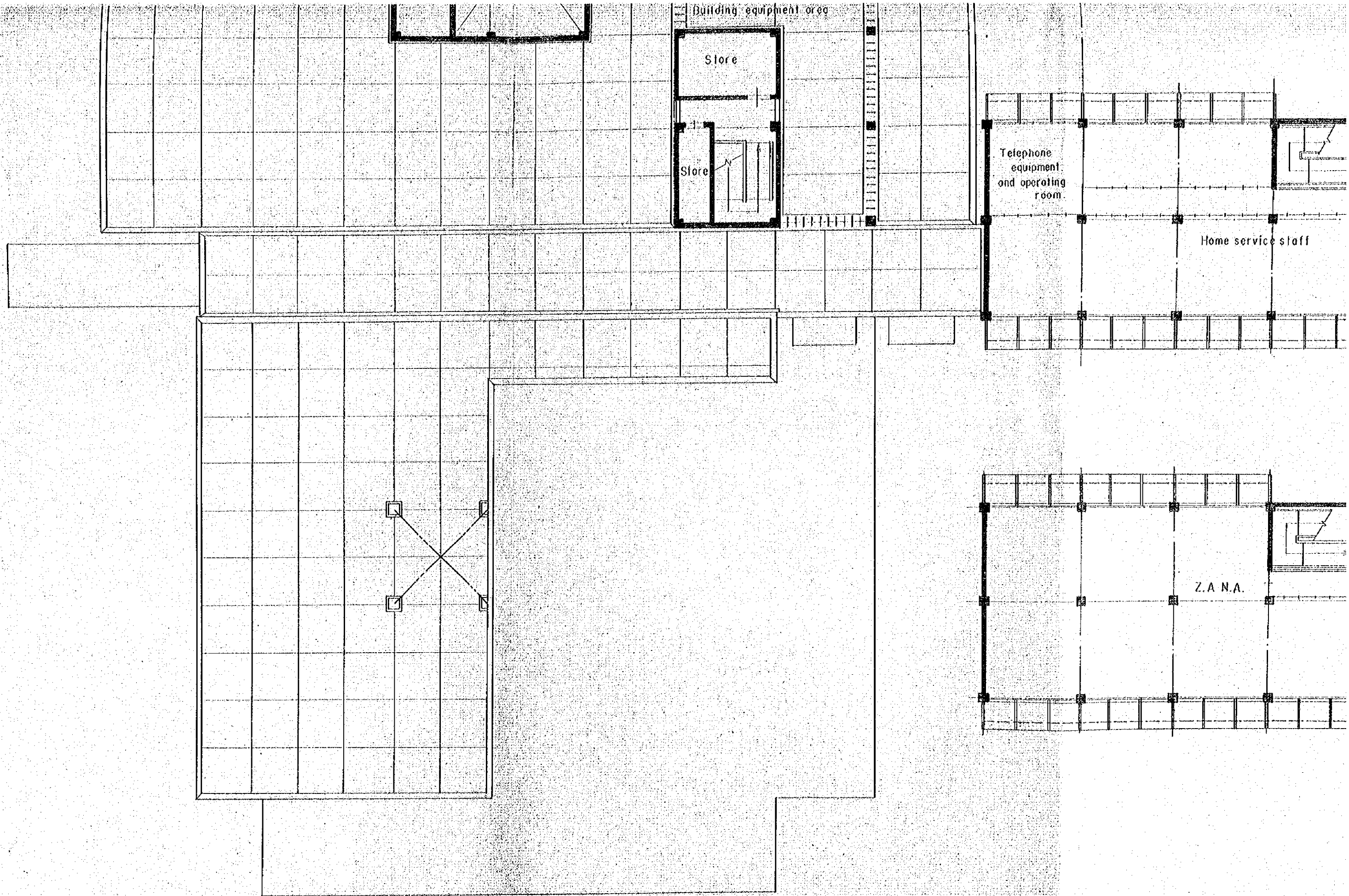


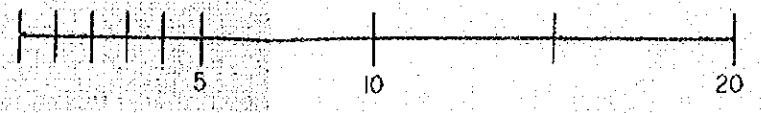
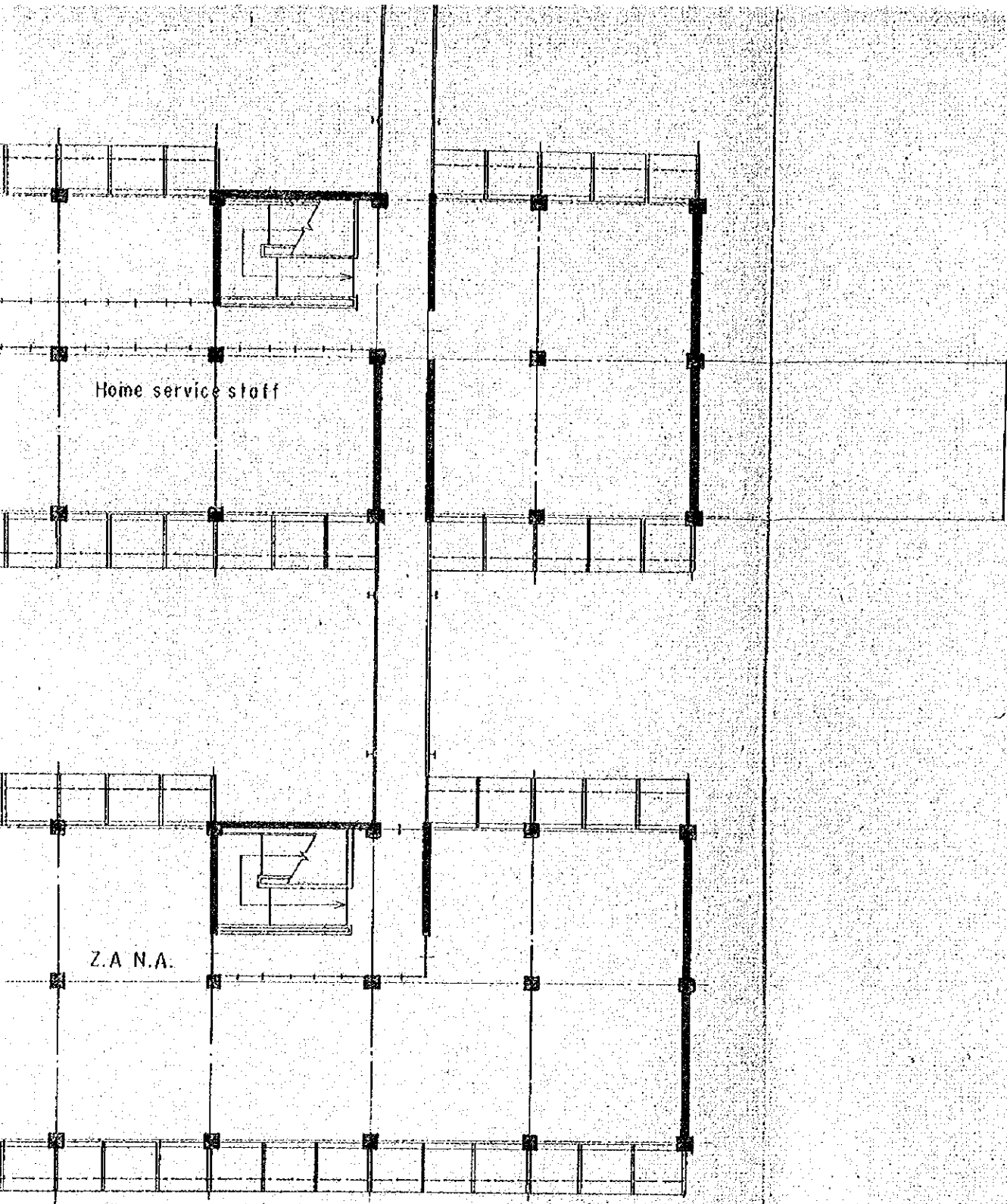
RADIO & TELEVISION NETWORK EXPANSION PROJECT	
STUDIO CENTRE	DRAWING NO.
1ST FLOOR PLAN	4
	SCALE
	1 : 200

2. 1974

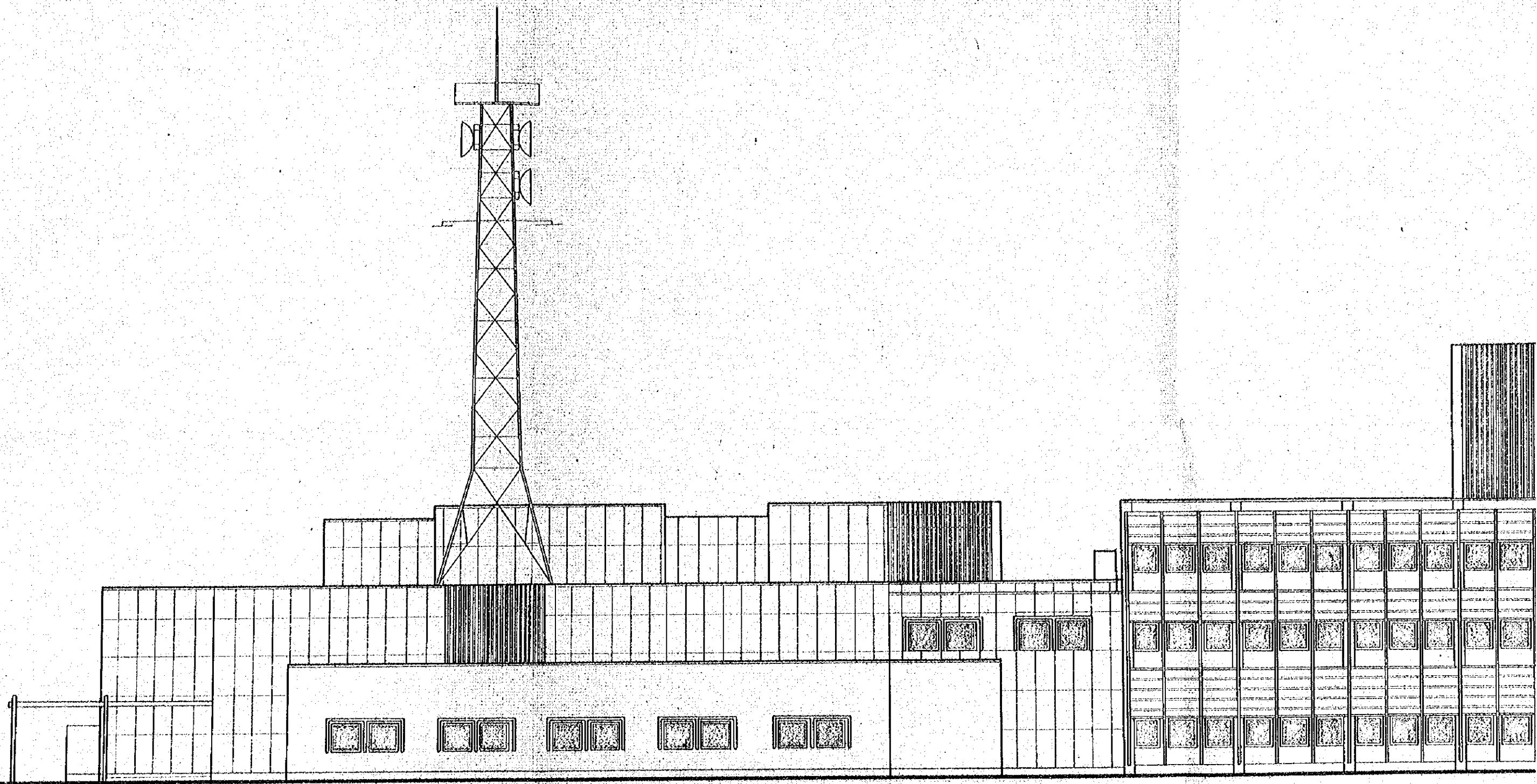




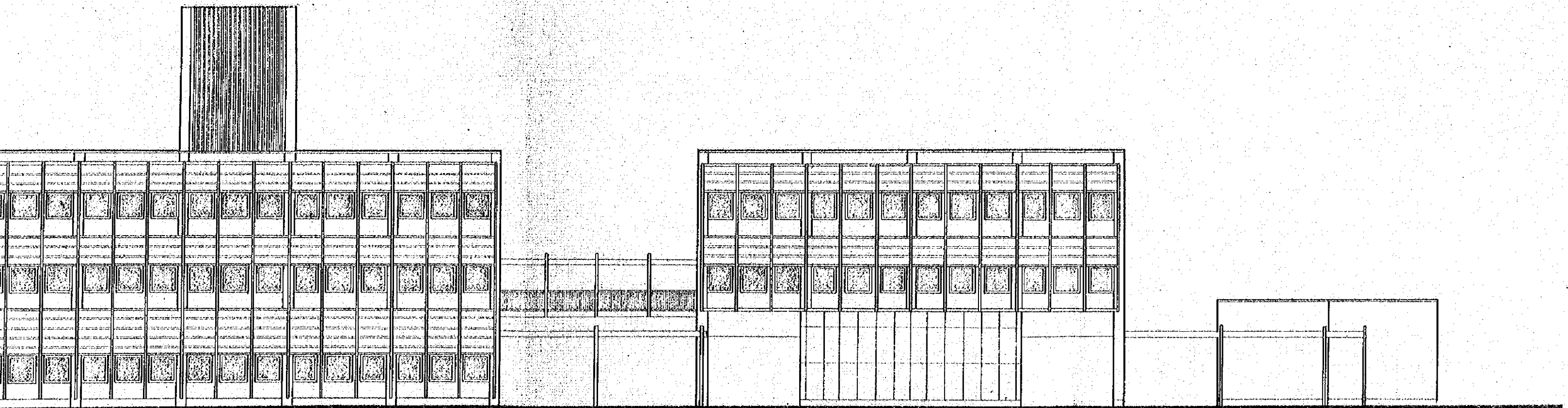




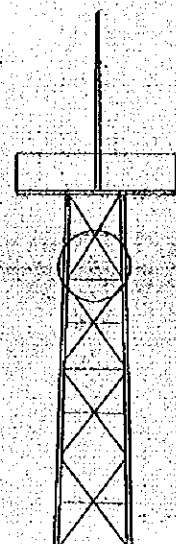
RADIO & TELEVISION NETWORK EXPANSION PROJECT	
STUDIO CENTRE	DRAWING NO.
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	SCALE 1:200
	2.1974

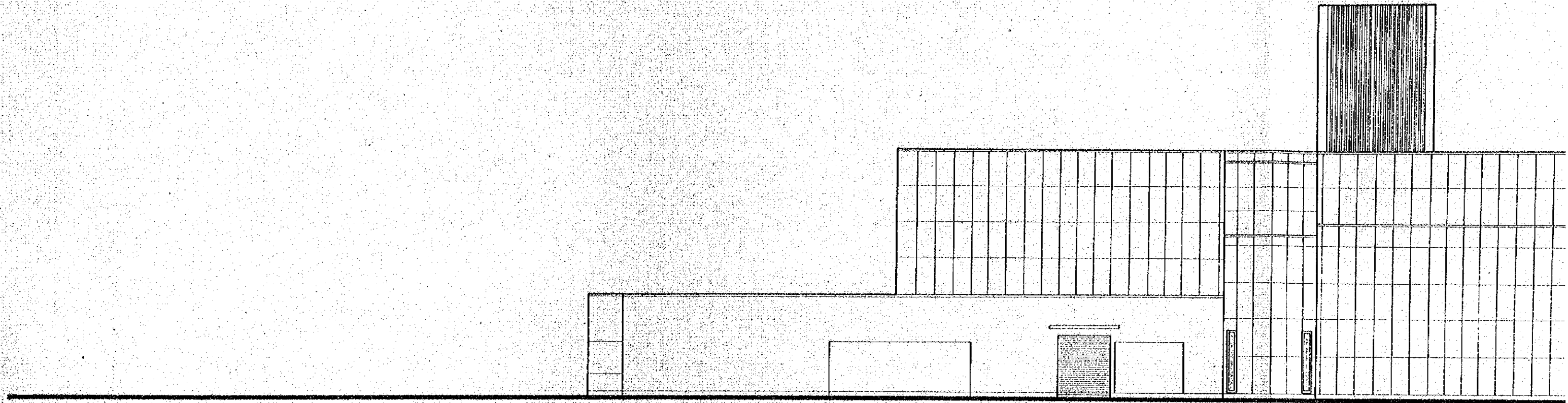


ELEVATION SOL

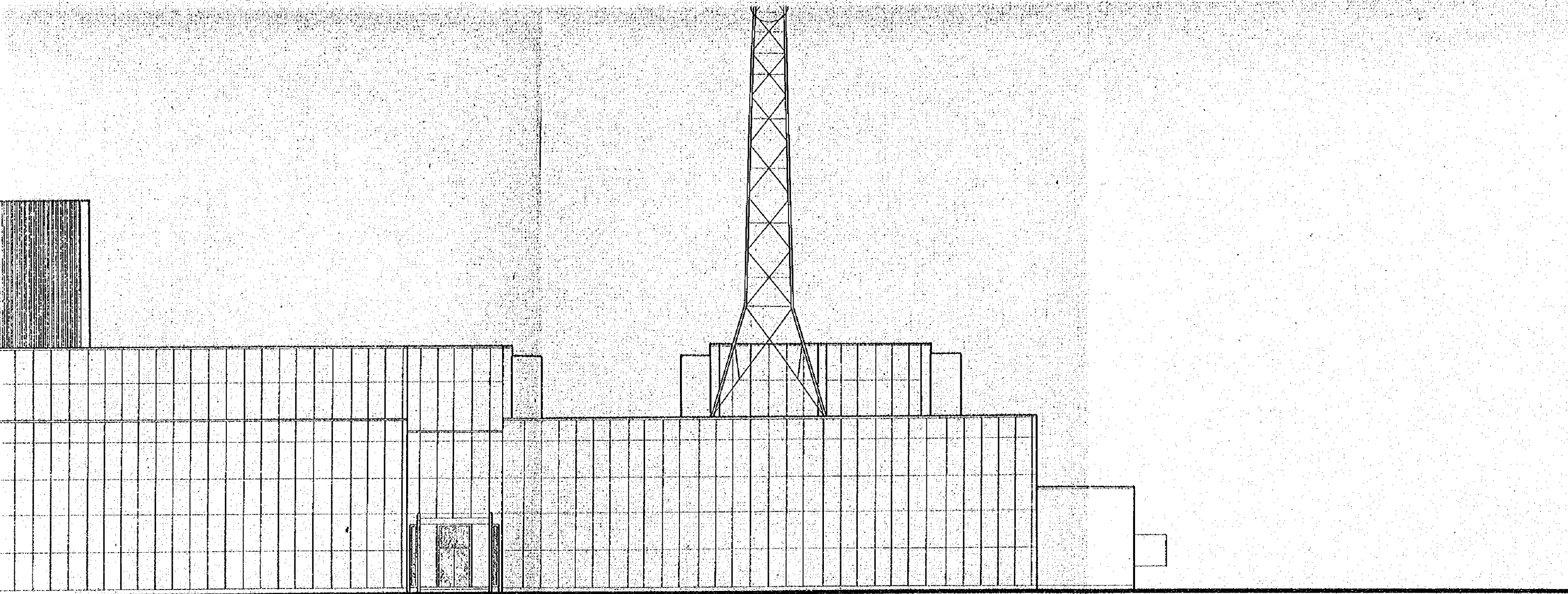


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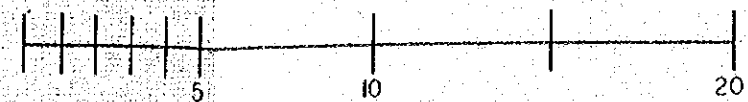




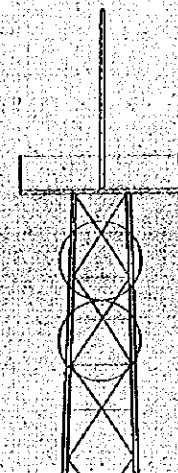
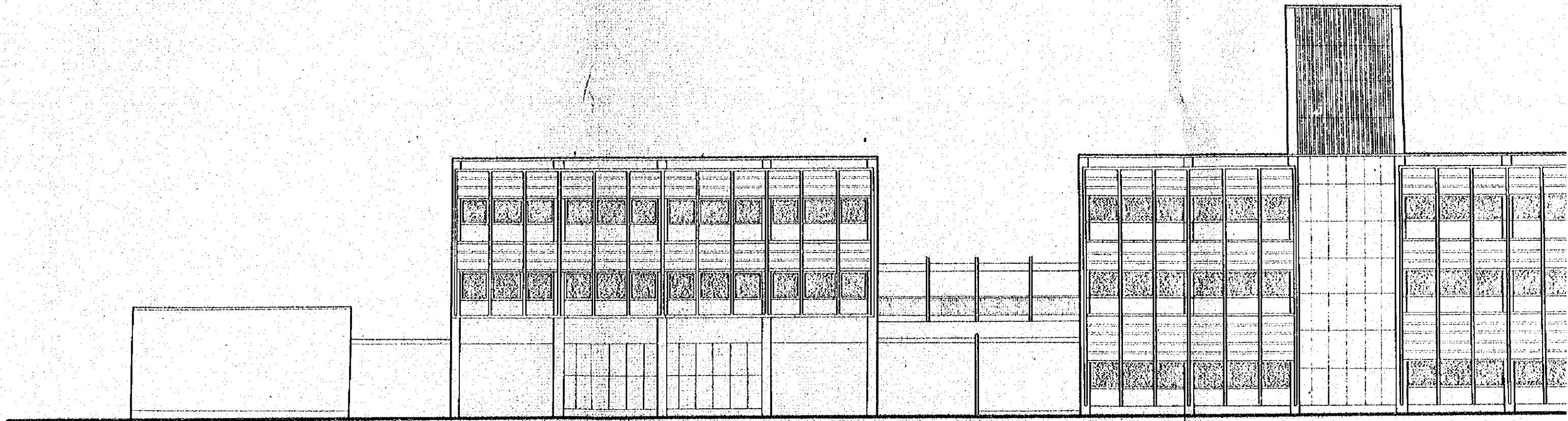
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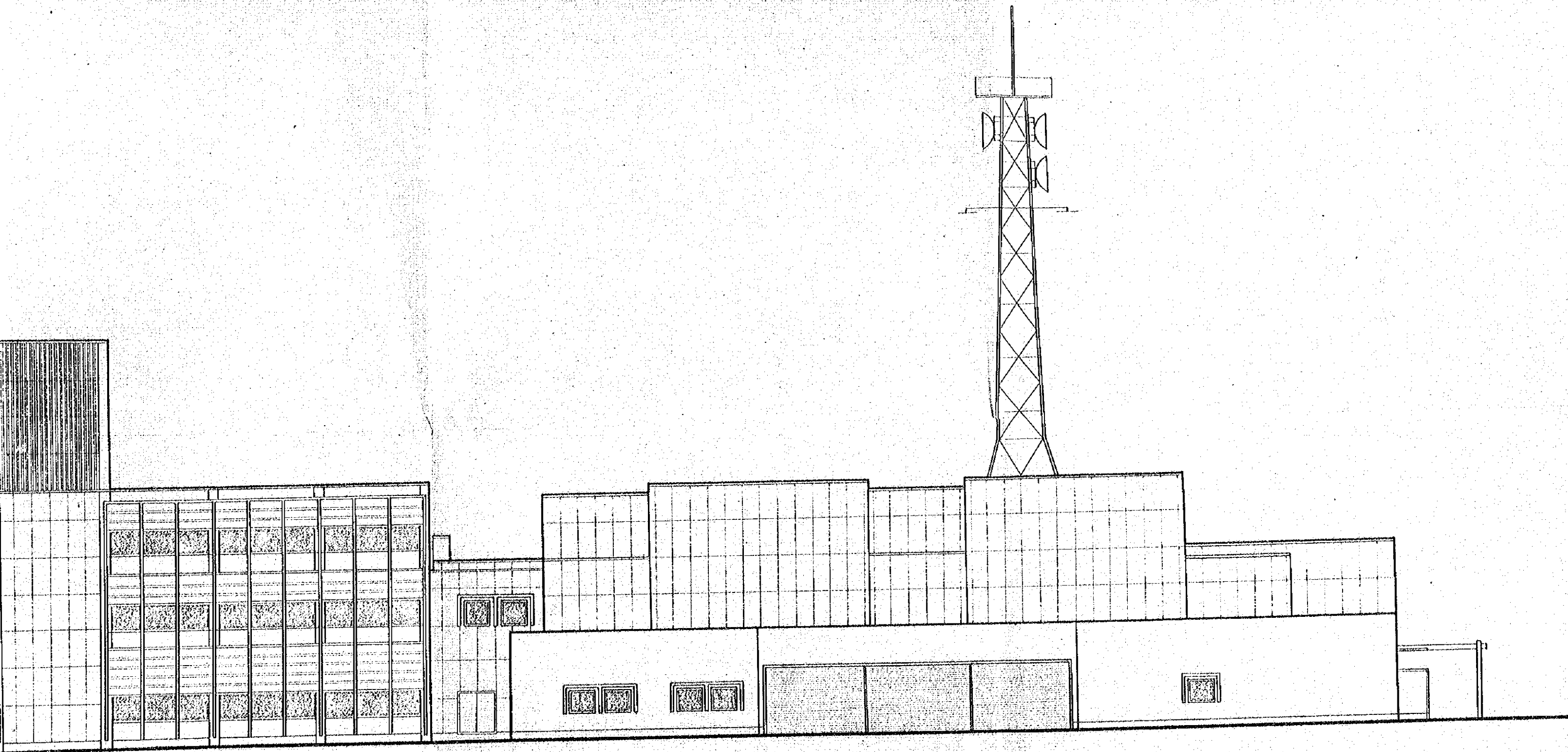
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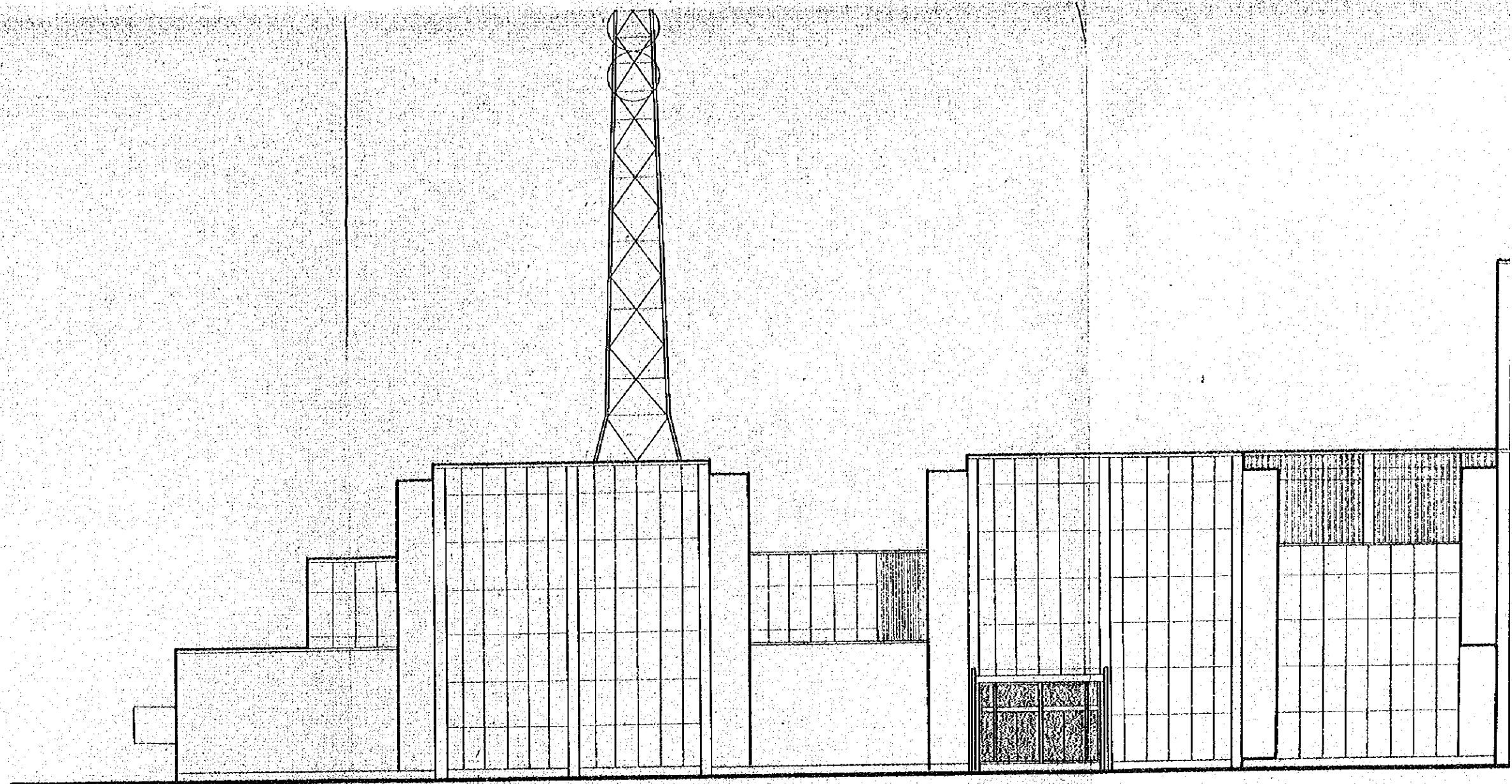
RADIO & TELEVISION NETWORK EXPANSION PROJECT	
STUDIO CENTRE	DRAWING NO.
ELEVATION	6
	SCALE
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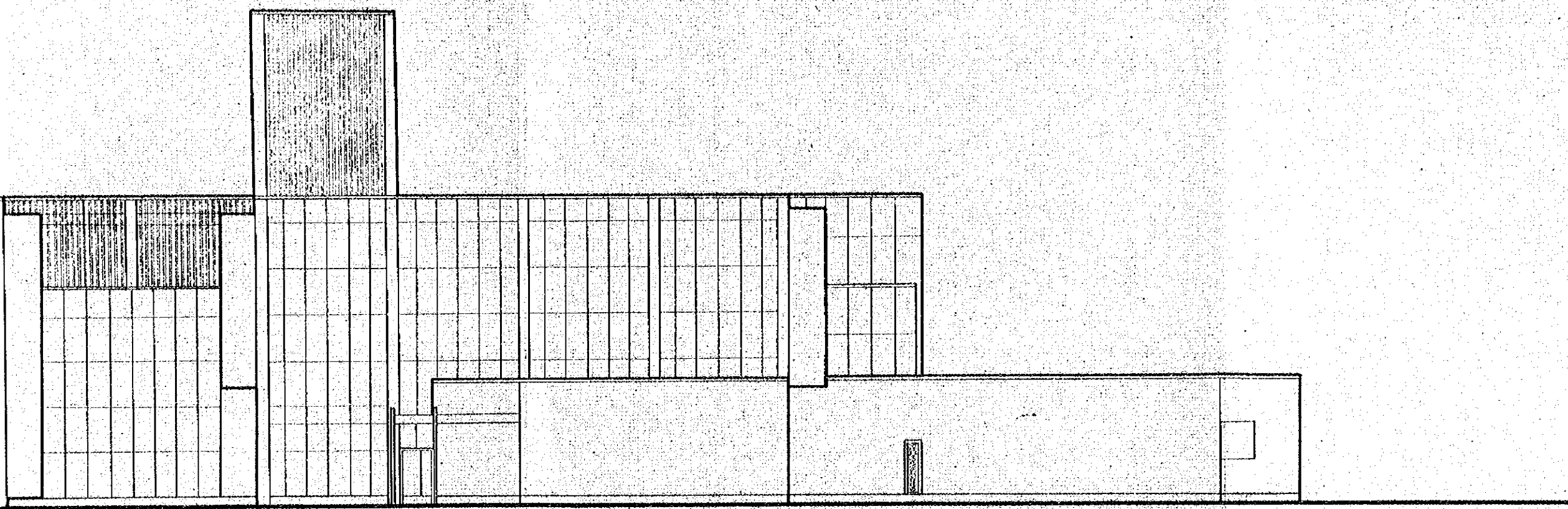
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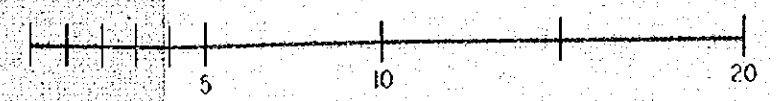
ELEVATION north



ELEVATION east

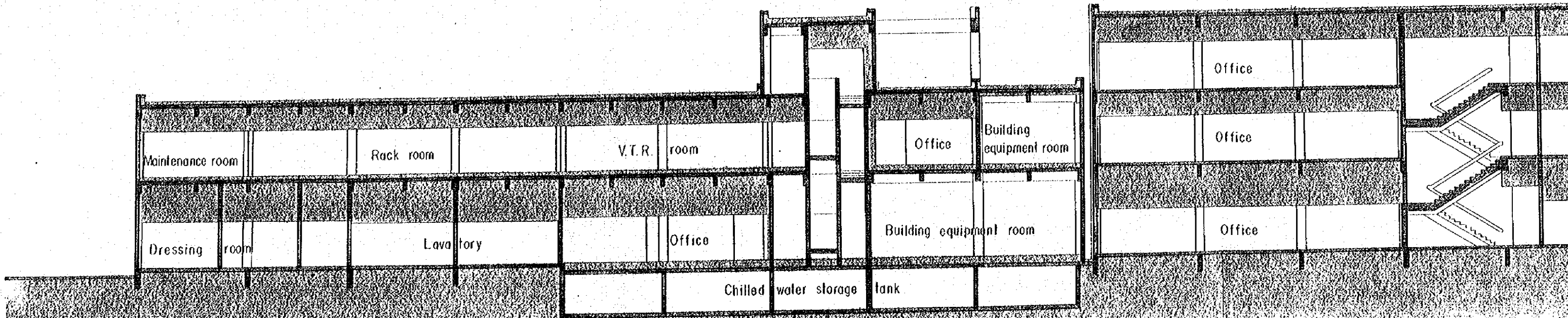


ELEVATION east

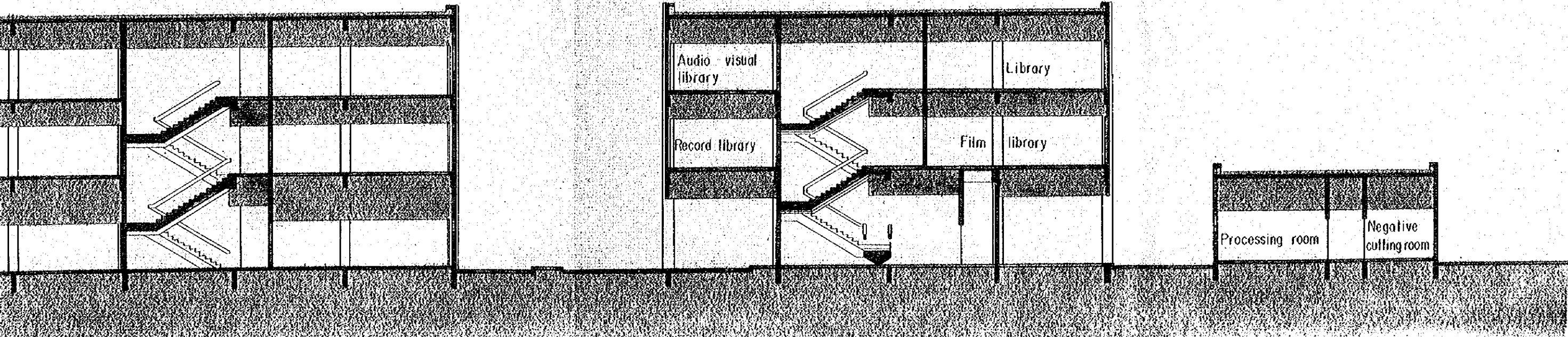


RADIO & TELEVISION NETWORK EXPANSION PROJECT	
STUDIO CENTRE	DRAWING NO.
ELEVATION	7
	SCALE 1 : 200

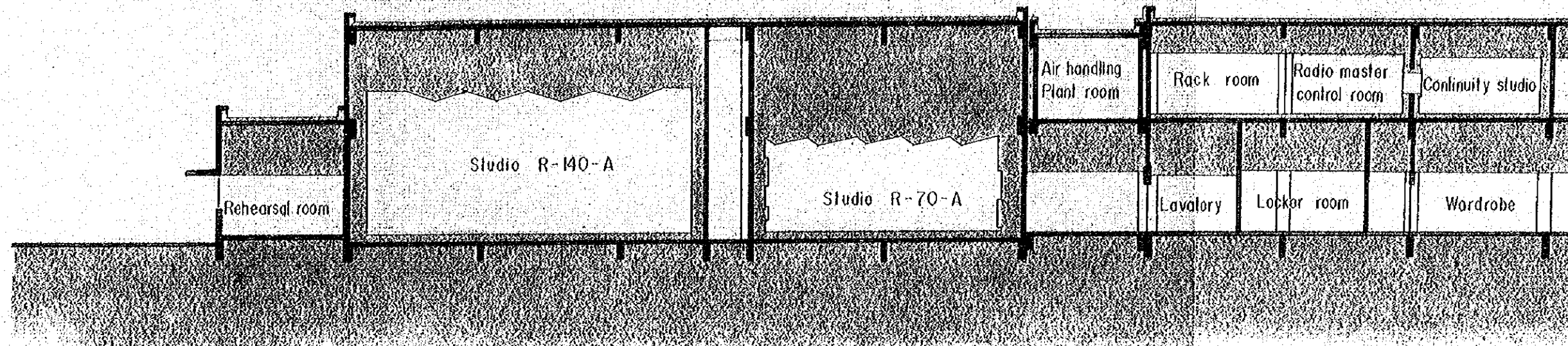
2. 1974



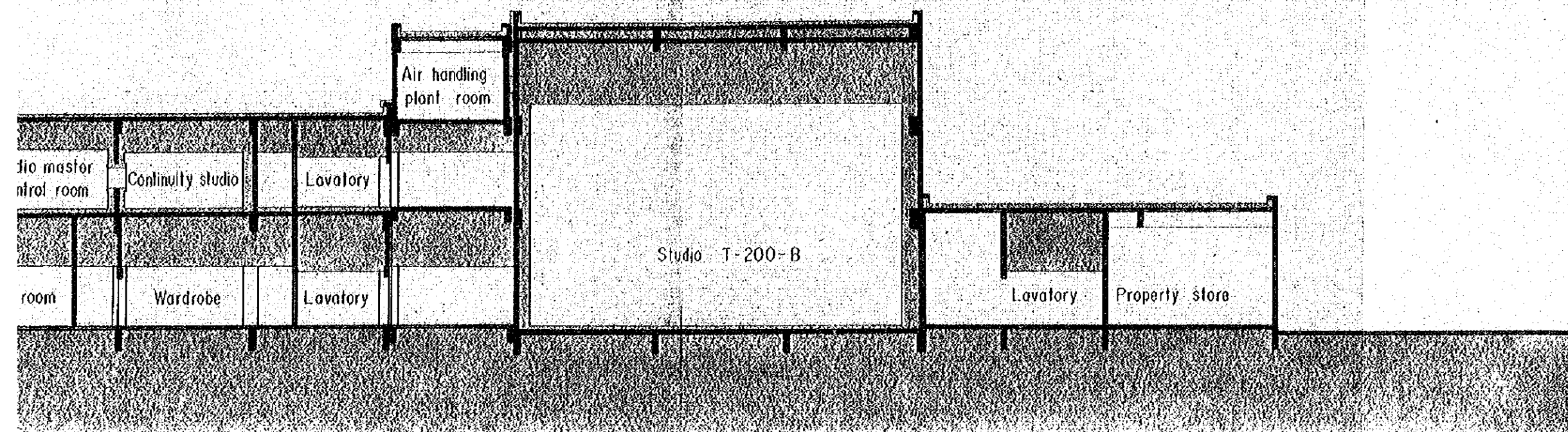
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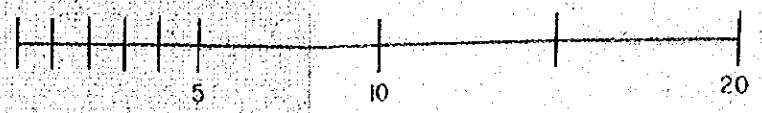
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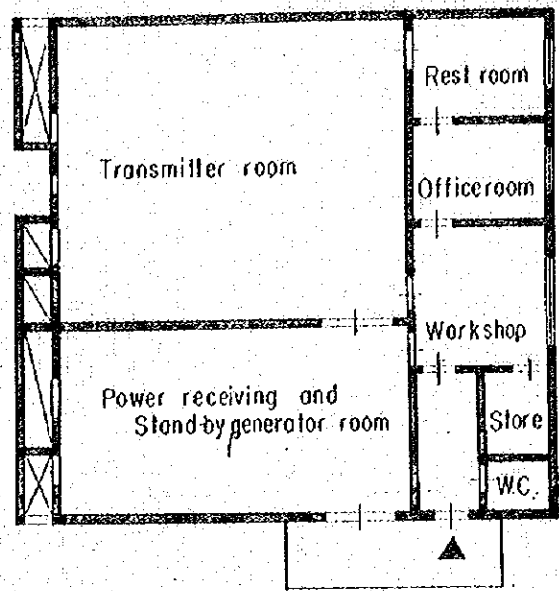
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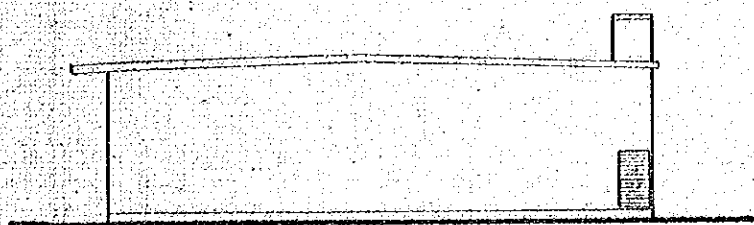
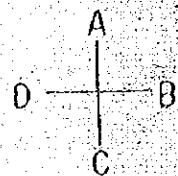
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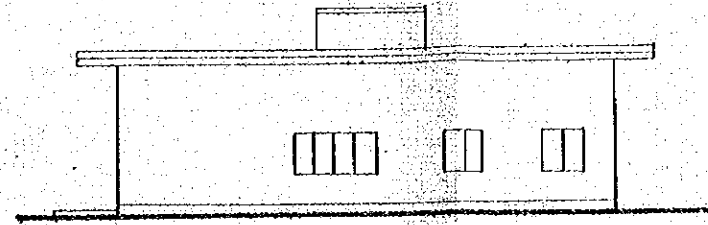
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STUDIO CENTRE	DRAWING NO.
SECTION	8
	SCALE
	1:200
	2.1974



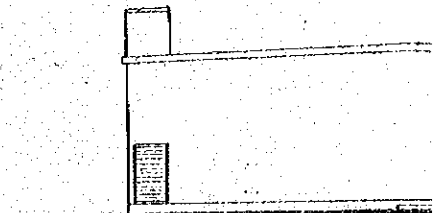
PLAN



A

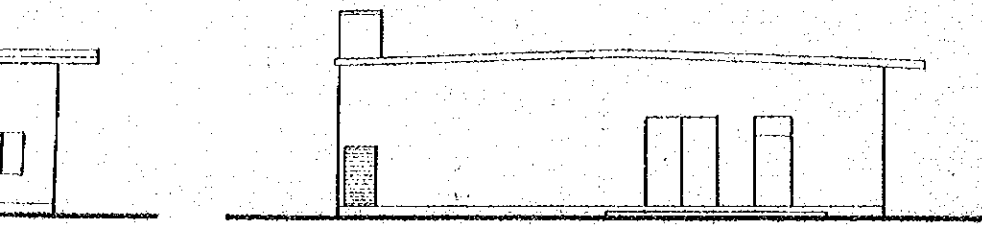


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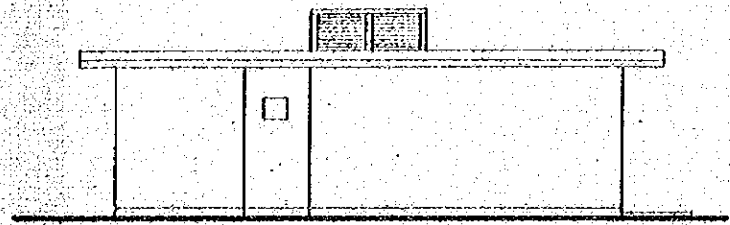


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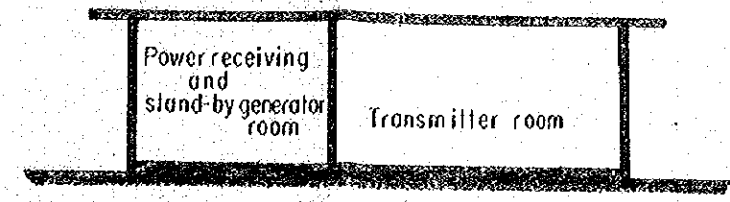
ELEVATION



C

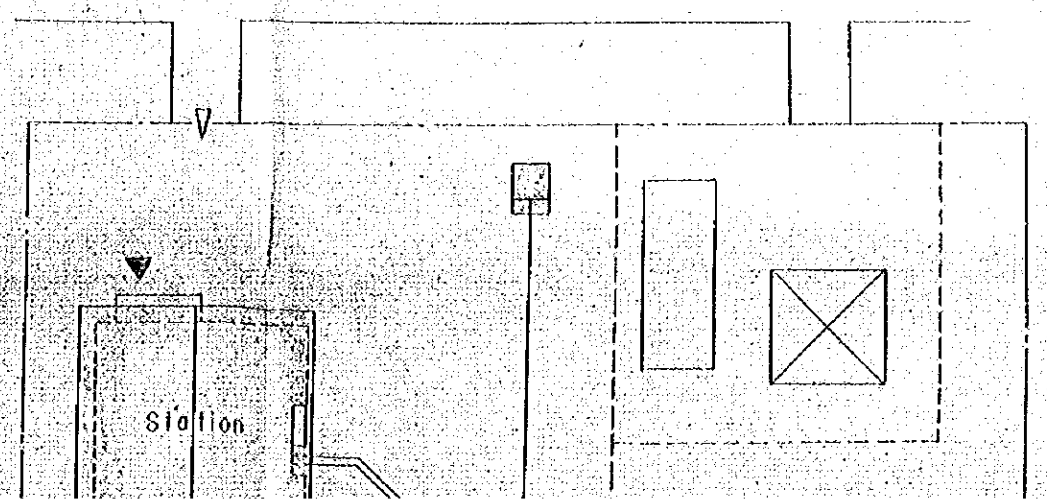
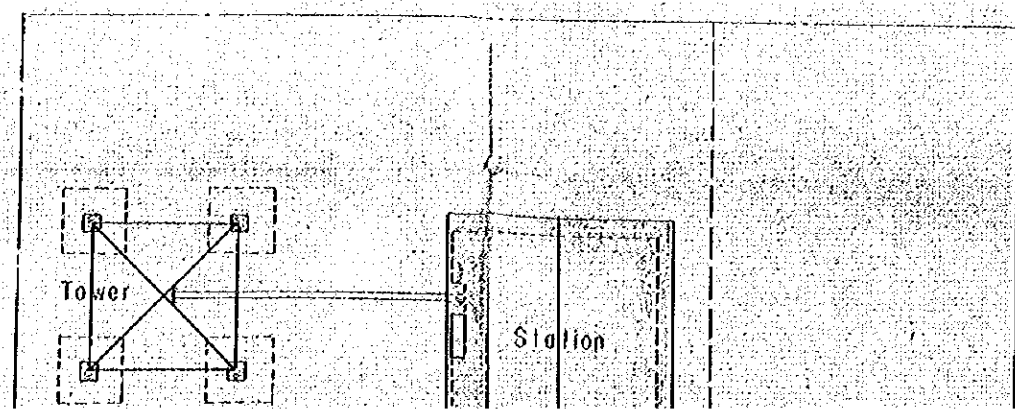
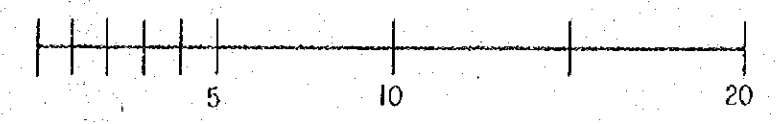


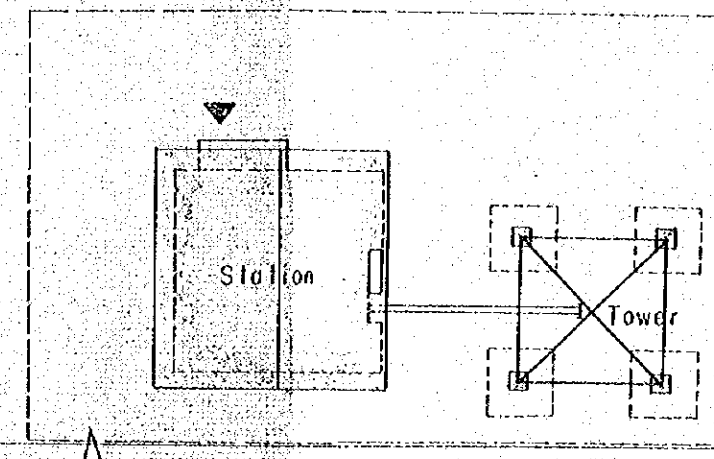
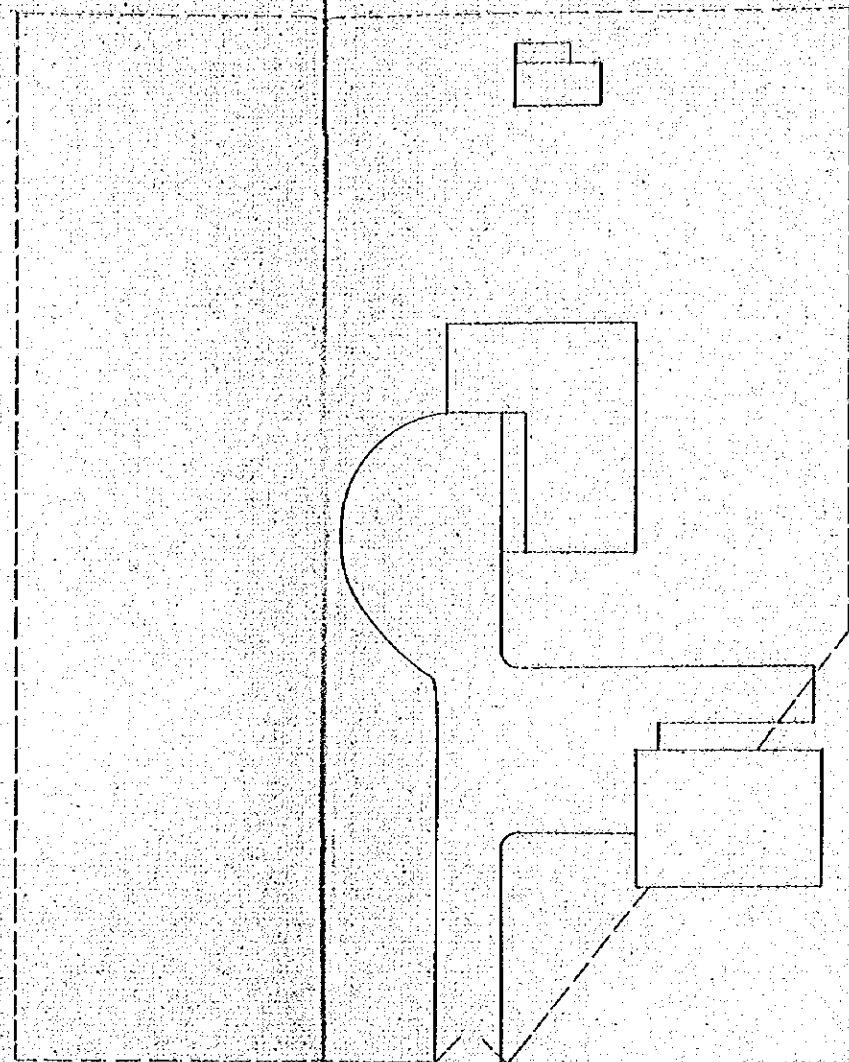
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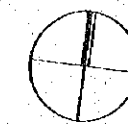
ELEVATION

SECTION

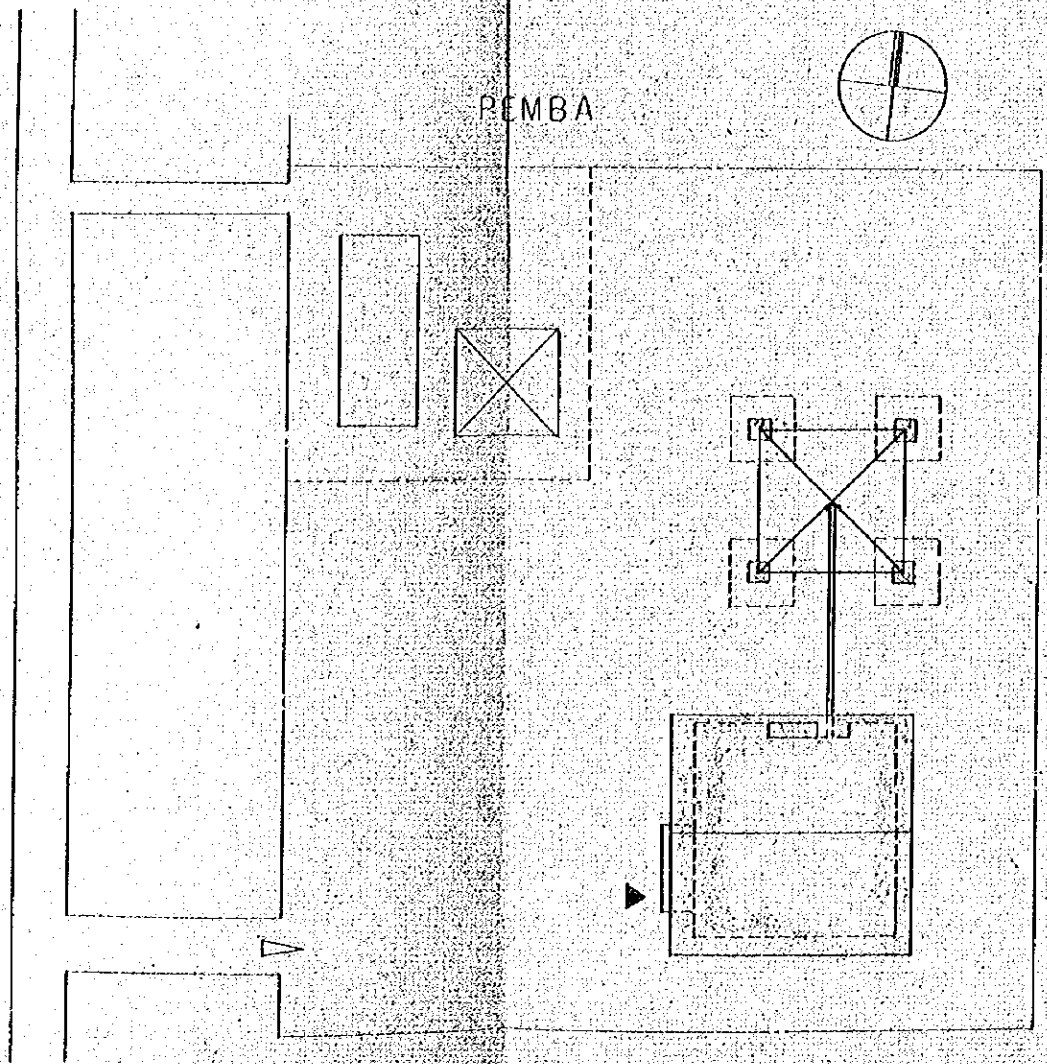
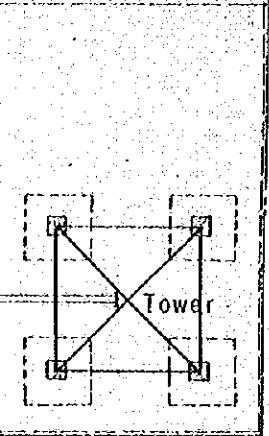
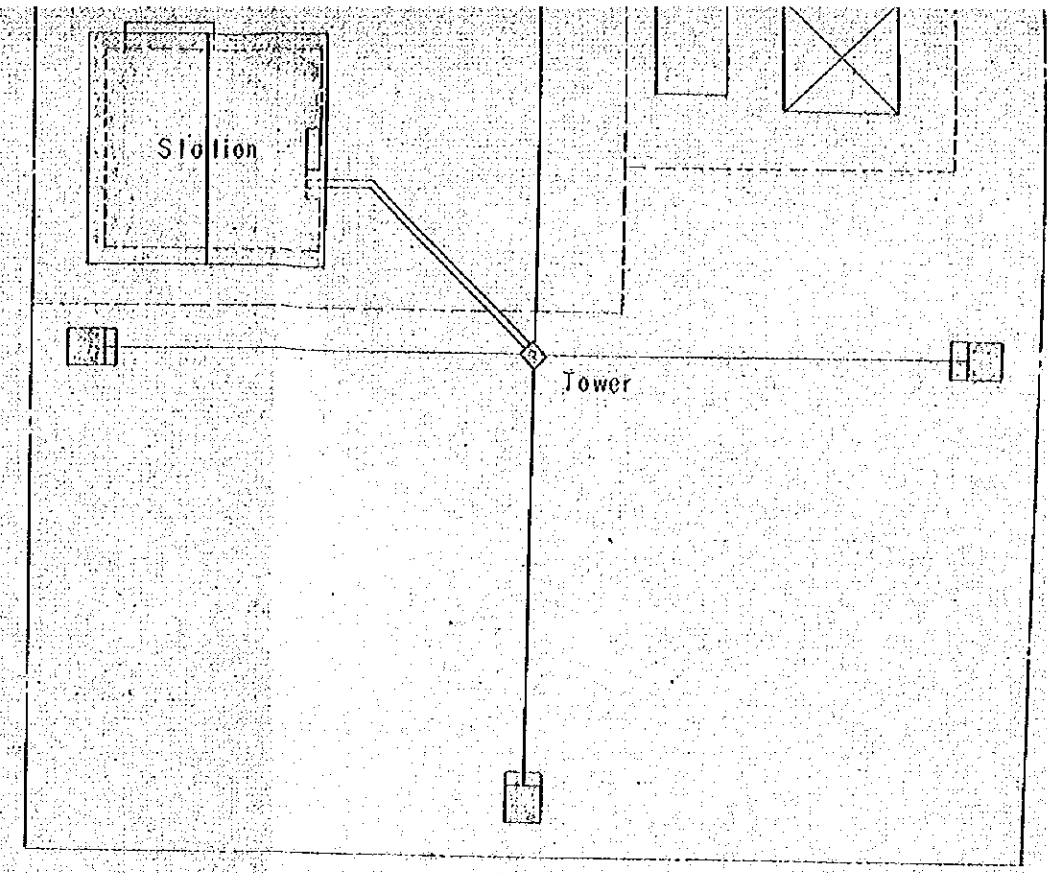
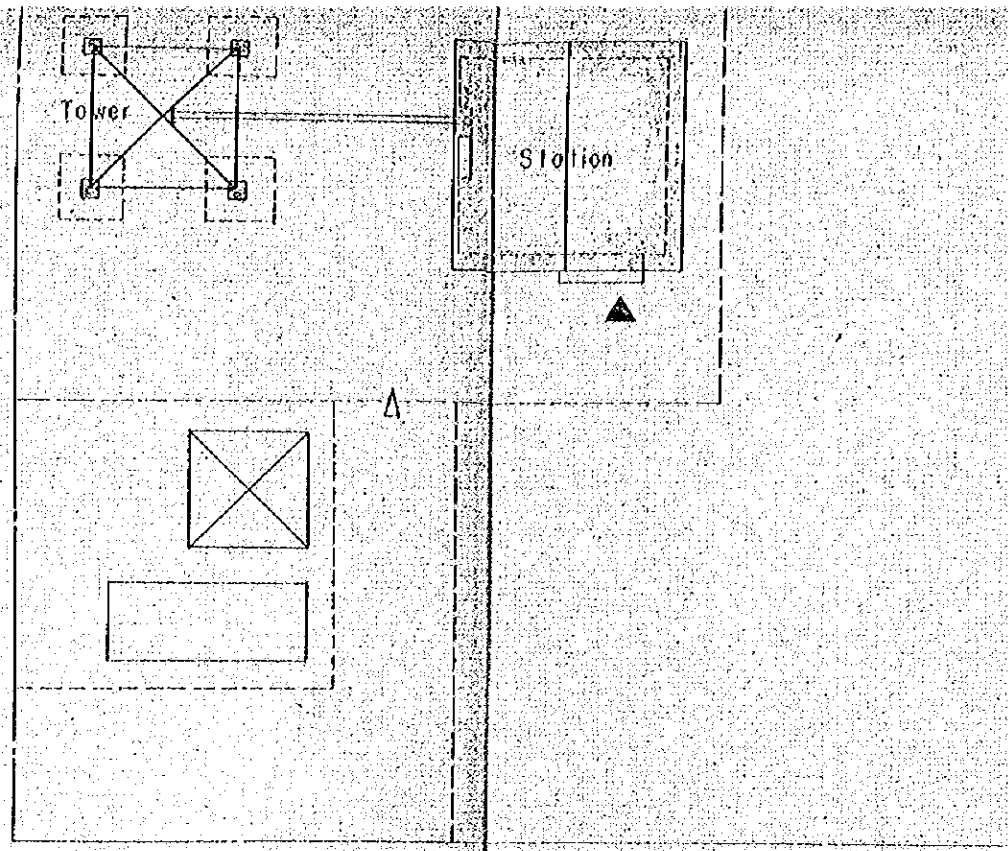




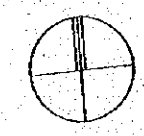
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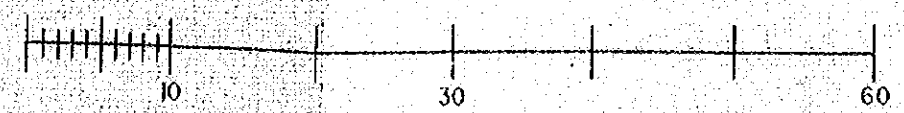
SITE PL.



SENKOBO



SITE PLAN



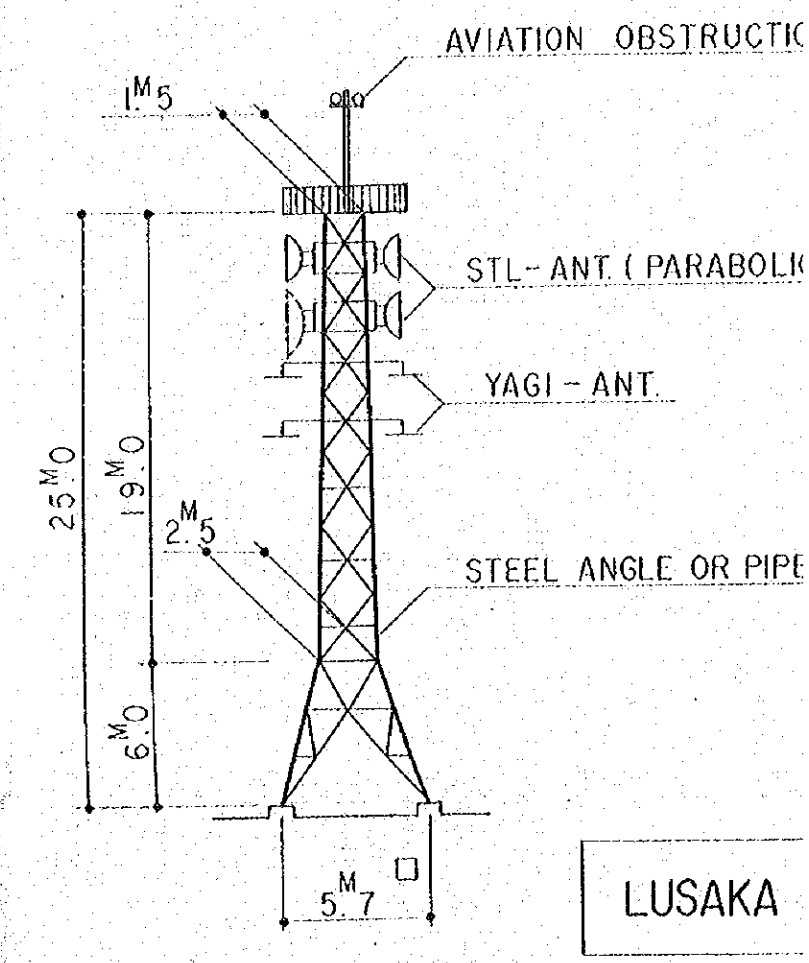
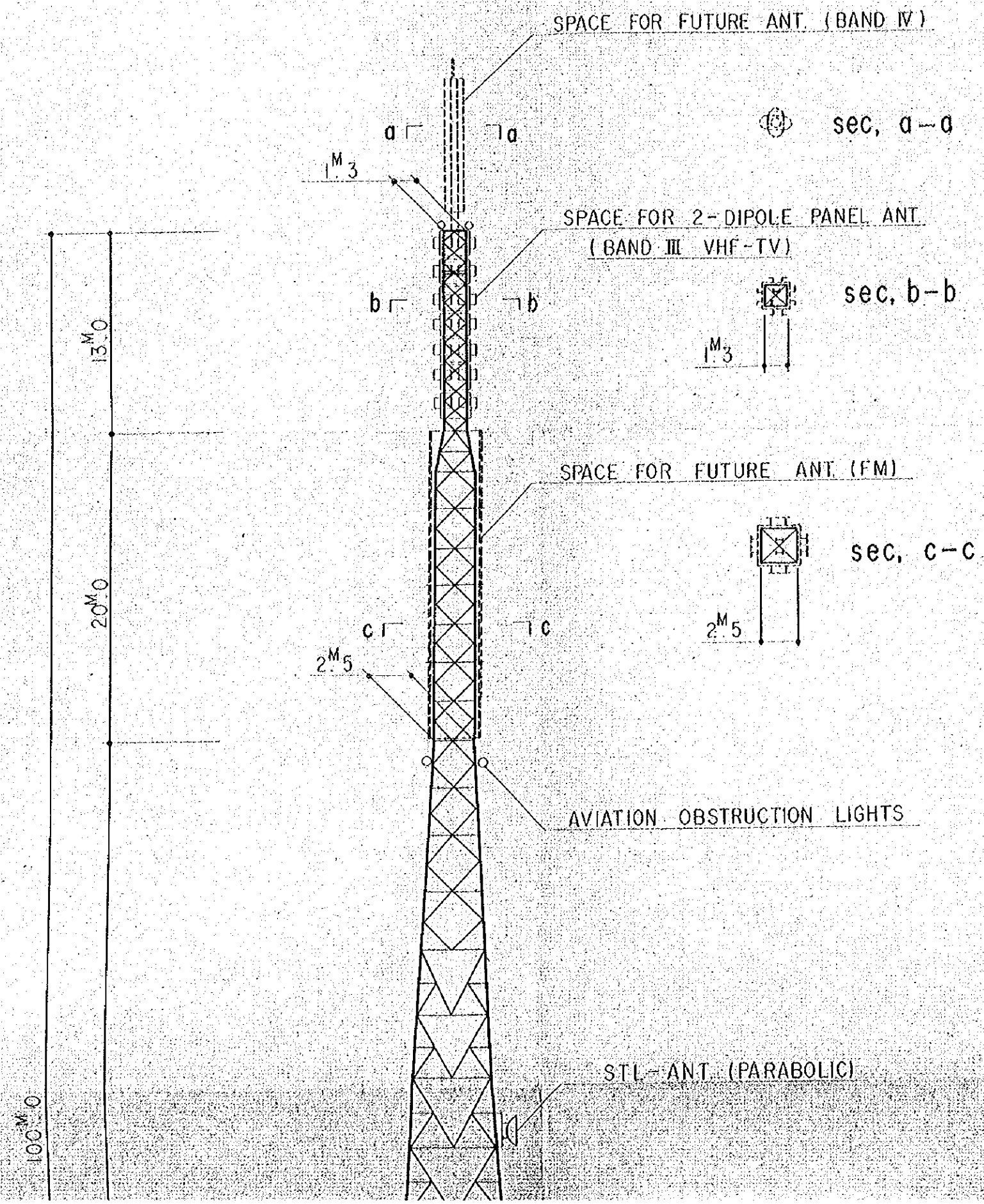
RADIO & TELEVISION NETWORK EXPANSION PROJECT
 T.V. TRANSMITTING STATION

DRAWING NO.

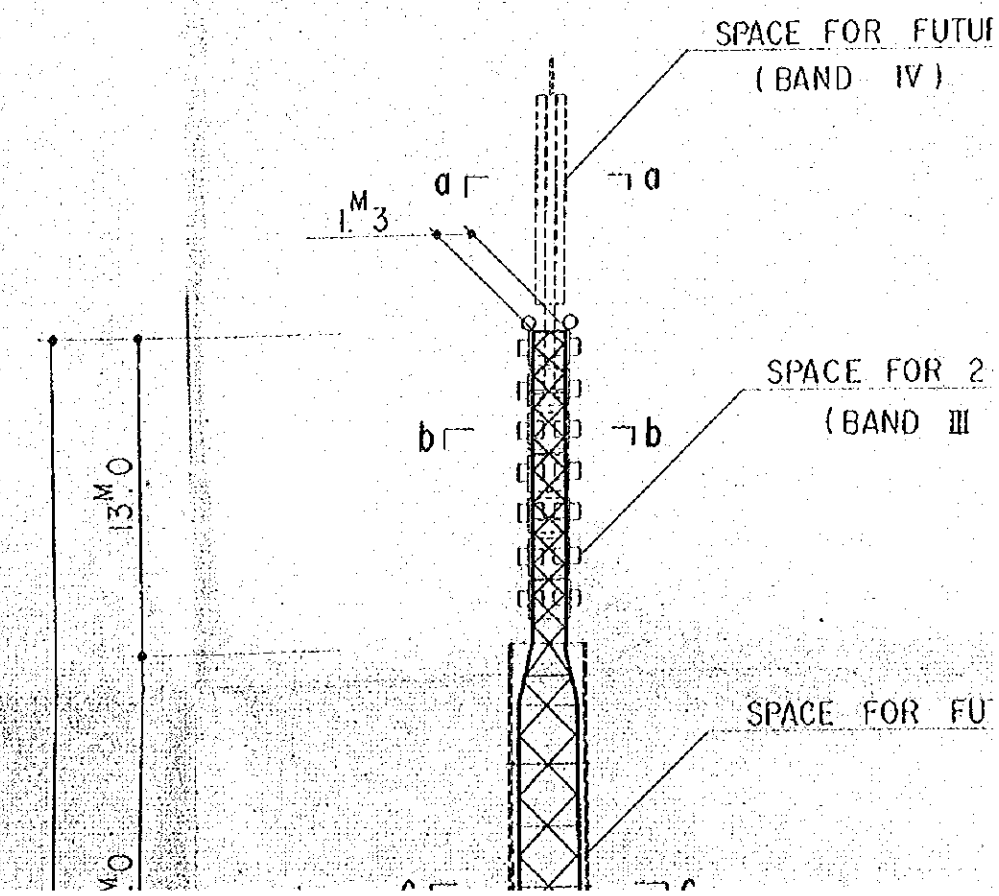
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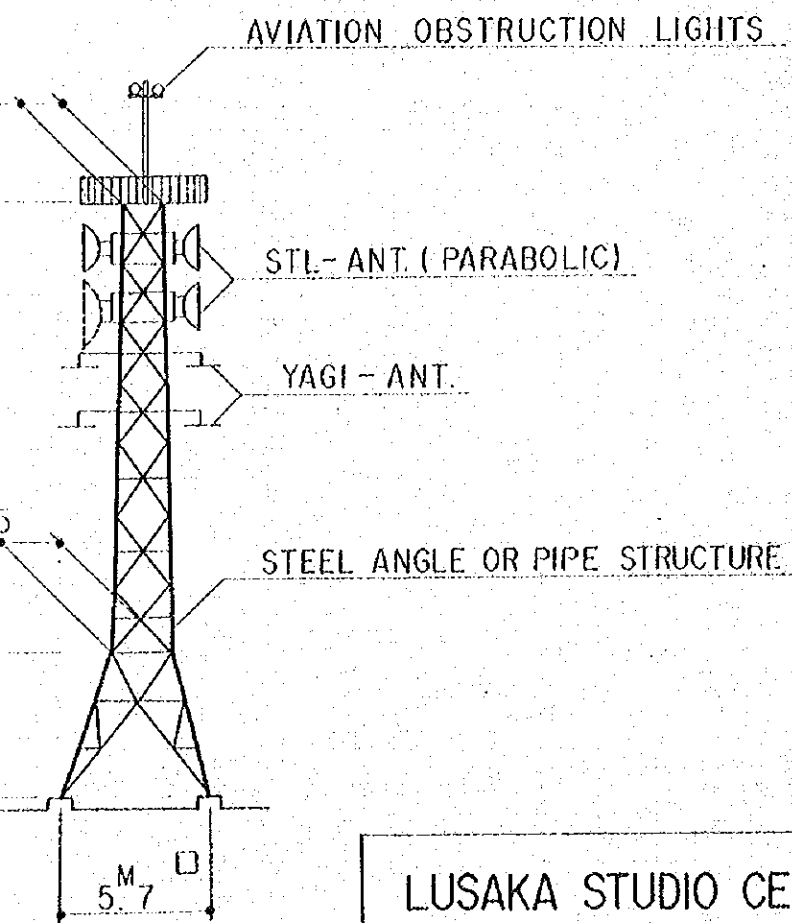
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2-1974

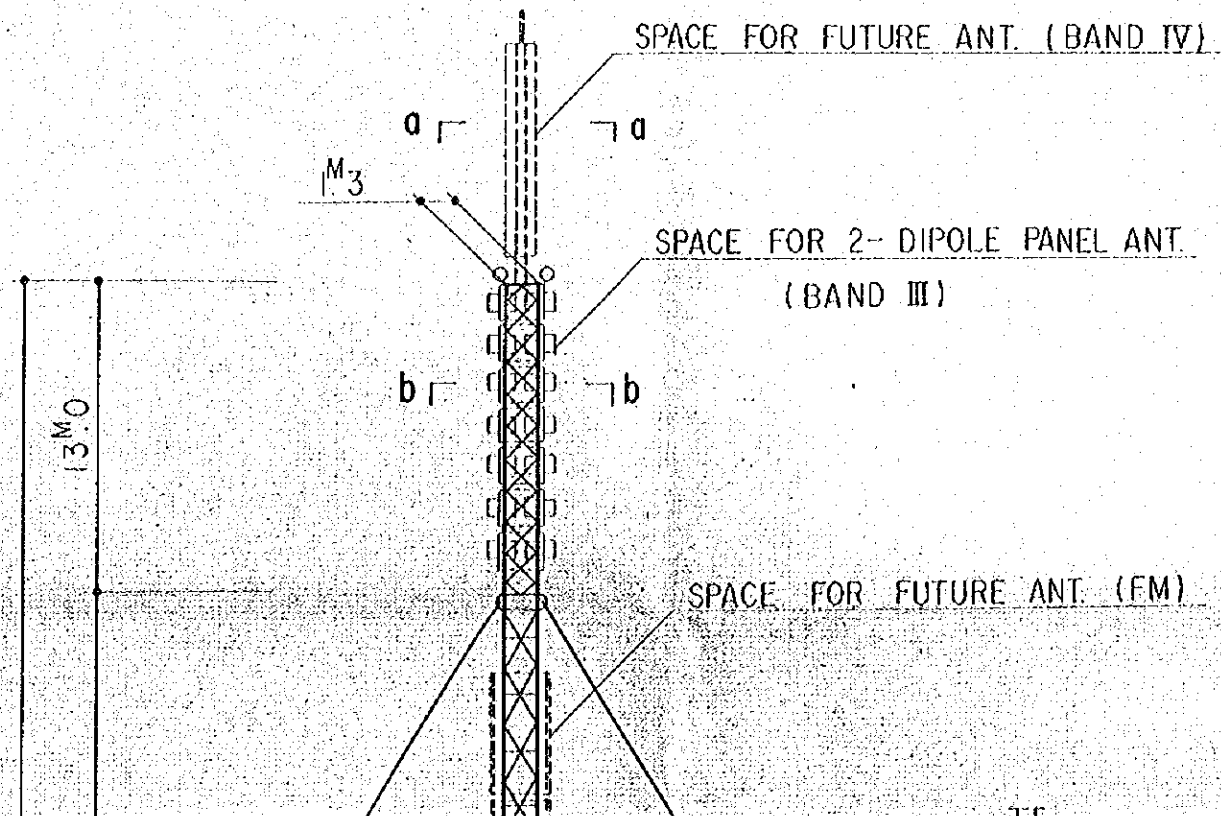
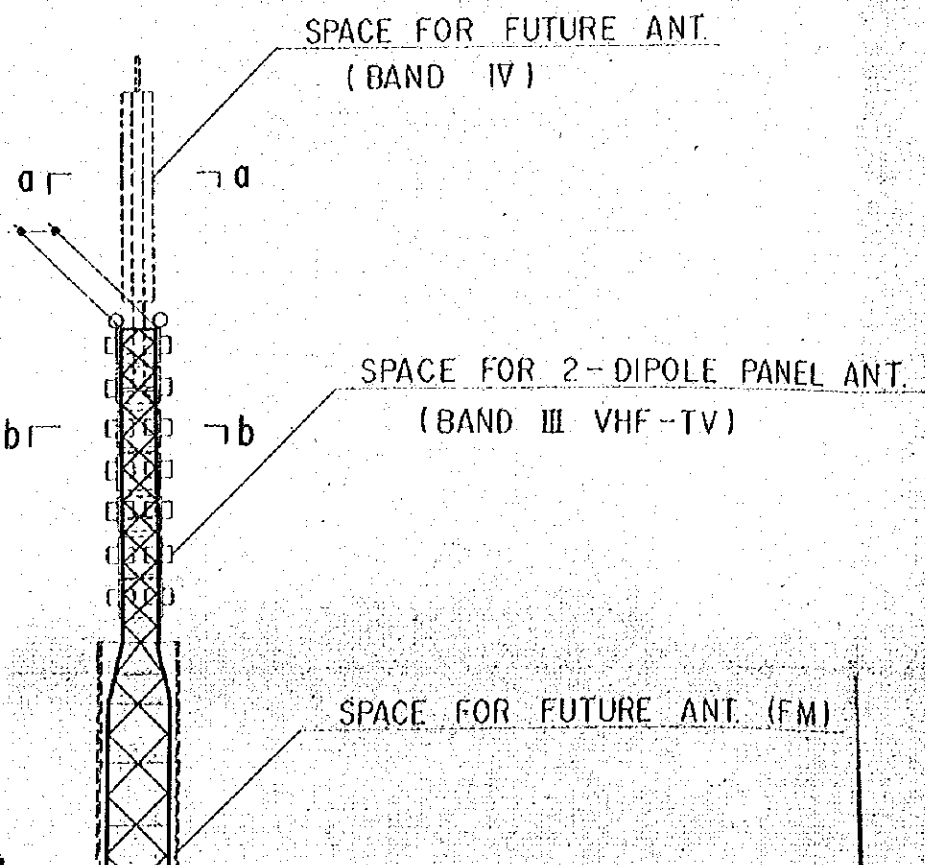
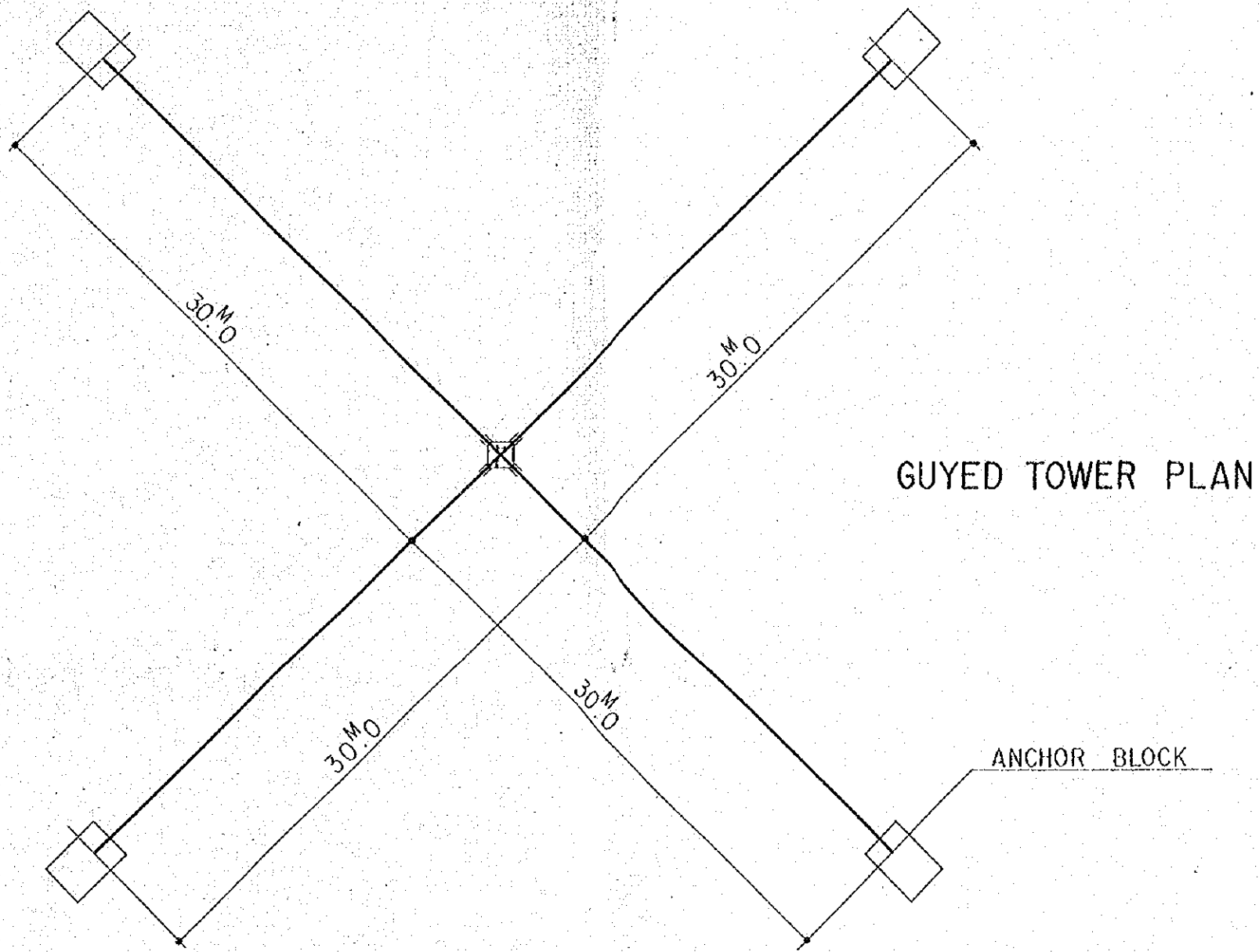


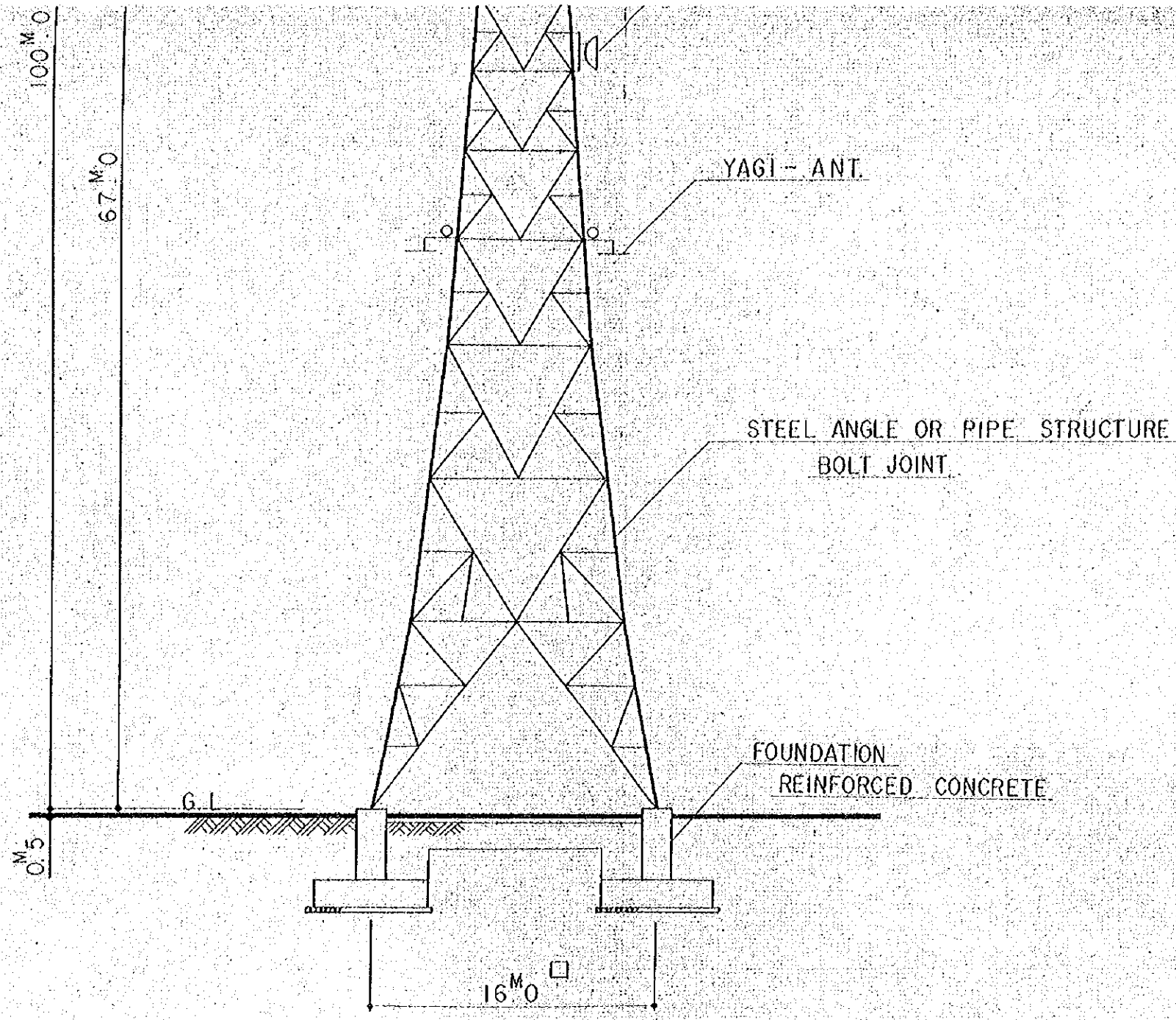
LUSAKA



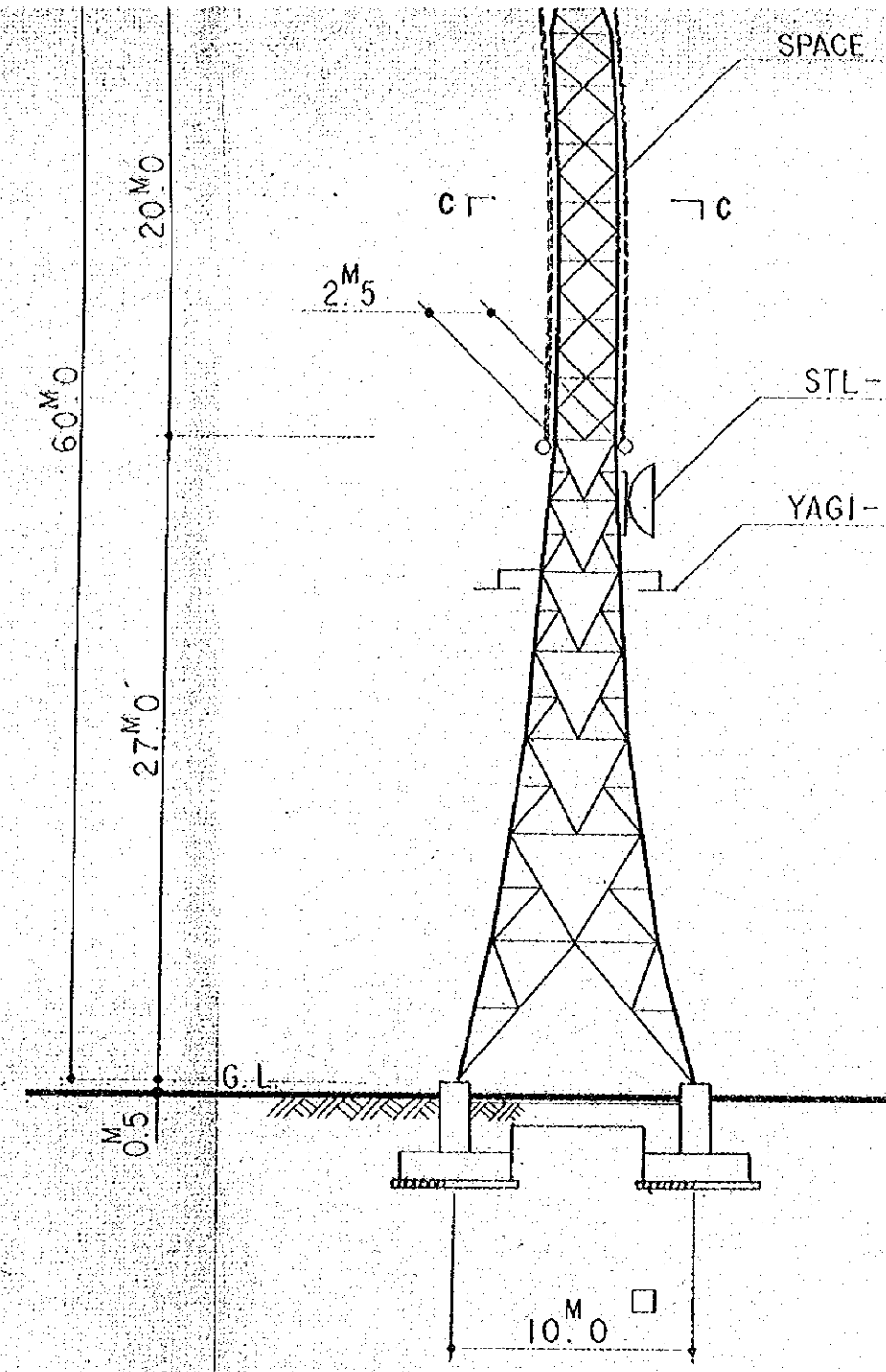


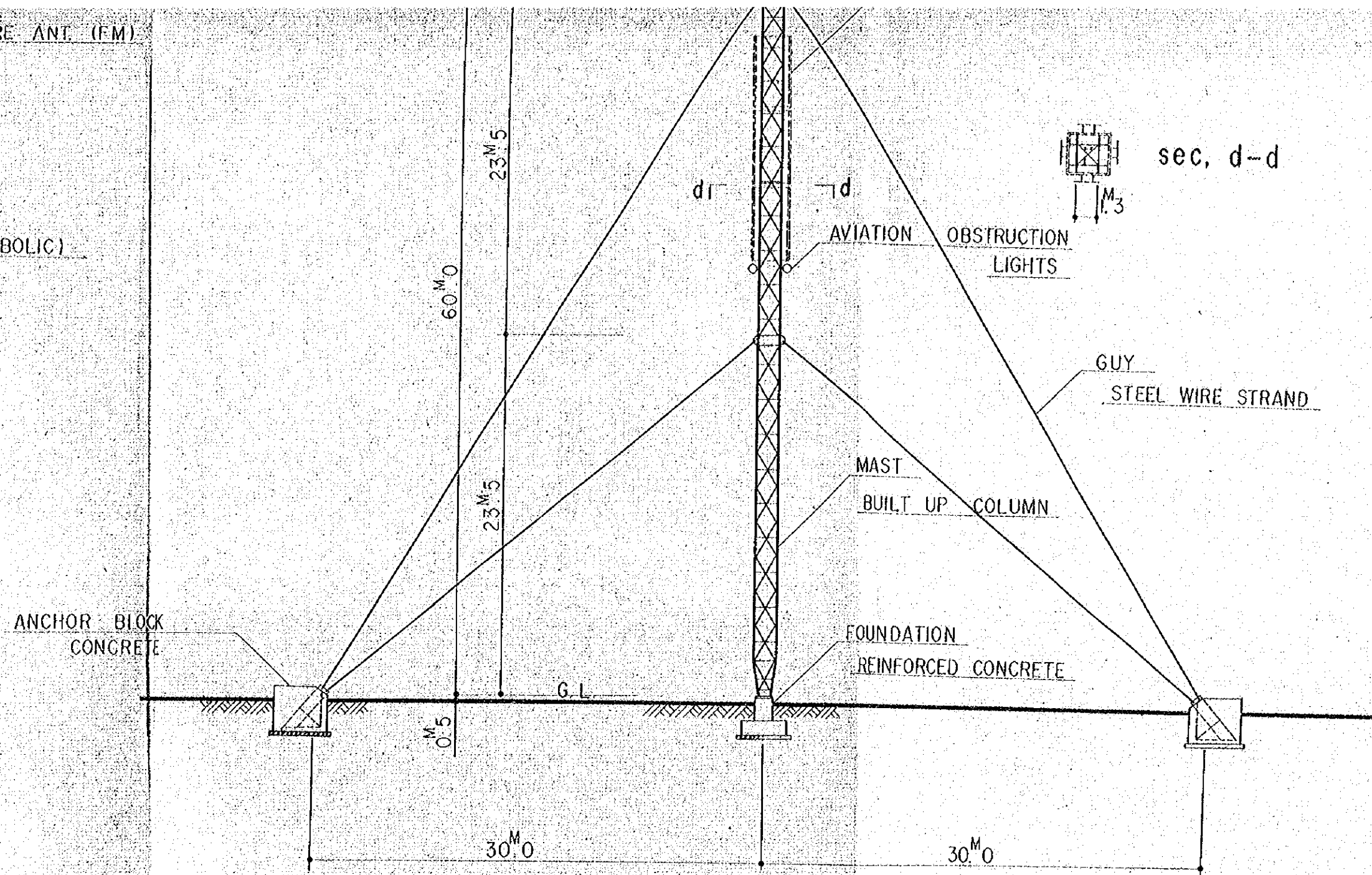
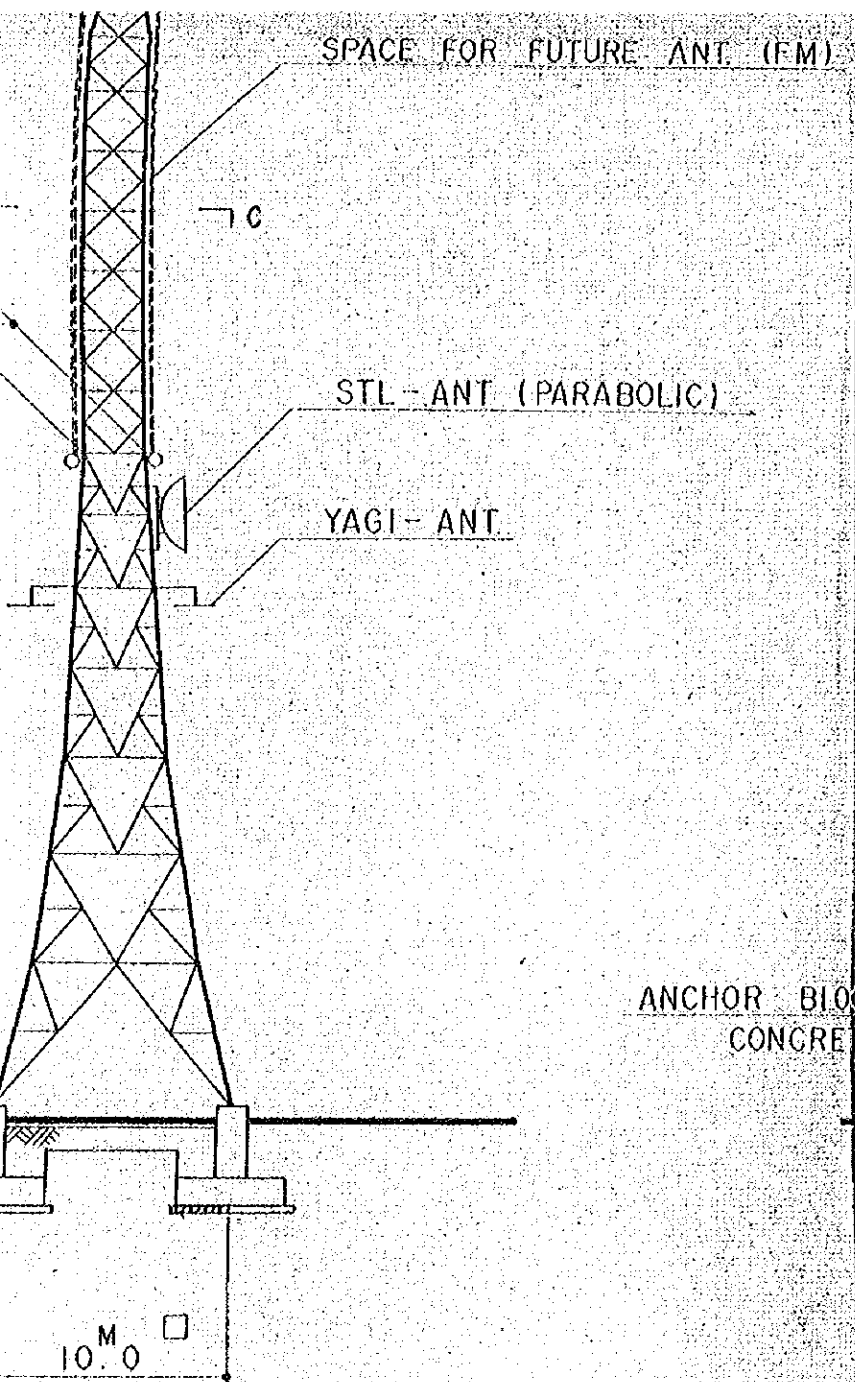
LUSAKA STUDIO CENTRE





SELF SUPPORTING TOWER





GUYED TOWER

RADIO & TELEVISION NETWORK EXPANSION PROJECT	
TV. TOWER & STUDIO CENTRE TOWER	DRAWING NO.
	10
	SCALE
	1 : 300

PART 3

ROUGH CONSTRUCTION SCHEDULE

The rough construction schedule of the Studio Centre and Television Transmitting Stations is shown in the following table.

A concrete schedule of construction, however, will be decided after an implementation design is completed.

As for the term for an implementation design, it seems to take 6 - 8 months.

ROUGH CONSTRUCTION SCHEDULE

STUDIO CENTRE		MONTH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30					
	Mobilization																																				
Radio Studio Block	Foundation Work																																				
	Structure Work																																				
	Roughing Utility Work																																				
	Finishing Work (Studio)																																				
	Finishing Work (General)																																				
Center Block	Foundation Work																																				
	Structure Work																																				
	Roughing Utility Work																																				
	Finishing Work (Studio)																																				
	Finishing Work (General)																																				
Television Studio Block	Foundation Work																																				
	Structure Work																																				
	Roughing Utility Work																																				
	Finishing Work (Studio)																																				
	Finishing Work (General)																																				
Office Block	Foundation Work																																				
	Structure Work																																				
	Roughing Utility Work																																				
	Finishing Work																																				
Library & Laboratory	Foundation Work																																				
	Structure Work																																				
	Roughing Utility Work																																				
	Finishing Work																																				
Outdoor Work																																					
TRANSMITTING STATIONS																																					
	Senkobo																																				
	Tara																																				
	Pemba																																				
	Lusaka																																				
	Kabwe																																				
	Nakaputa Hill																																				
	Kasompe																																				

PART 4

SPECIFICATIONS FOR IMPLEMENTATION DESIGN

OF

BUILDINGS AND TOWERS

1. Scope of Application

These specifications provide for basic items for implementation design related to the following buildings, building equipments and towers connected with the Radio and Television Network Expansion Project. In addition to these specifications, the buildings and so forth shall conform to related laws and regulations, rules and ordinances and standards.

- (1) Studio Centre
- (2) Television Transmitting Stations
- (3) Steel Towers

2. The Scope of Work

- (1) Preparation of implementation design
- (2) Preparation of construction work specifications
- (3) Preparation of budget for construction project

3. Substance of Implementation Design

Detailed design will be undertaken on the basis of separately prepared basic design outline specifications and drawings, and design prints necessary for project implementation, and also necessary and adequate for the contractor to prepare detailed statement of the construction costs will be made available.

4. Completed Design Prints

The following design prints will be submitted,

- | | | |
|-----|-------------------------------------|--------|
| (1) | Implementation design drawings | copies |
| (2) | Construction work specifications | " |
| (3) | Structural calculation notes | " |
| (4) | Various equipment calculation notes | " |
| (5) | Acoustic calculation notes | " |
| (6) | Budget for construction costs | " |

5. Date for Submitting Completed Prints

6. Supplementary Items

- (1) In executing the implementation design, on-site surveys will be undertaken, study of related laws and regulations, rules and ordinances and standards will be made and every effort will be made to obtain data needed for designing.
- (2) To make sure of the perfection of the design, the organization, mechanism and substance of the affairs coming under the Ministry of Information, Broadcasting and Tourism of the Republic of Zambia will be studied and consultations will be made with competent authorities on points that escape adequate understanding.
- (3) The substance of design will be such as to exploit the functions of each facilities to the fullest extent. Regarding combinations of buildings and the various types of equipment, constant contact will be maintained on the designing stage in order to make mutual studies towards adequately achieving the objectives.
- (4) With regard to acoustic processing, such as vibration-proofing and sound insulation, careful studies will be made and design will be prepared in such a manner that no impediments will arise.
- (5) Plans for the arrangement of various equipment and devices will be given careful study so as to arrive at an arrangement that will facilitate maintenance and checking.
- (6) In case it should be adjudged that under some special situation it would be more advantageous not to follow the basic design prints, detailed comments explaining the reasons will be submitted in advance, and instructions of competent authorities will be solicited.

REPUBLIC OF ZAMBIA
REPORT ON RADIO AND TELEVISION NETWORK
EXPANSION PROJECT

VOLUME III
BASIC DESIGN FOR BUILDINGS AND TOWERS

2-4

FEBRUARY 1964
OVERSEAS TECHNICAL COOPERATION AGENCY
IN
JAPAN