

**STUDY ON LONG-TERM AND MEDIUM-TERM PLAN  
FOR  
TELECOMMUNICATIONS NETWORK  
IN  
SURABAYA AND SURROUNDING AREAS  
(GERBANGKERTOSUSILA AREA)  
IN  
THE REPUBLIC OF INDONESIA  
(GTA-117)**

**[VOLUME II]**

**JANUARY 1991**

**JAPAN INTERNATIONAL COOPERATION AGENCY**

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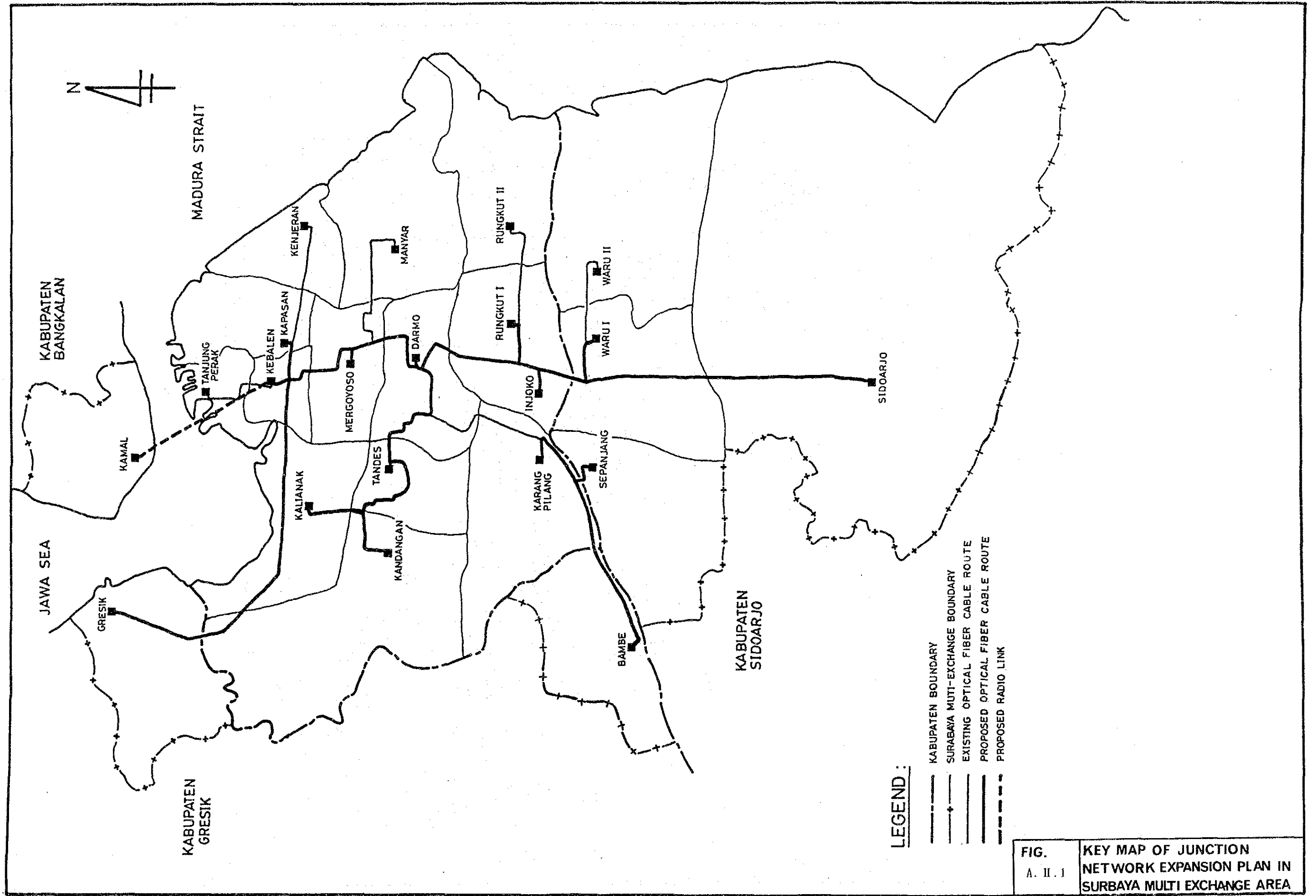
国際協力事業団

22643

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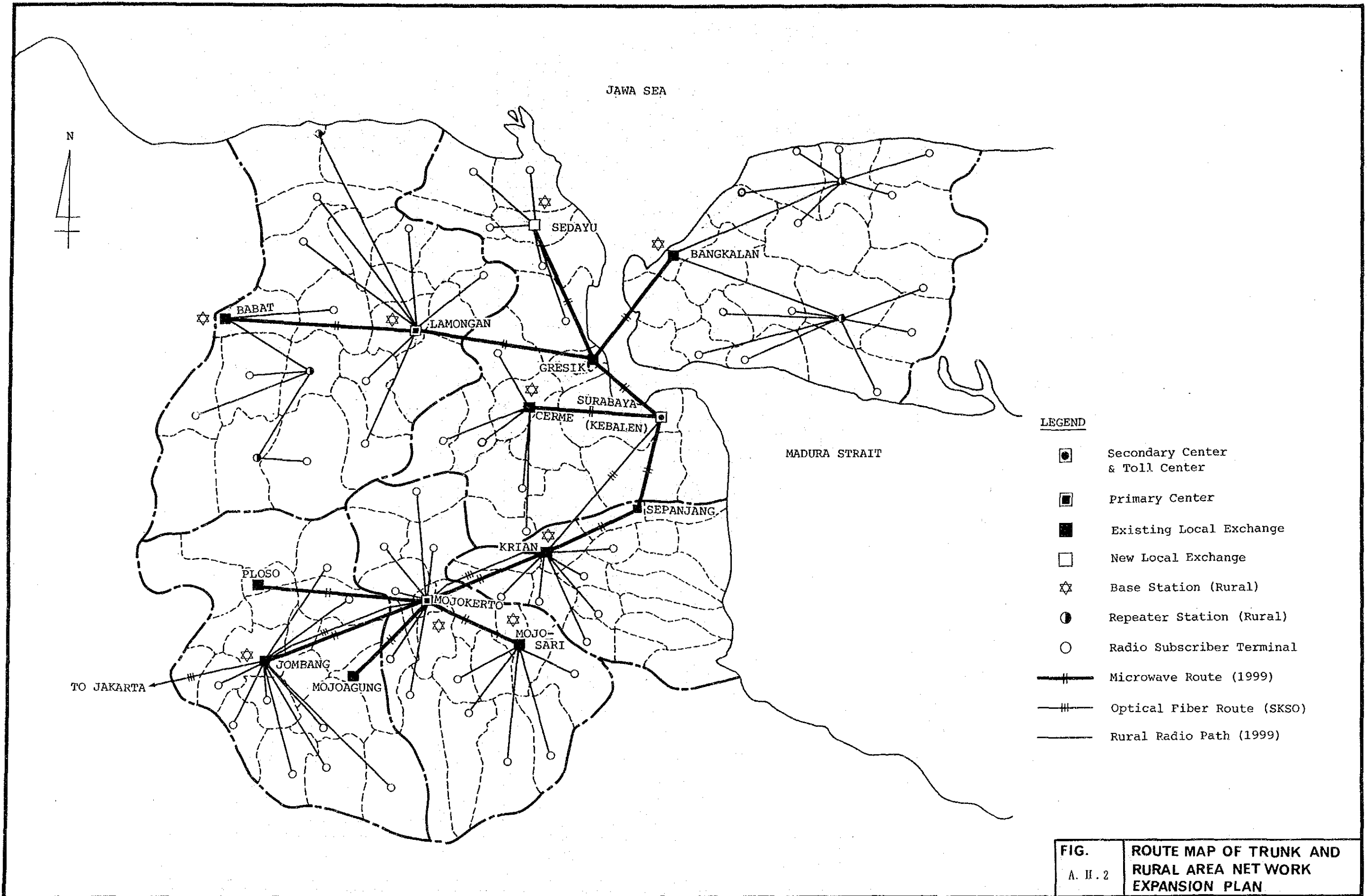
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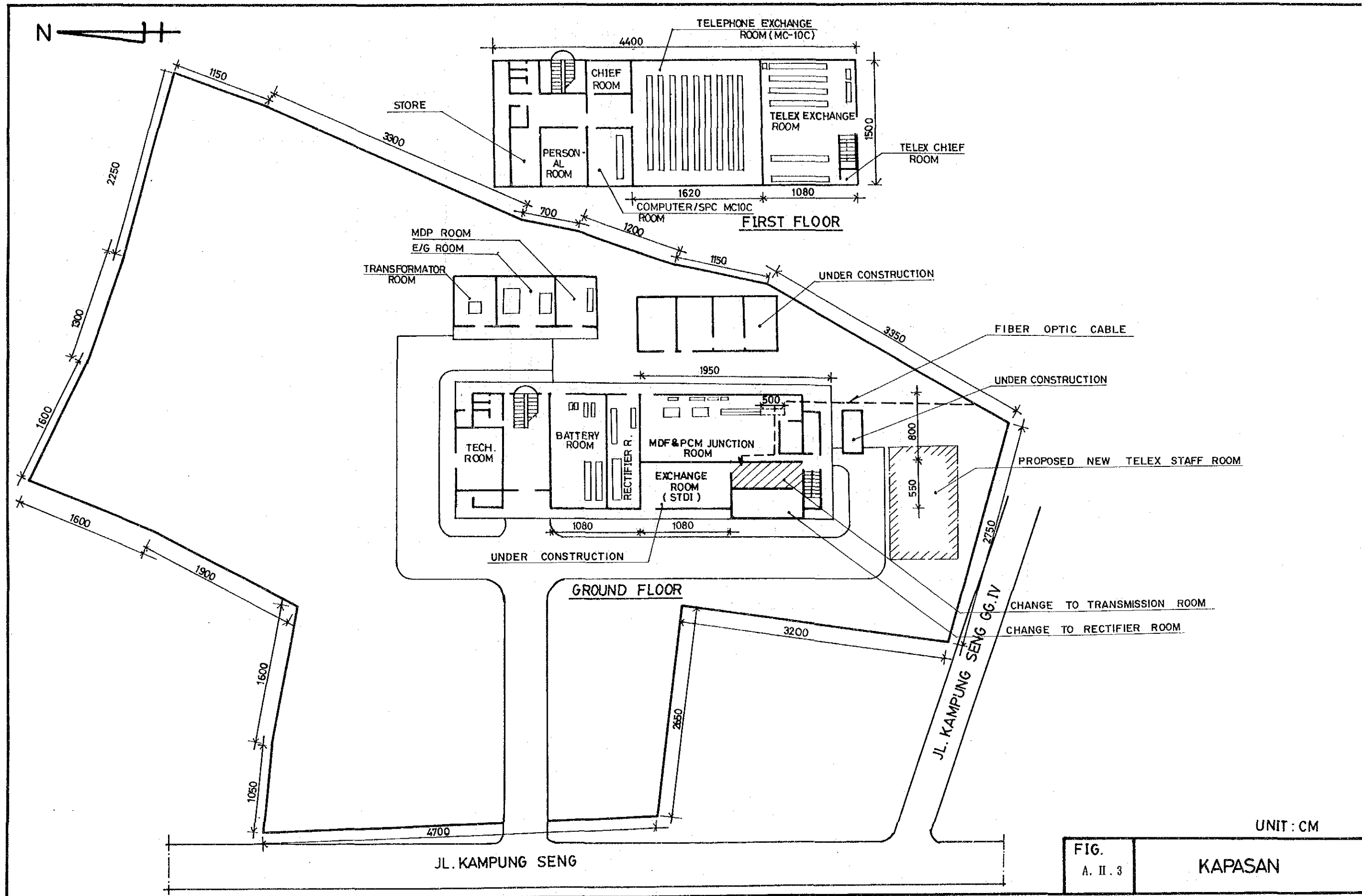
**LEGEND :**

- KABUPATEN BOUNDARY
- - - SURABAYA MULTI-EXCHANGE BOUNDARY
- · · · · EXISTING OPTICAL FIBER CABLE ROUTE
- PROPOSED OPTICAL FIBER CABLE ROUTE
- x - x - x PROPOSED RADIO LINK

FIG. A. II. 1 KEY MAP OF JUNCTION NETWORK EXPANSION PLAN IN SURBAYA MULTI EXCHANGE AREA



**FIG. A. II. 2** ROUTE MAP OF TRUNK AND RURAL AREA NETWORK EXPANSION PLAN



UNIT : CM

FIG.  
A. II. 3

KAPASAN

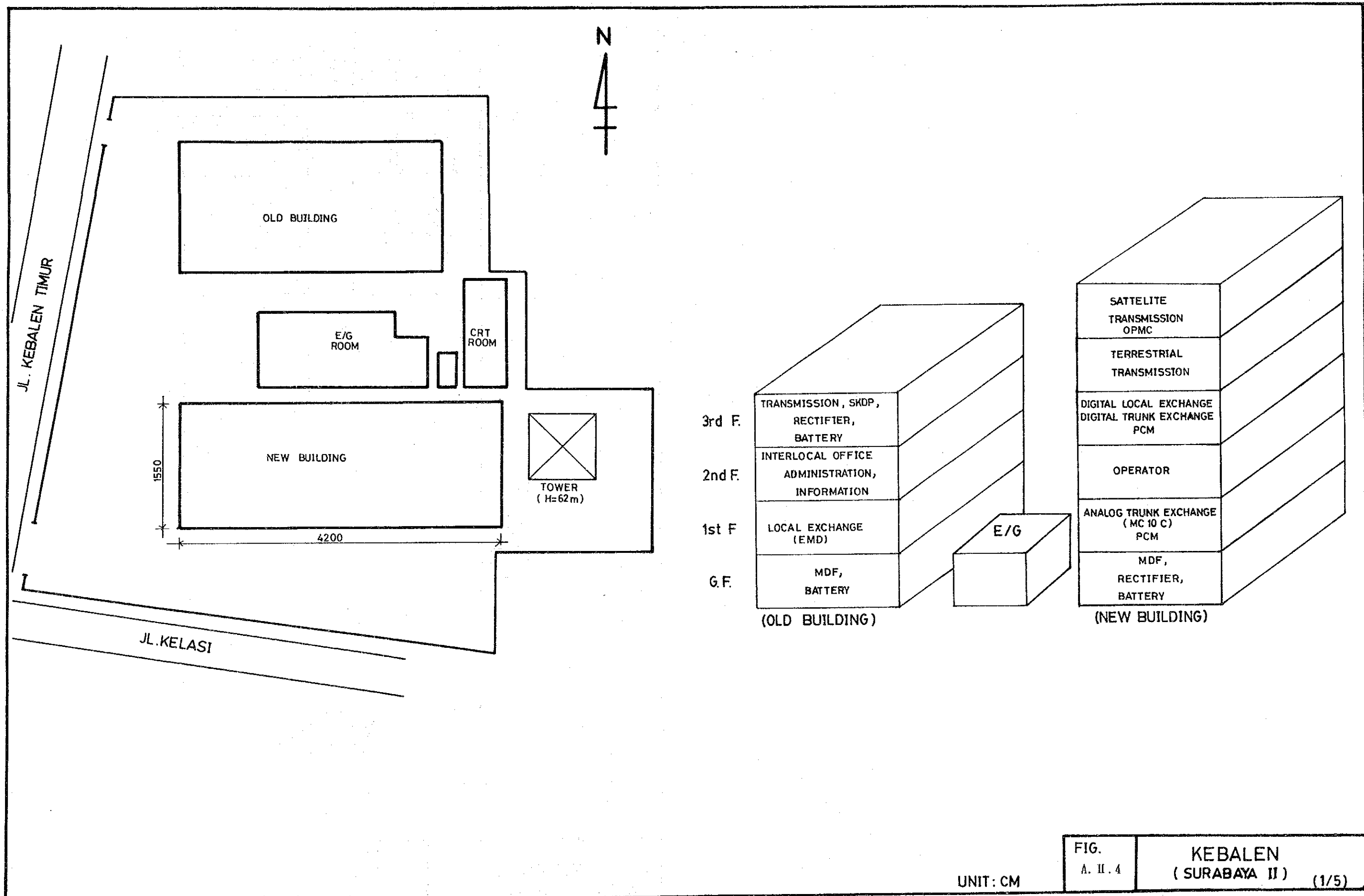
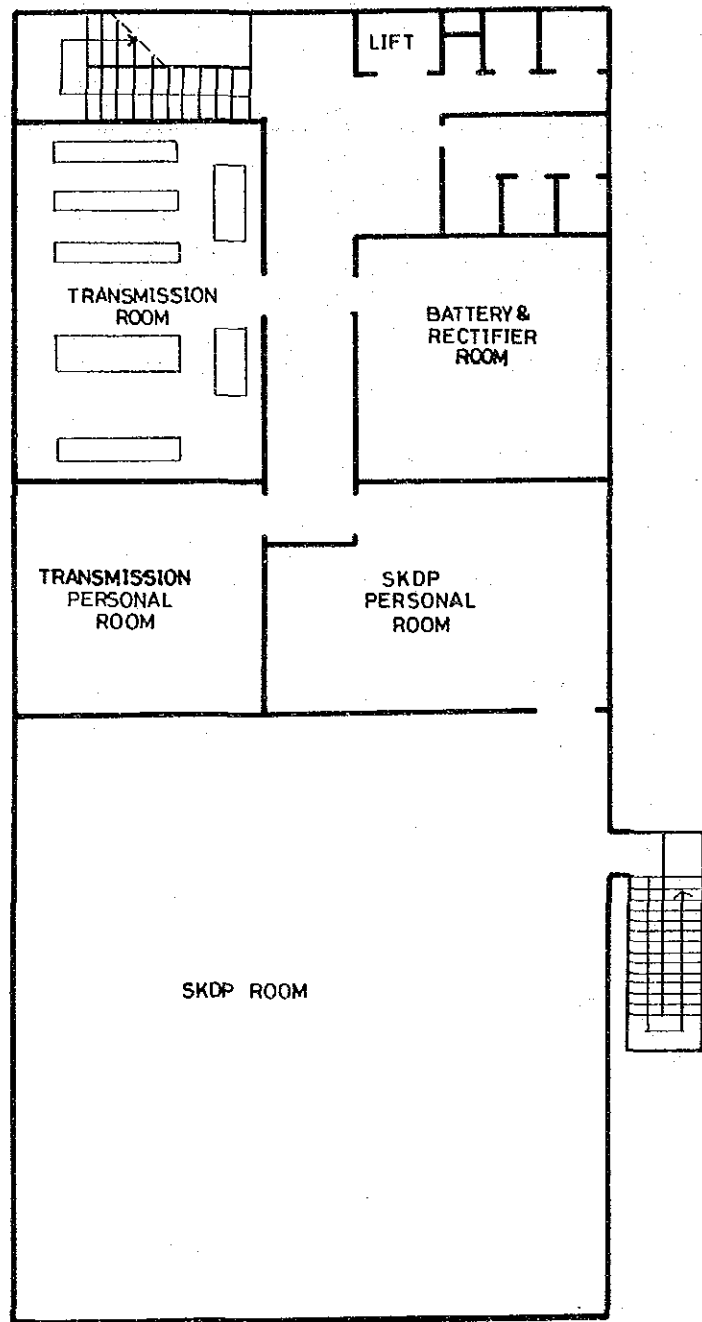


FIG. A. II. 4  
**KEBALEN (SURABAYA II)** (1/5)

UNIT: CM



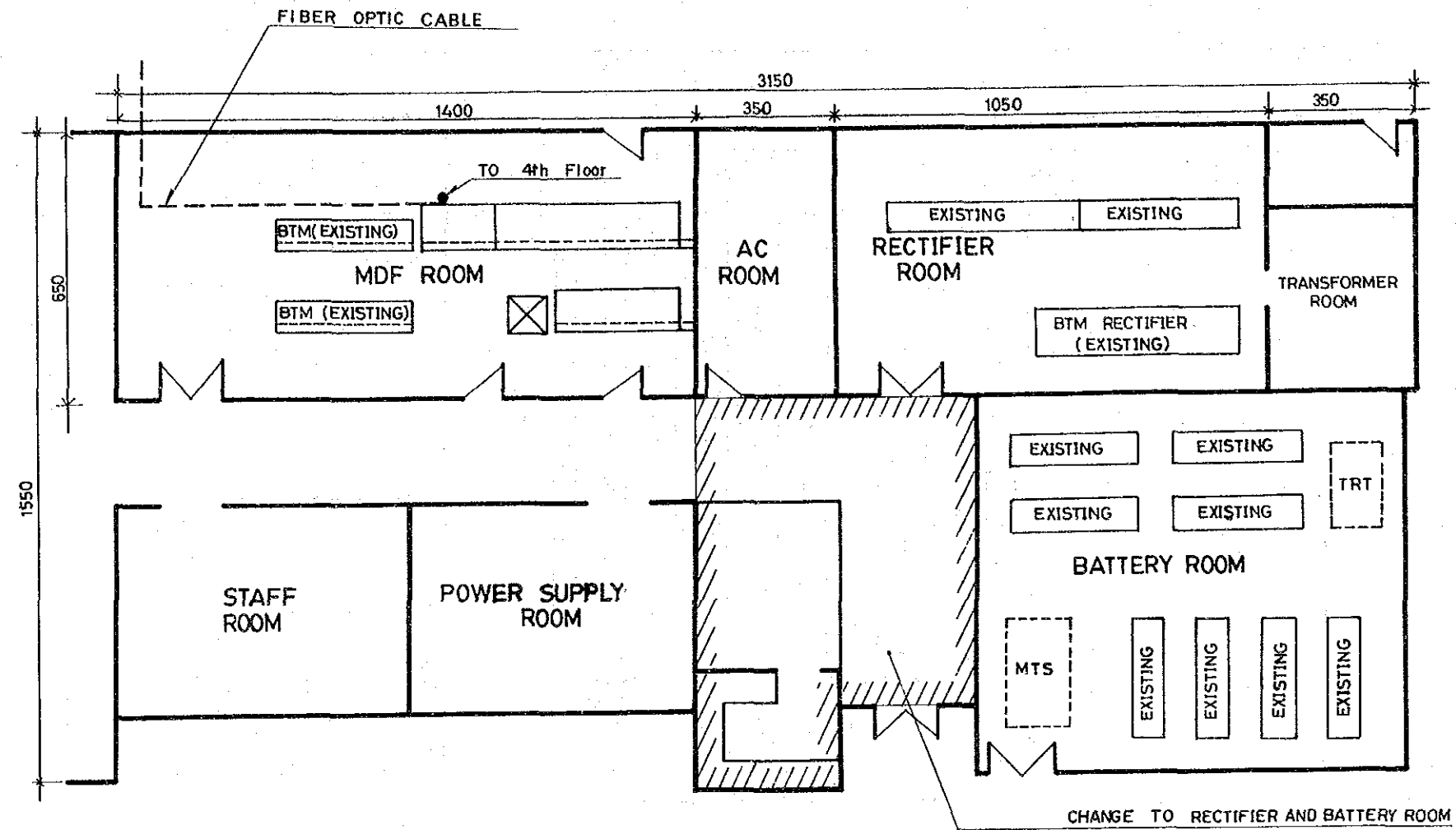


THIRD FLOOR  
(OLD BUILDING)

UNIT : CM

FIG.  
A. II. 4

KEBALEN (2/5)



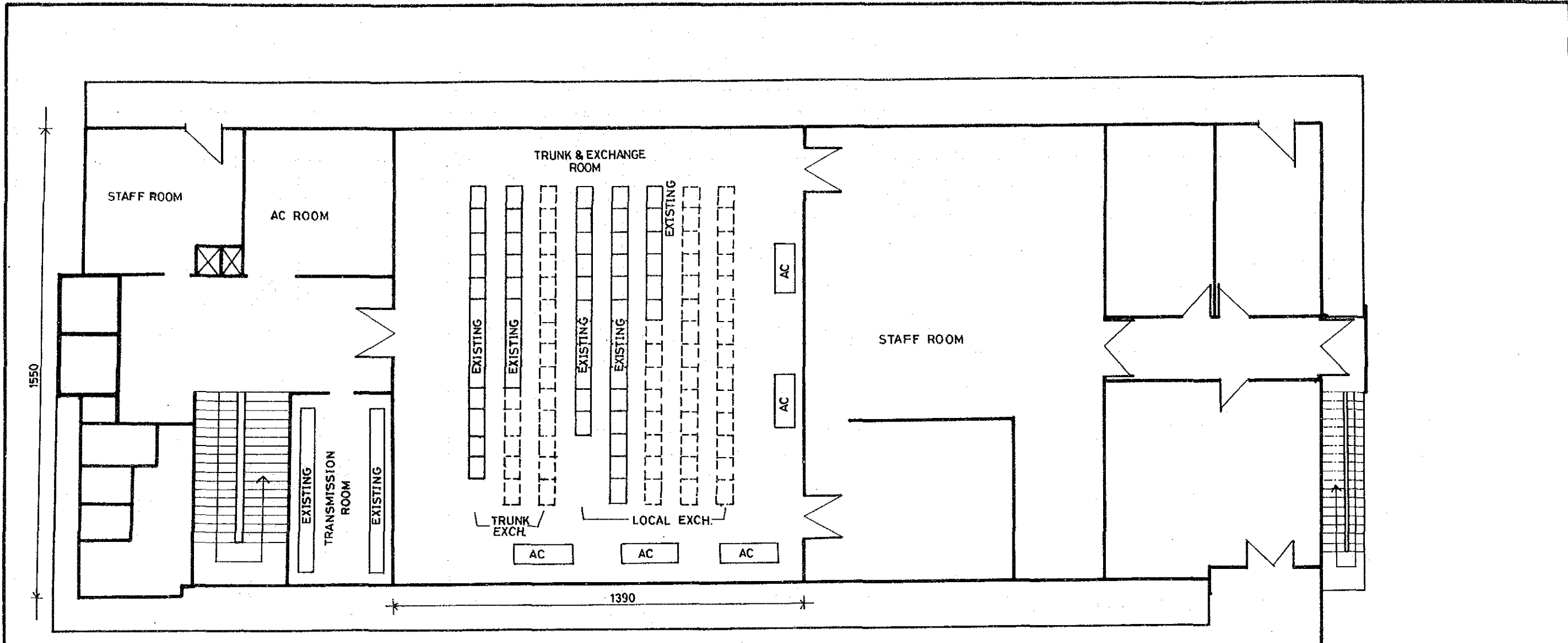
**GROUND FLOOR**  
(NEW BUILDING)

UNIT: CM

FIG.  
A. II. 4

KEBALEN

(3/5)



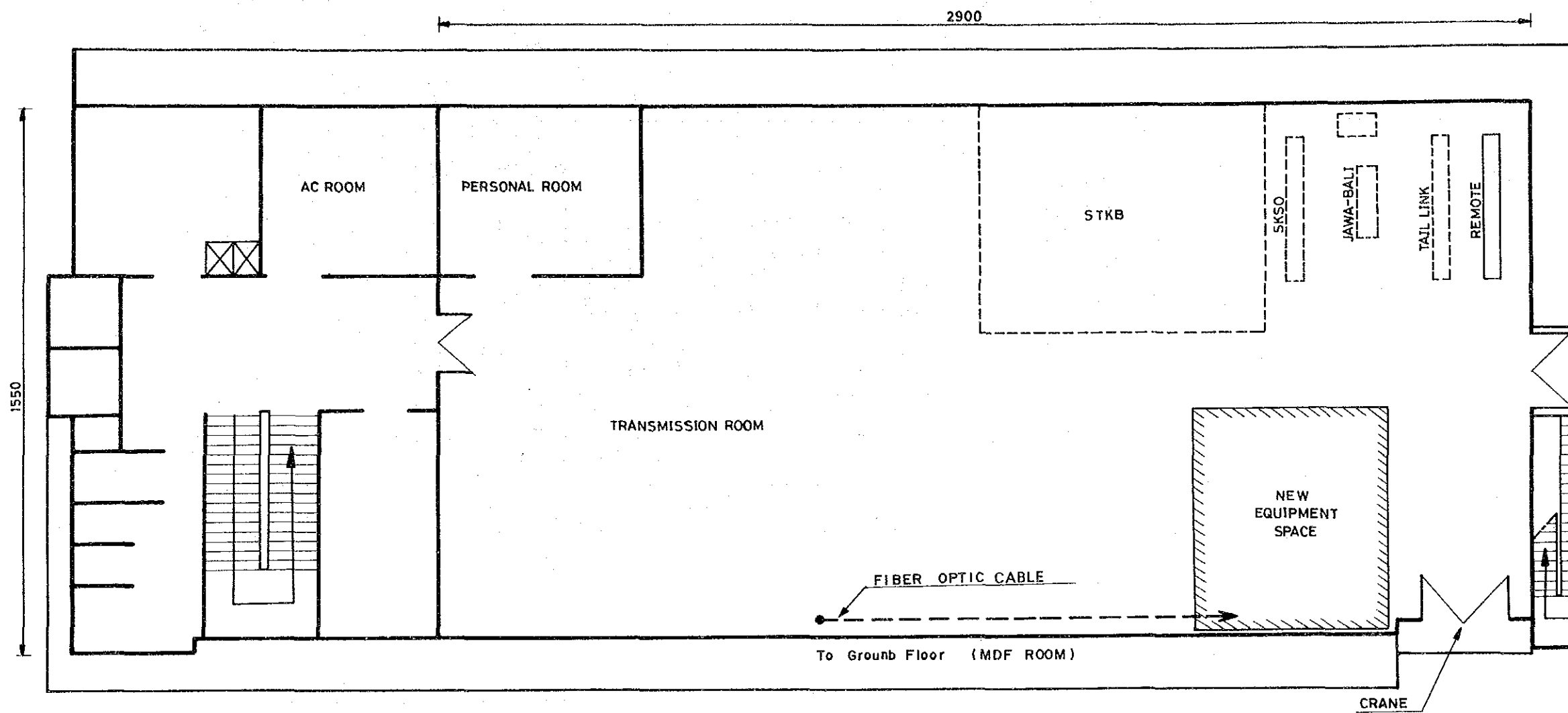
3rd FLOOR  
(NEW BUILDING)

UNIT : CM

FIG.  
A. II. 4

KEBALEN

(4/5)



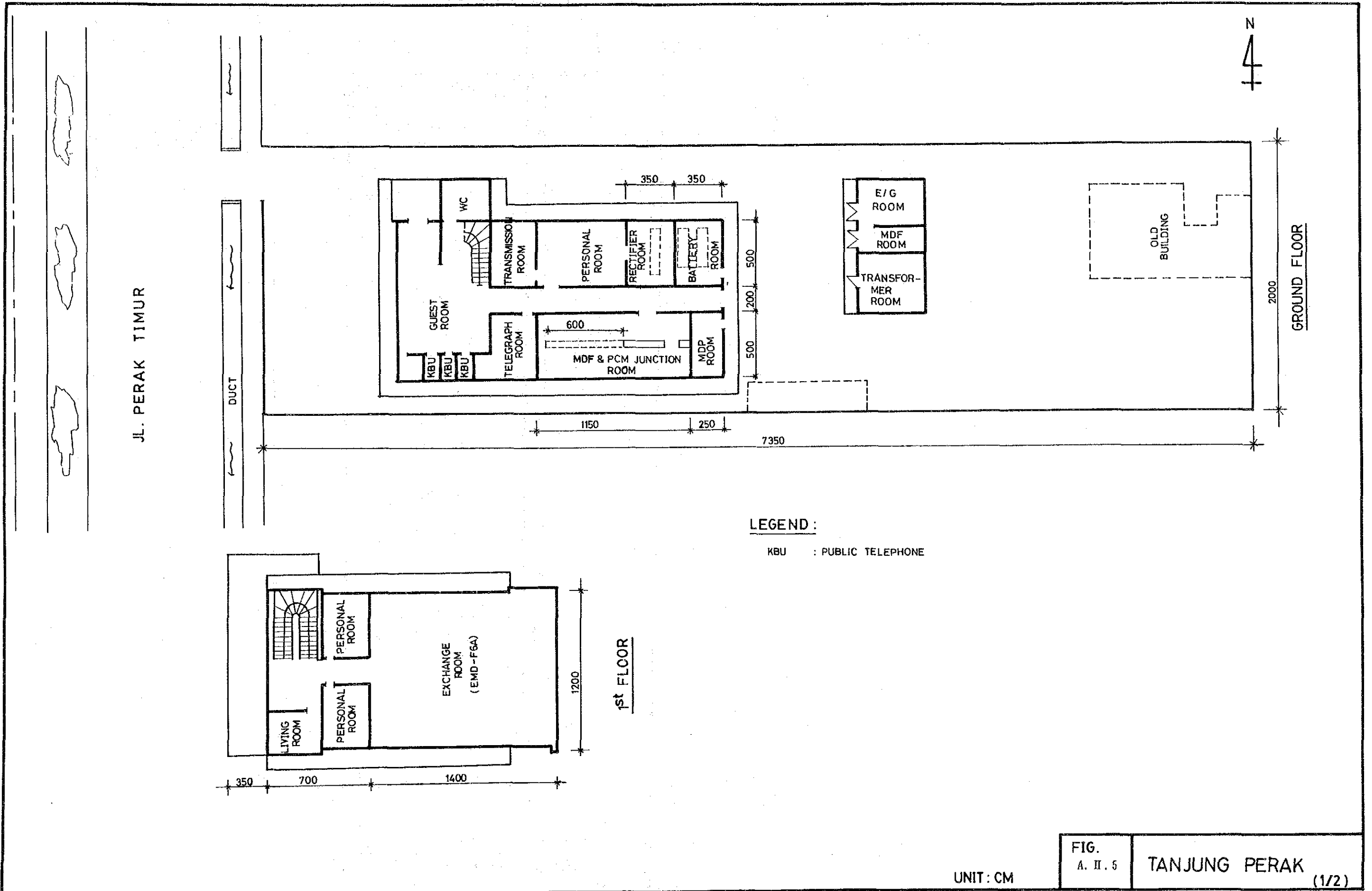
**4th FLOOR**  
(NEW BUILDING)

UNIT : CM

FIG.  
A. II. 4

KEBALEN

(5/5)



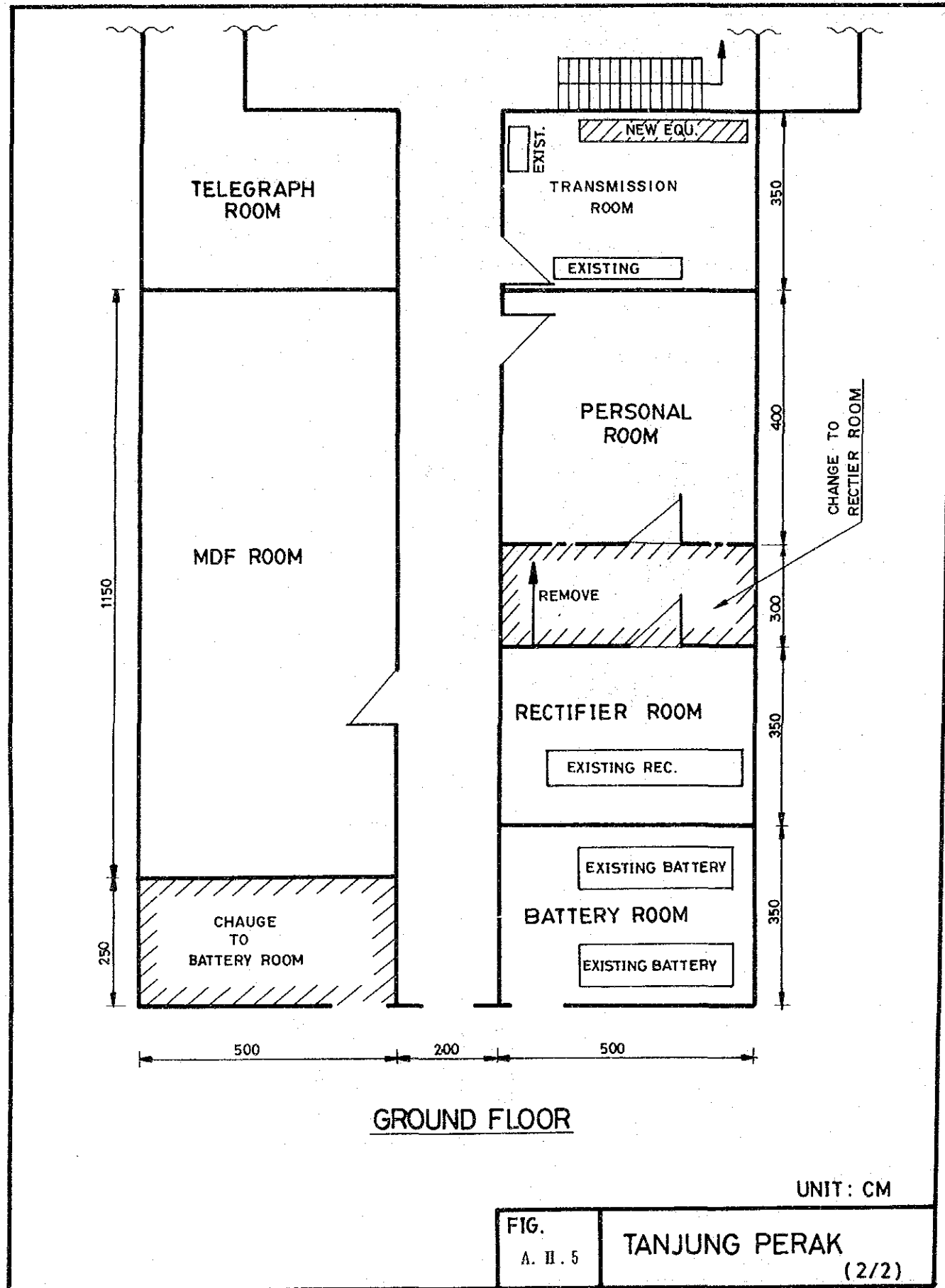
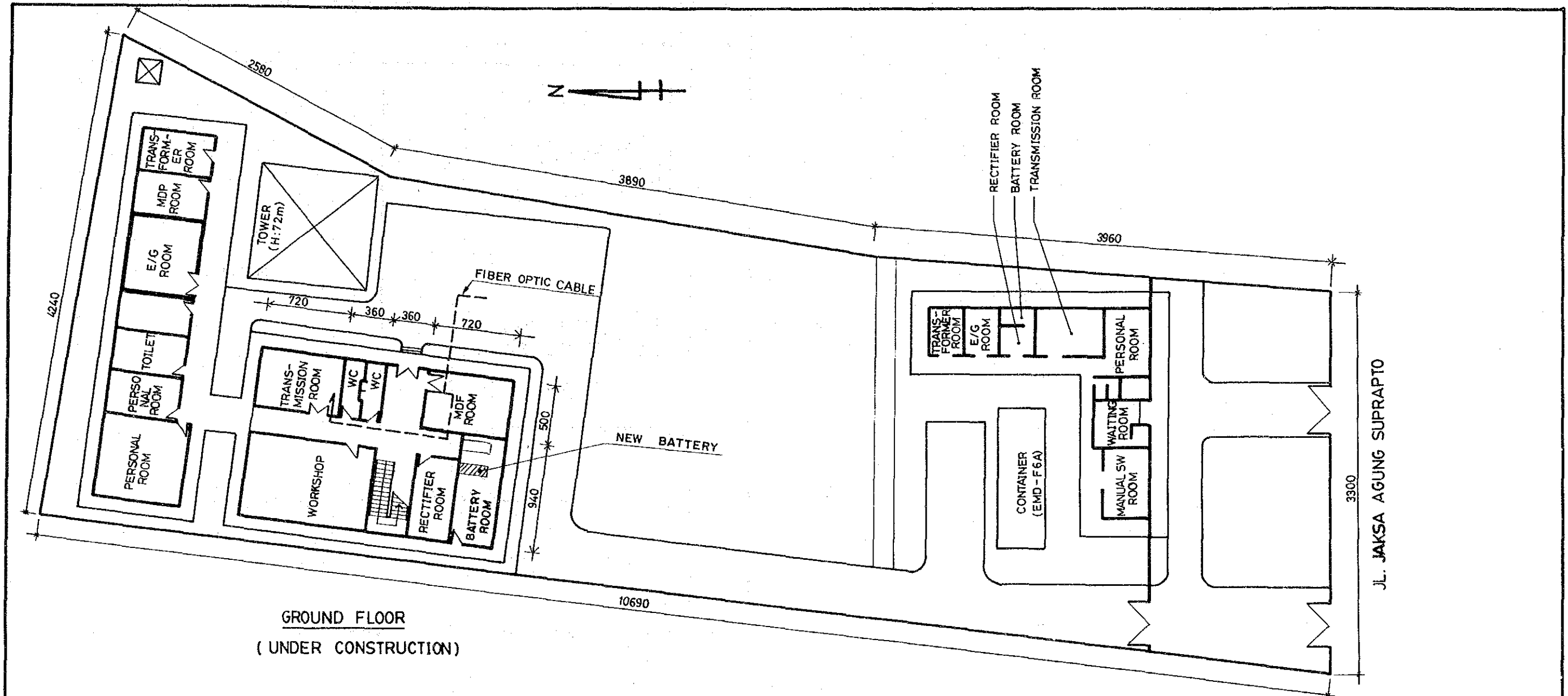
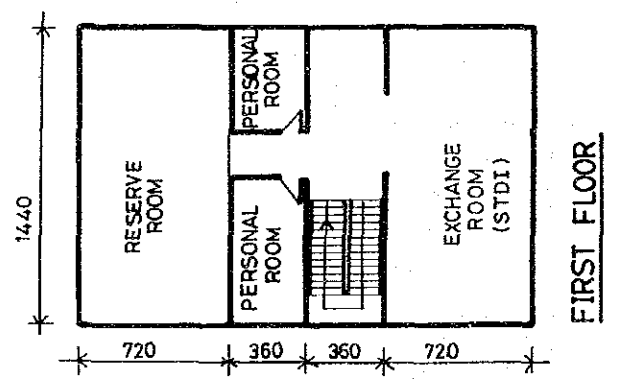


FIG. A. II. 5 TANJUNG PERAK (2/2)



GROUND FLOOR  
( UNDER CONSTRUCTION )



FIRST FLOOR

JL. JAKSA AGUNG SUPRPTO

UNIT : CM

FIG.  
A. II. 6

GRESIK

( 1/2 )

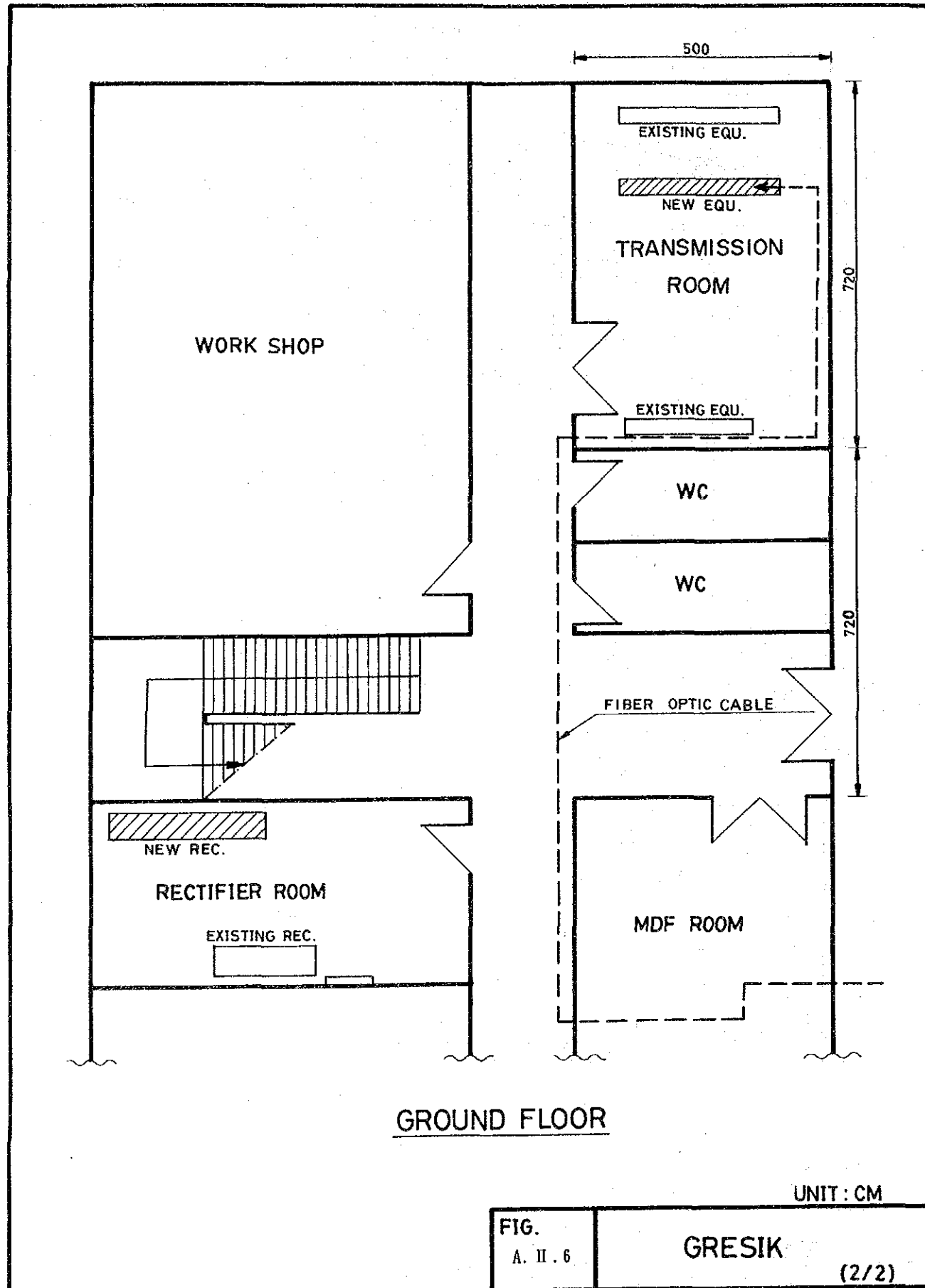
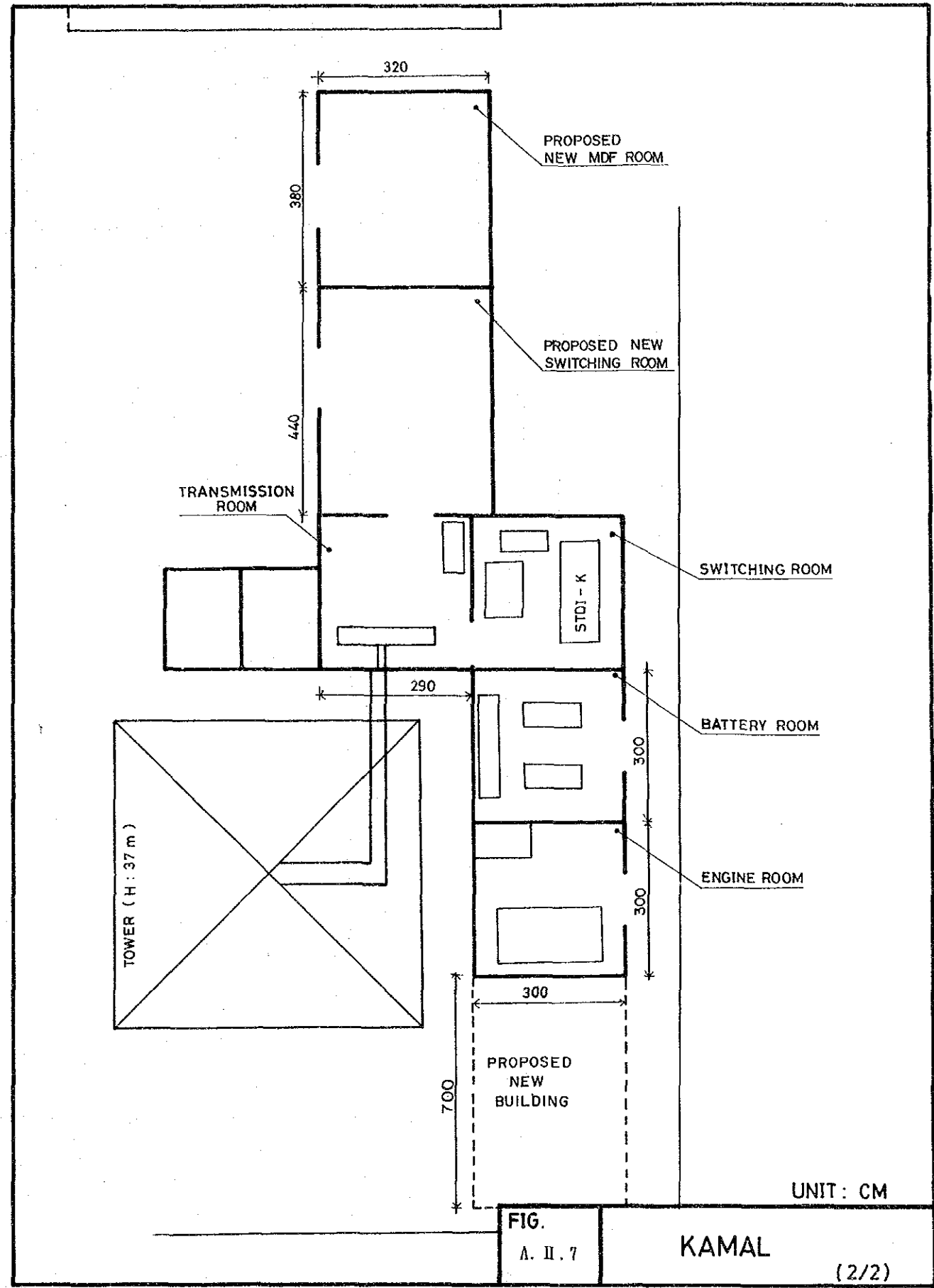
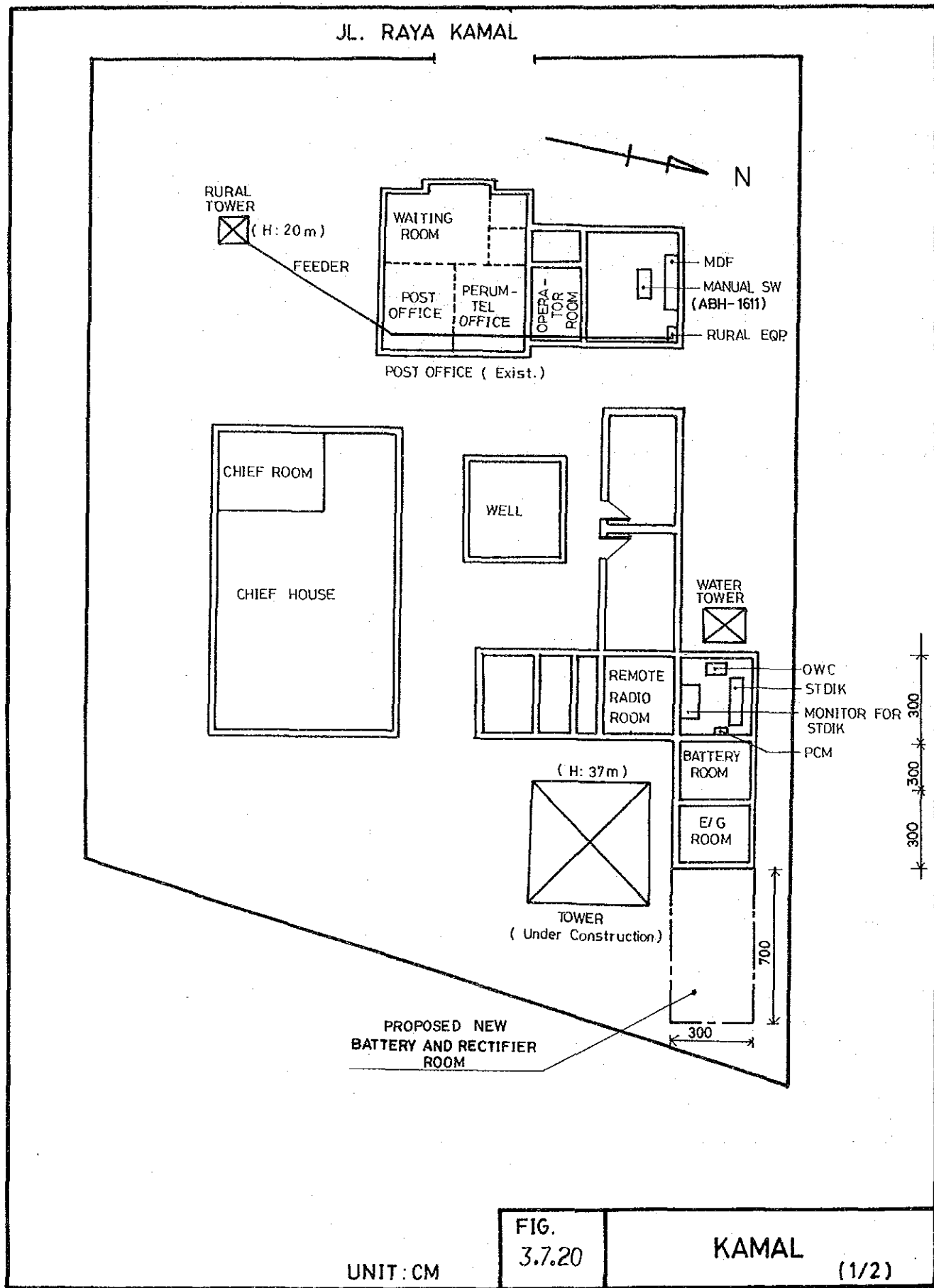
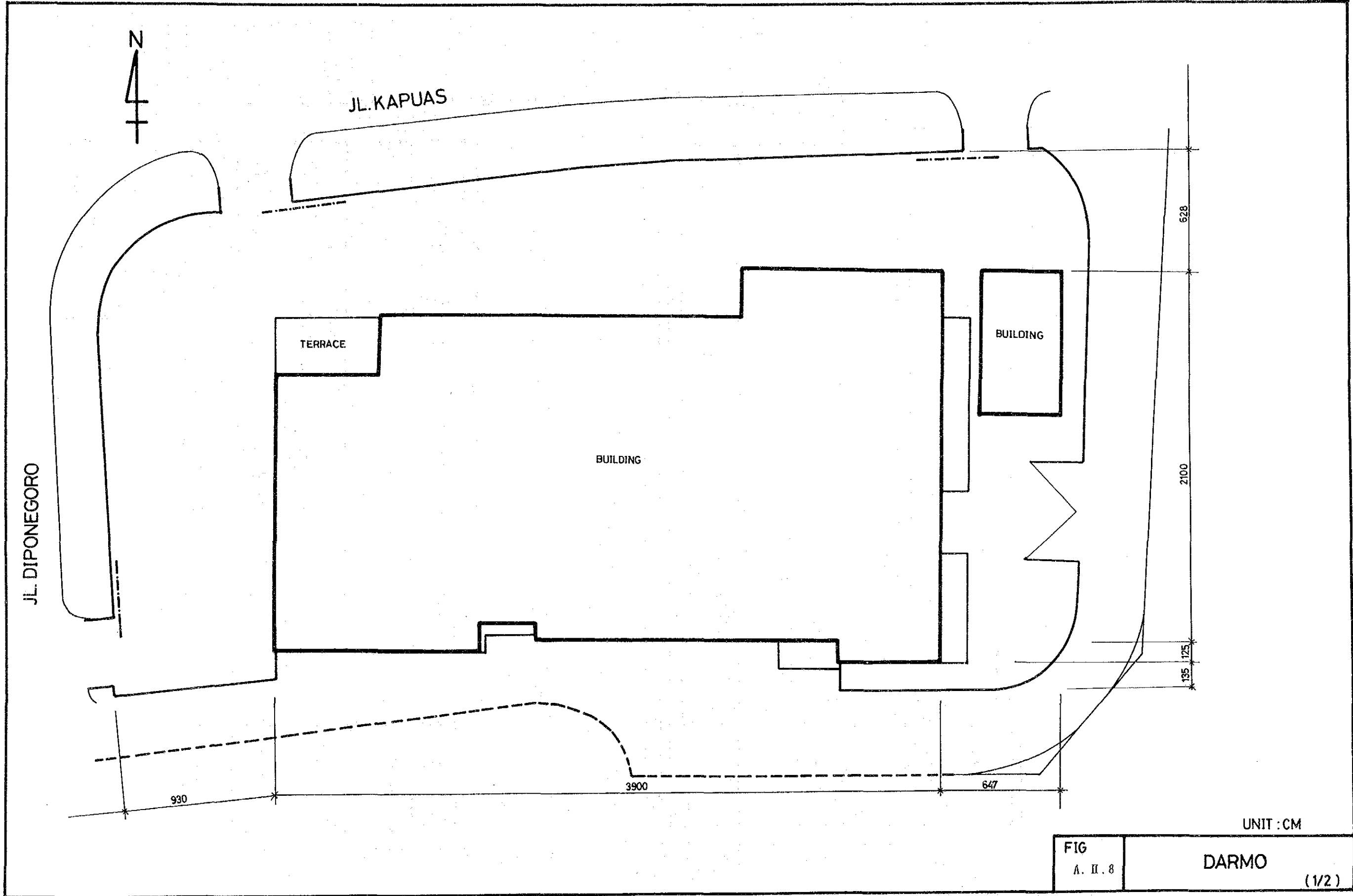


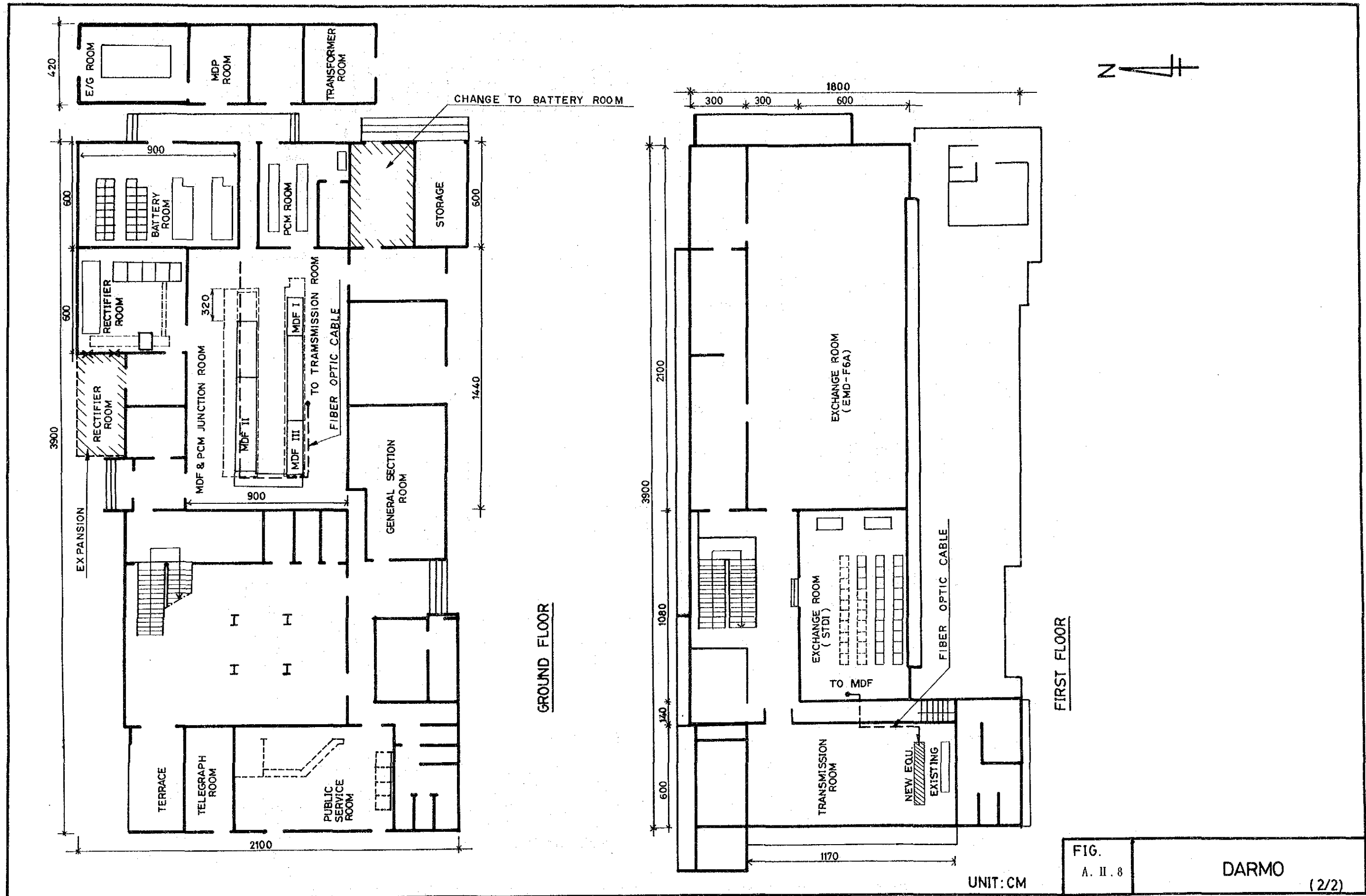
FIG.  
A. II. 6

UNIT : CM  
GRESIK  
(2/2)









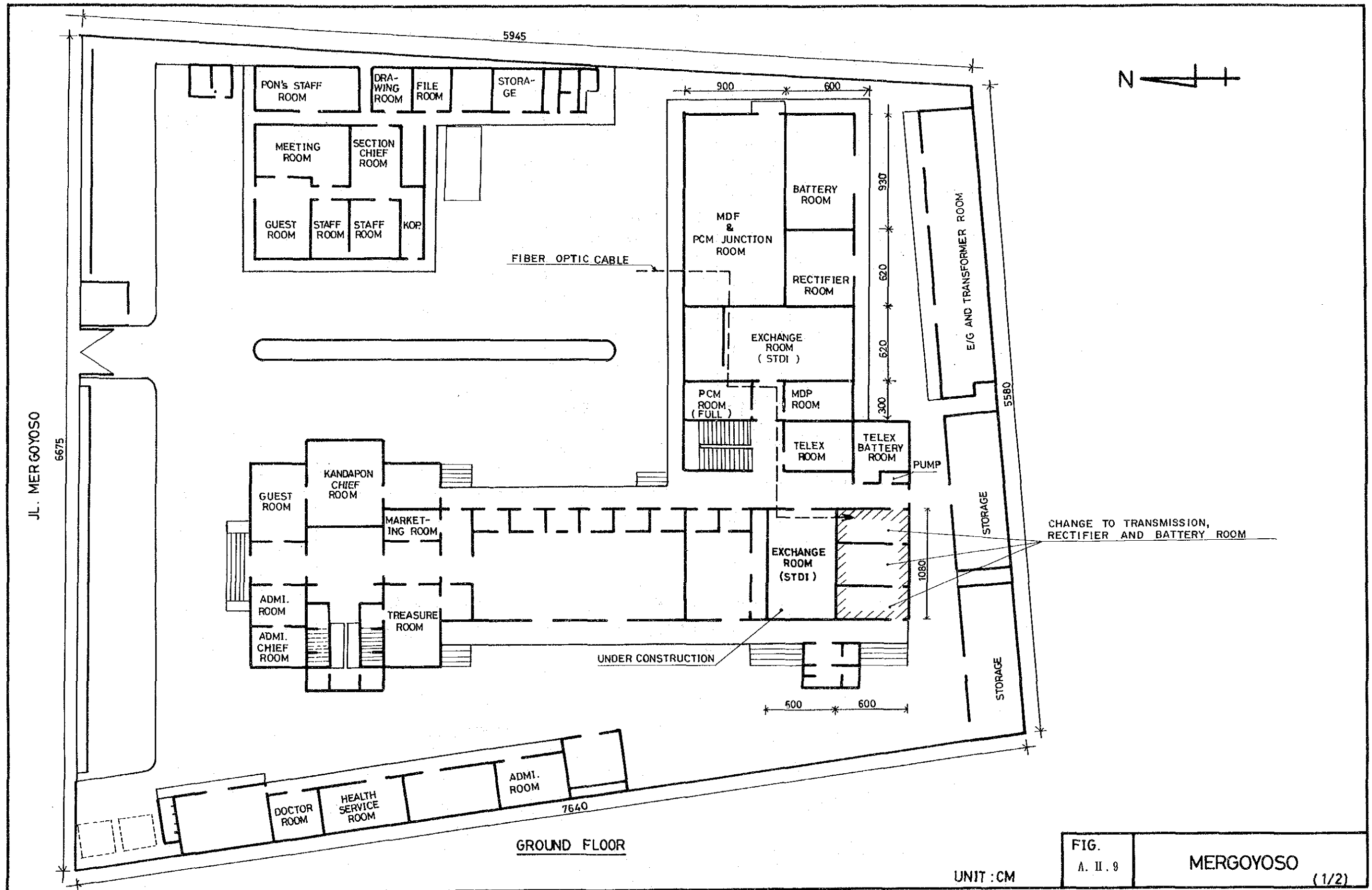
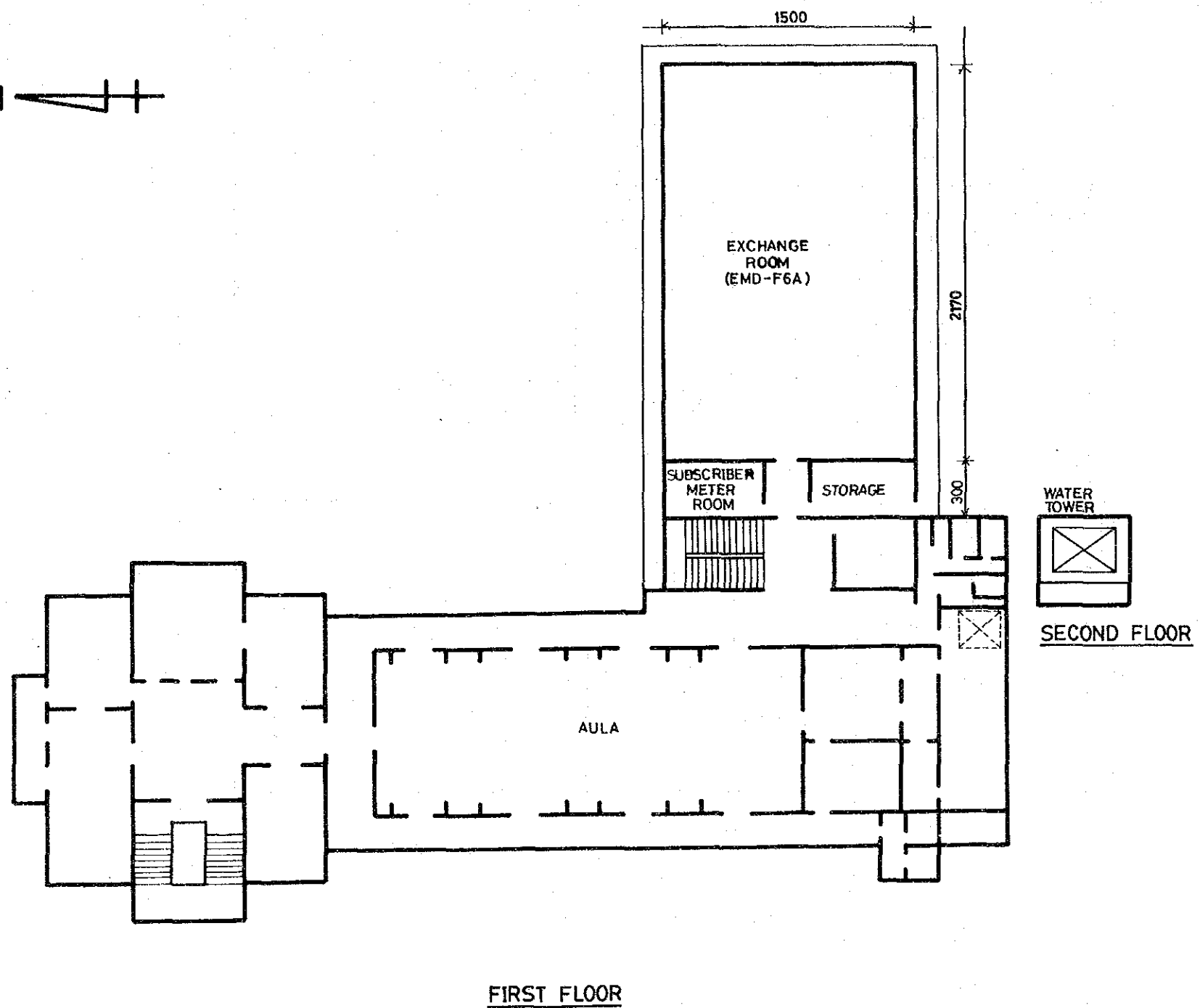


FIG. A. II. 9 MERGOYOSO (1/2)



UNIT: CM

FIG. A. II. 9

MERGOYOSO (2/2)

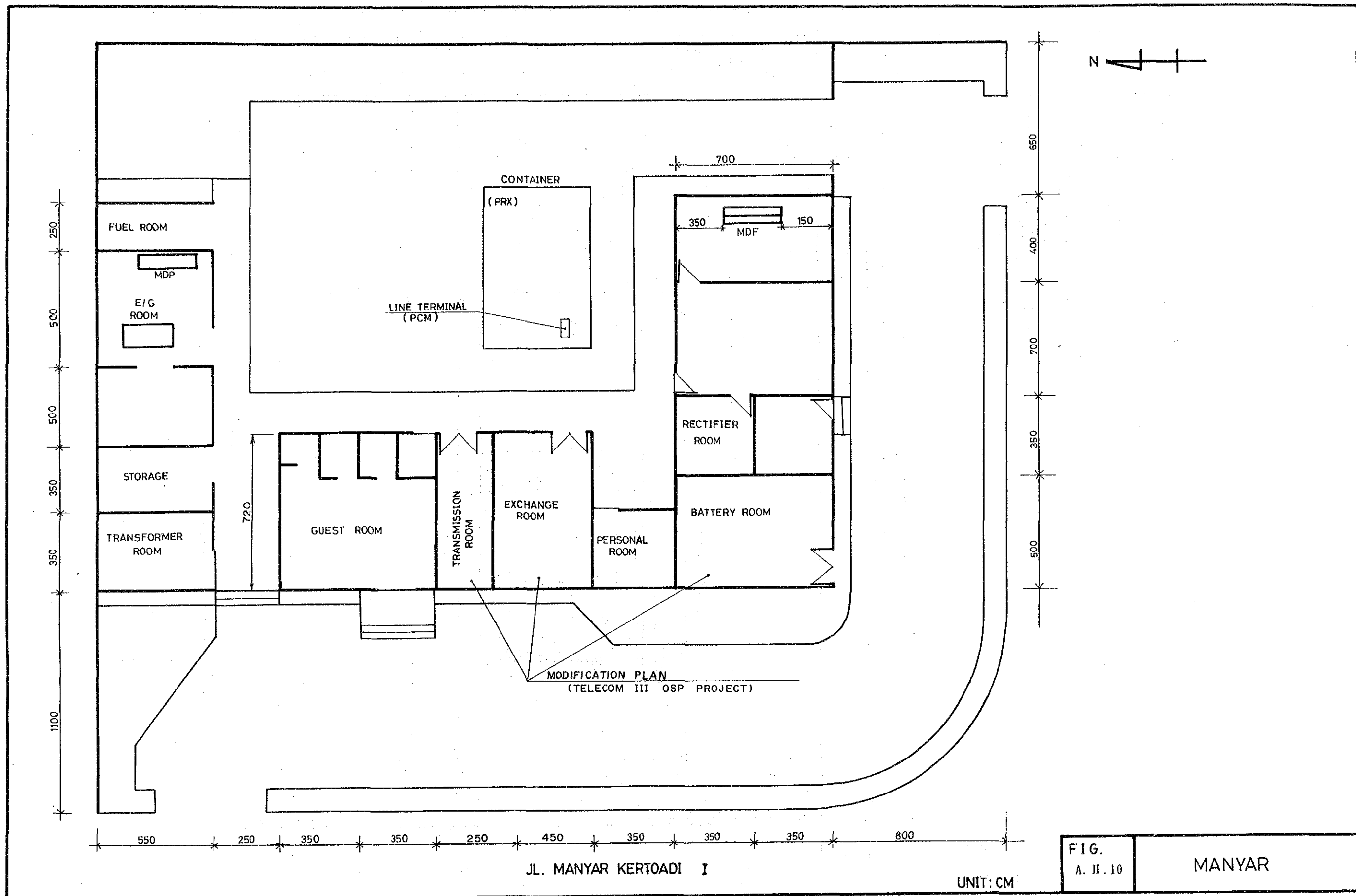
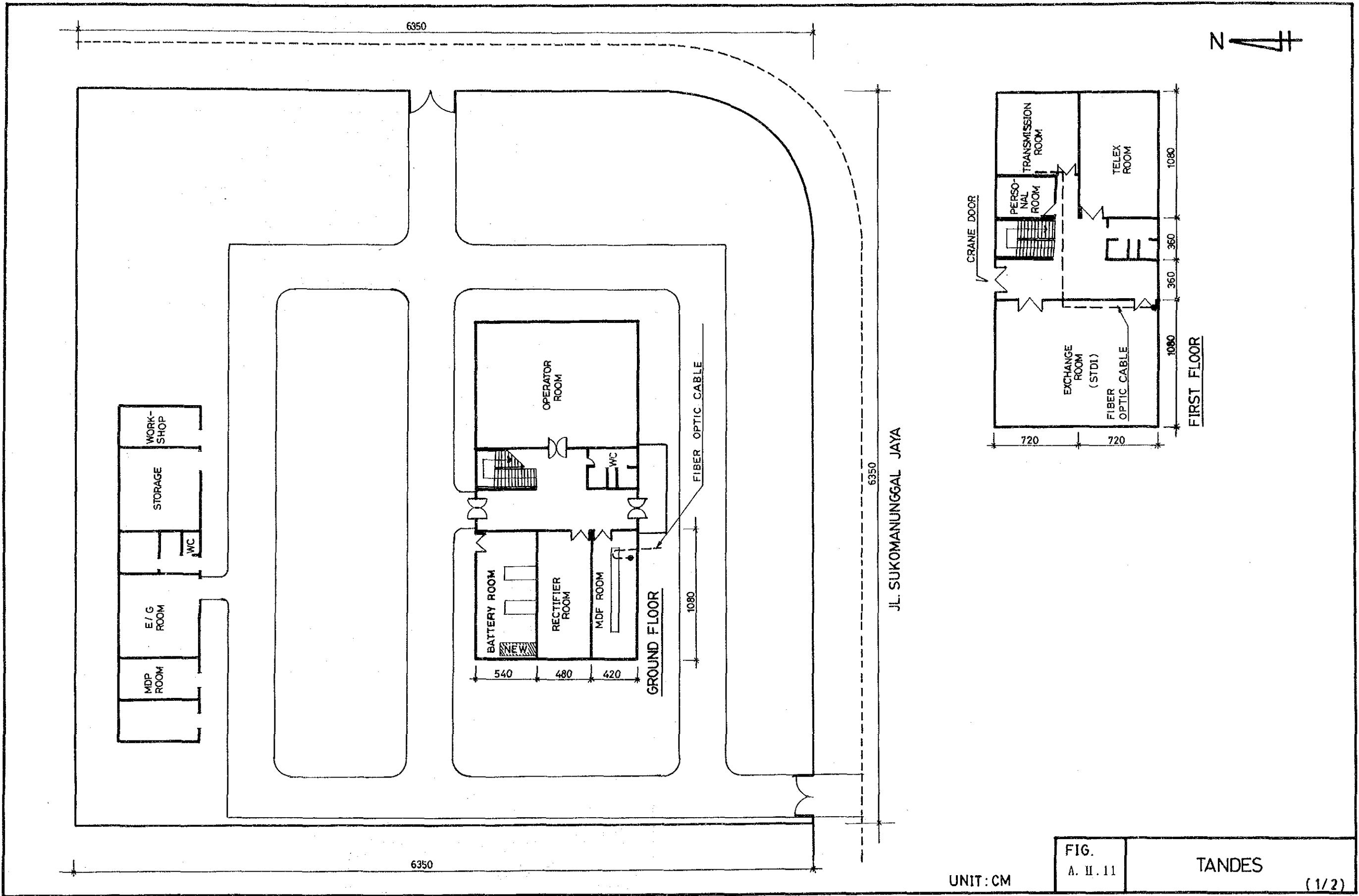


FIG. A. II. 10

MANYAR



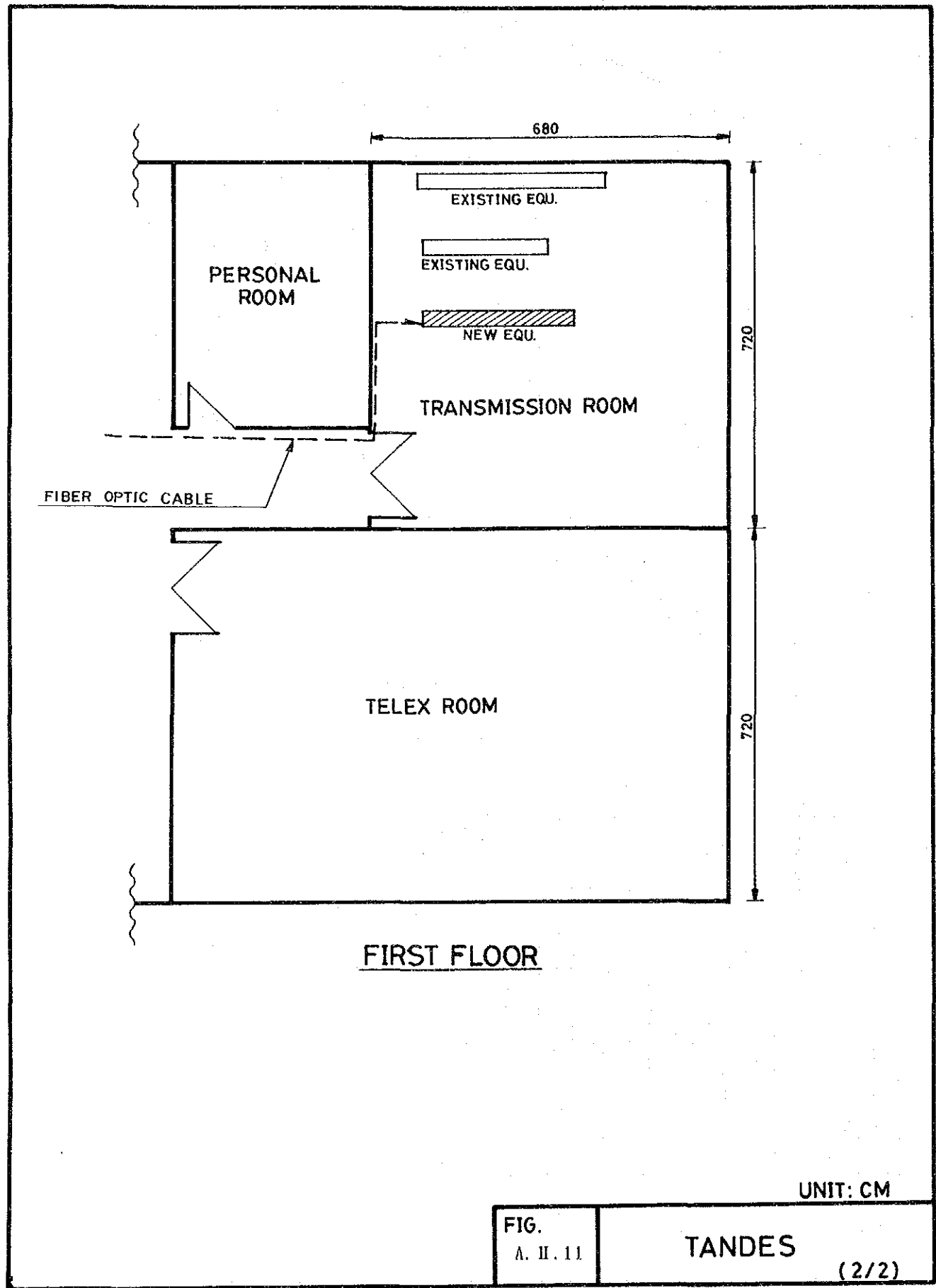
JL. SUKOMANUNGGAL JAYA

UNIT: CM

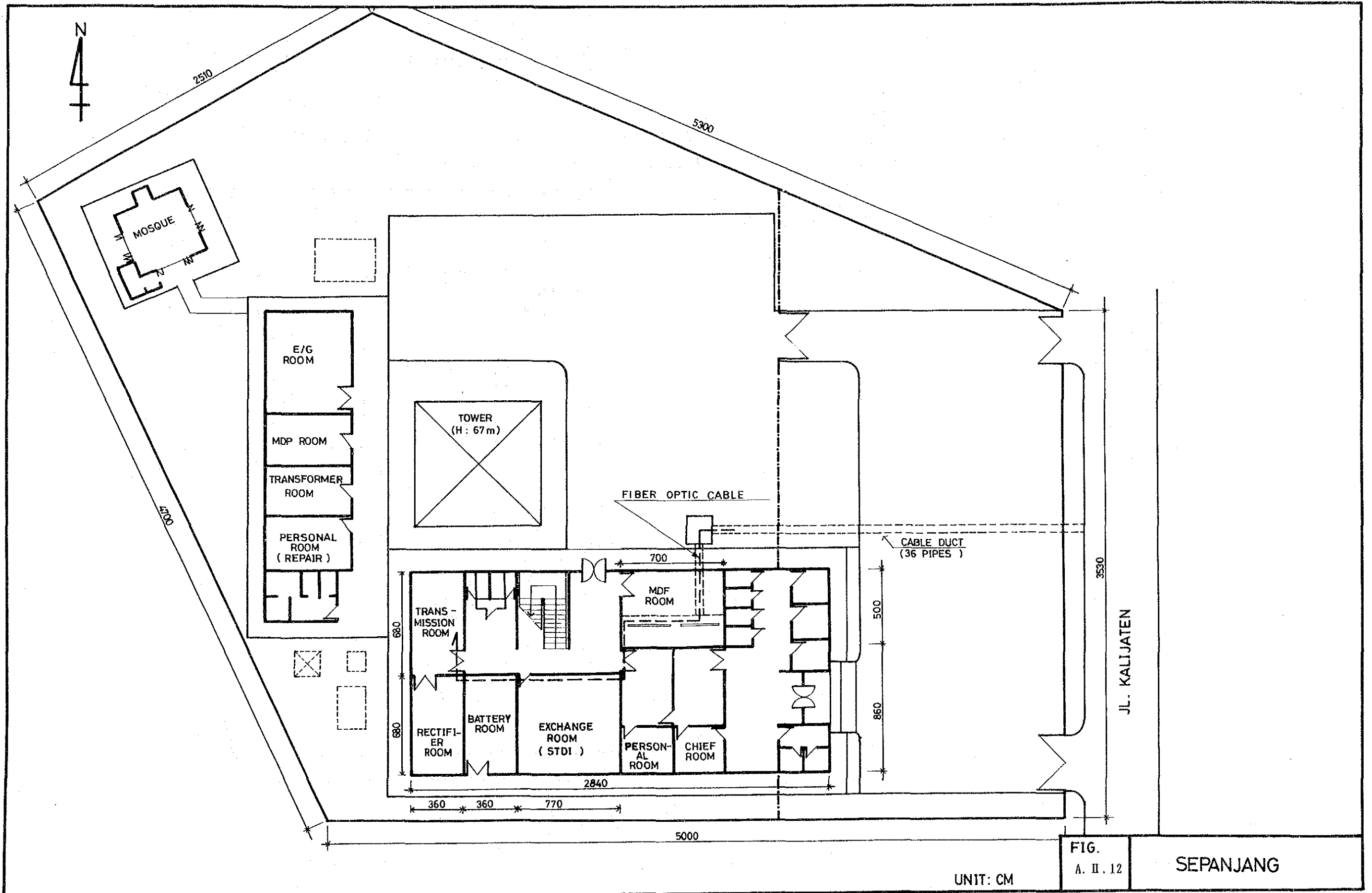
FIG. A. II. 11

TANDES

(1/2)



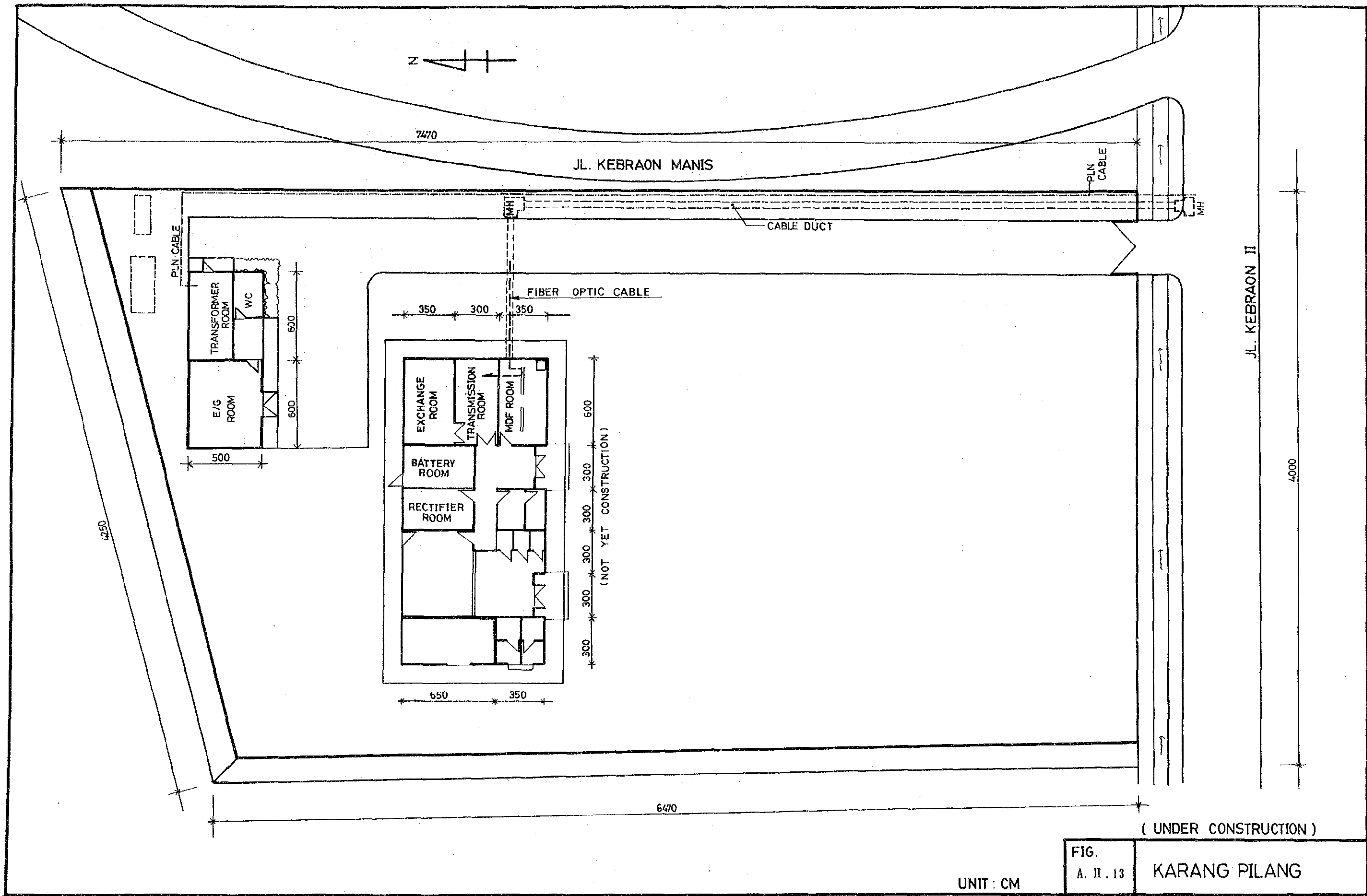




UNIT: CM

FIG. A. II. 12

SEPANJANG

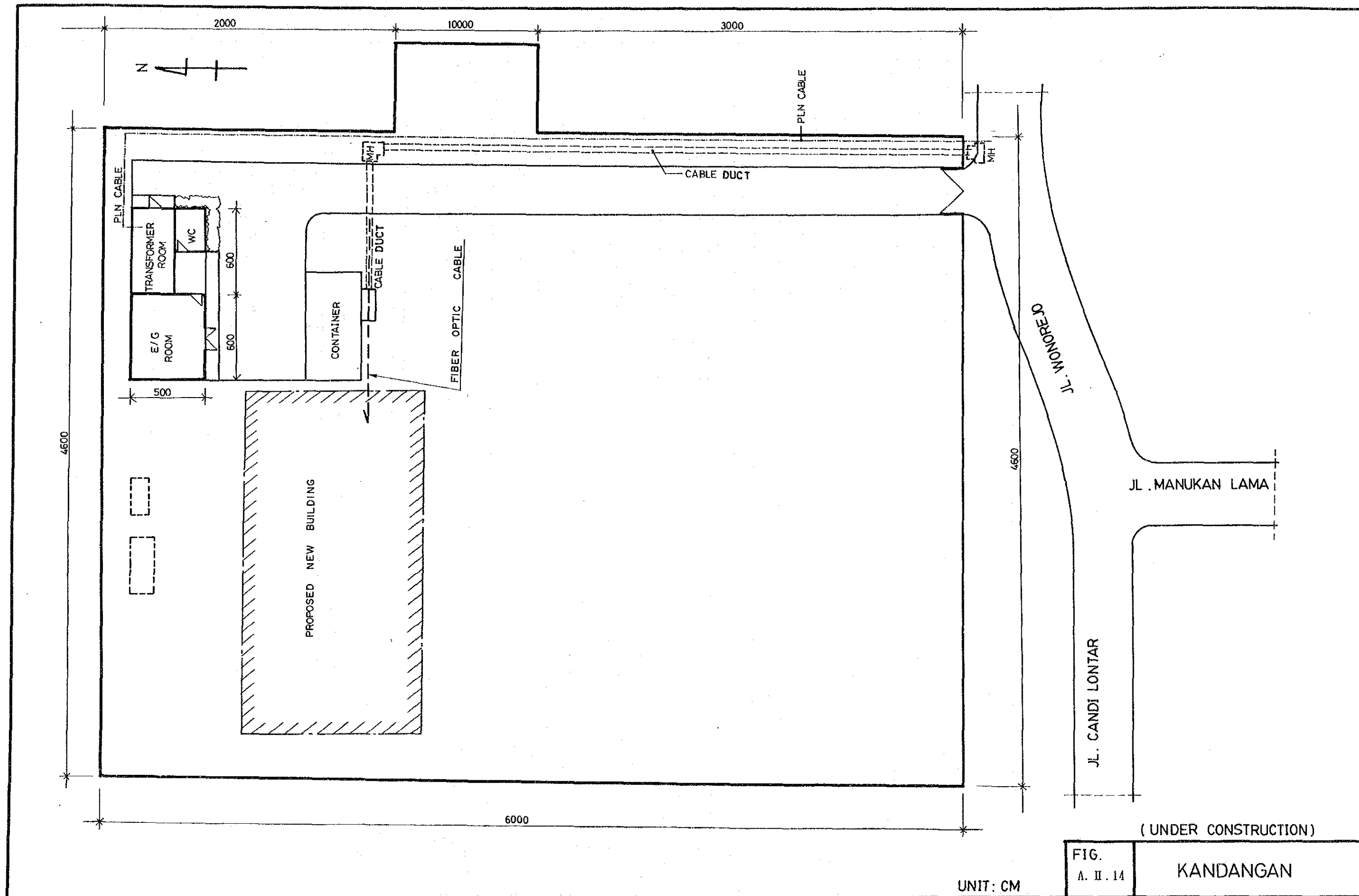


( UNDER CONSTRUCTION )

UNIT : CM

FIG.  
A. II. 13

KARANG PILANG



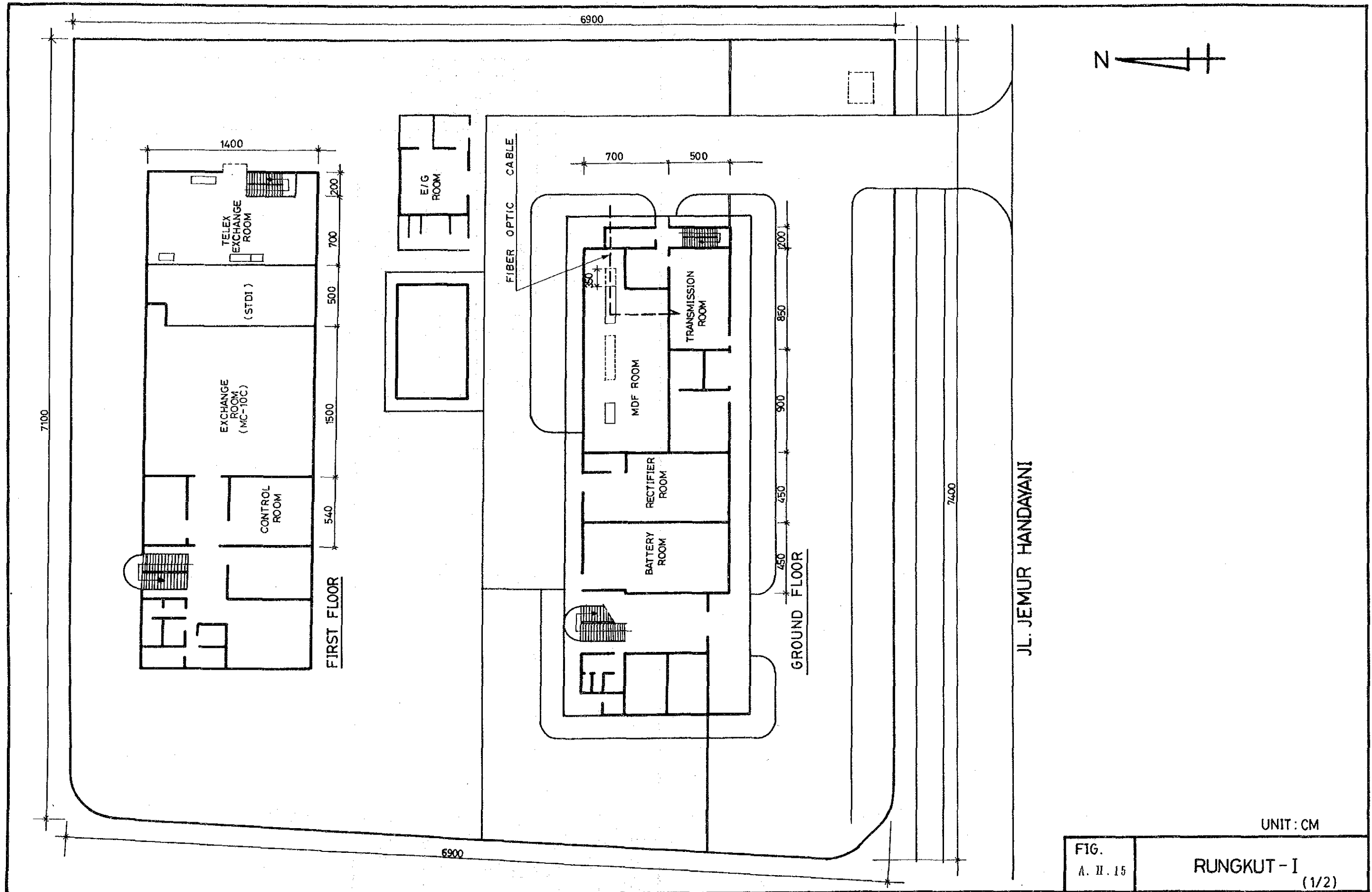


FIG.  
A. II. 15

RUNGKUT - I  
(1/2)

UNIT : CM

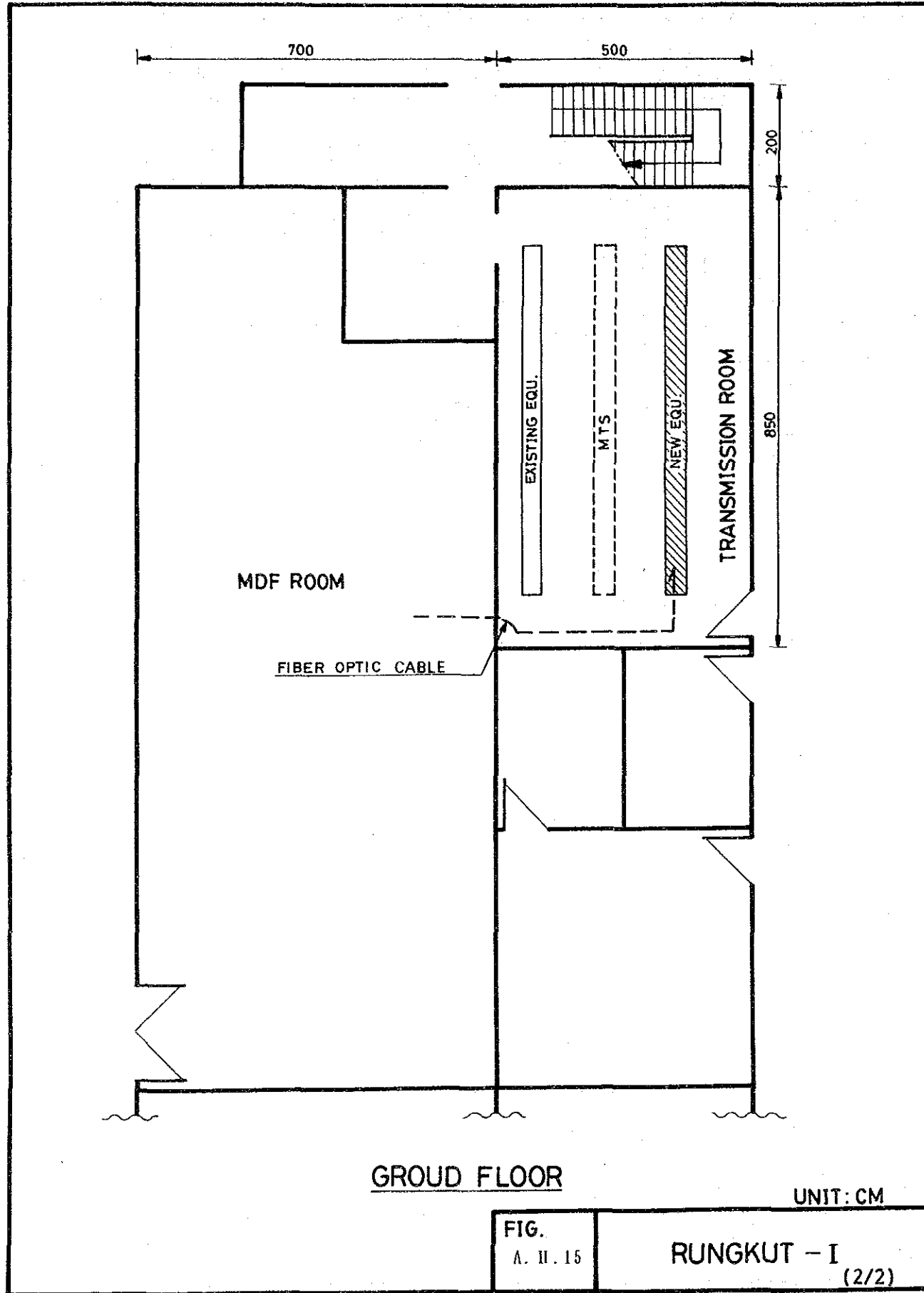
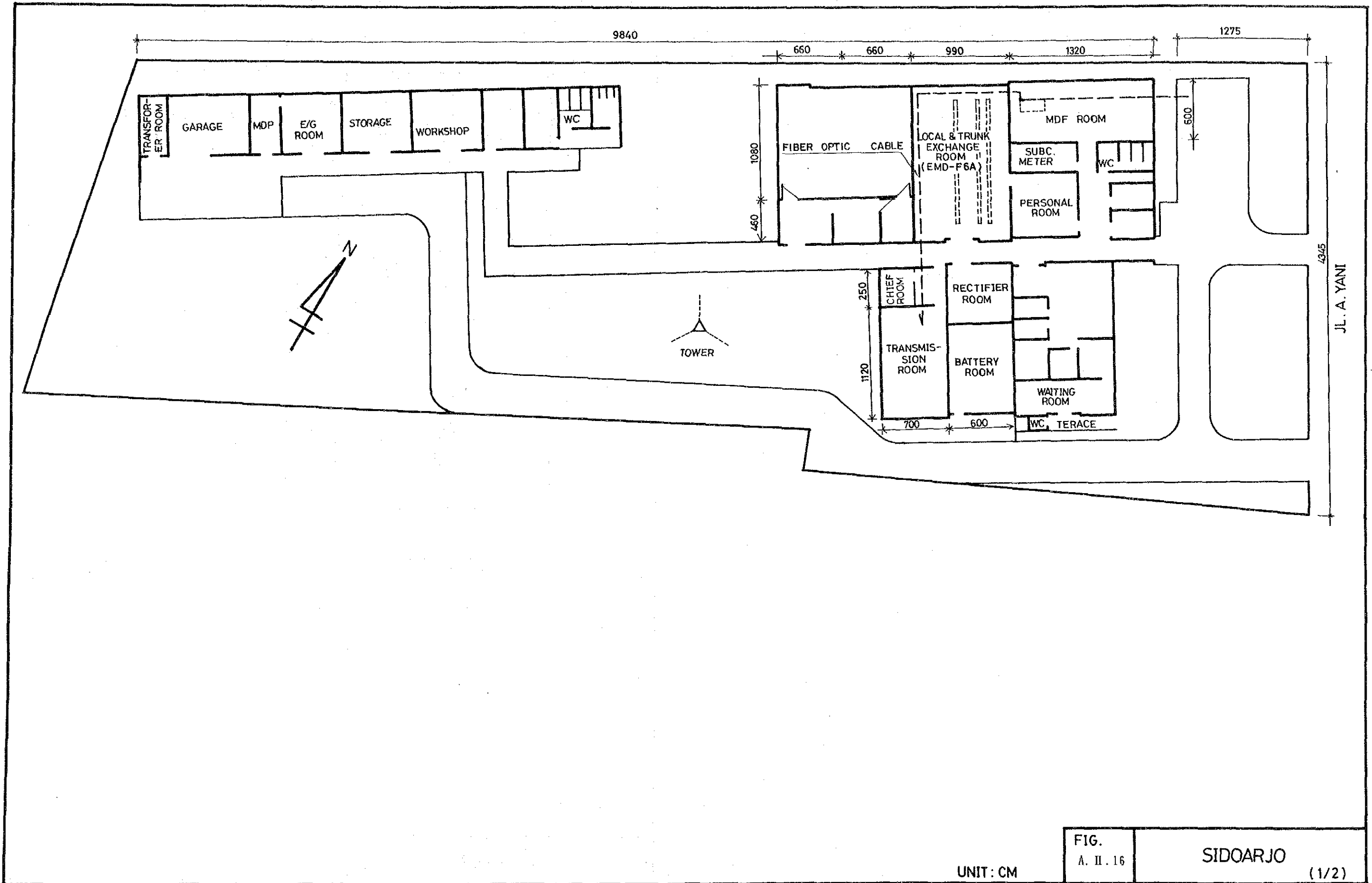


FIG. A. II. 15	RUNGKUT - I (2/2)
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JL. A. YANI

FIG.  
A. II. 16

SIDOARJO  
(1/2)

UNIT: CM

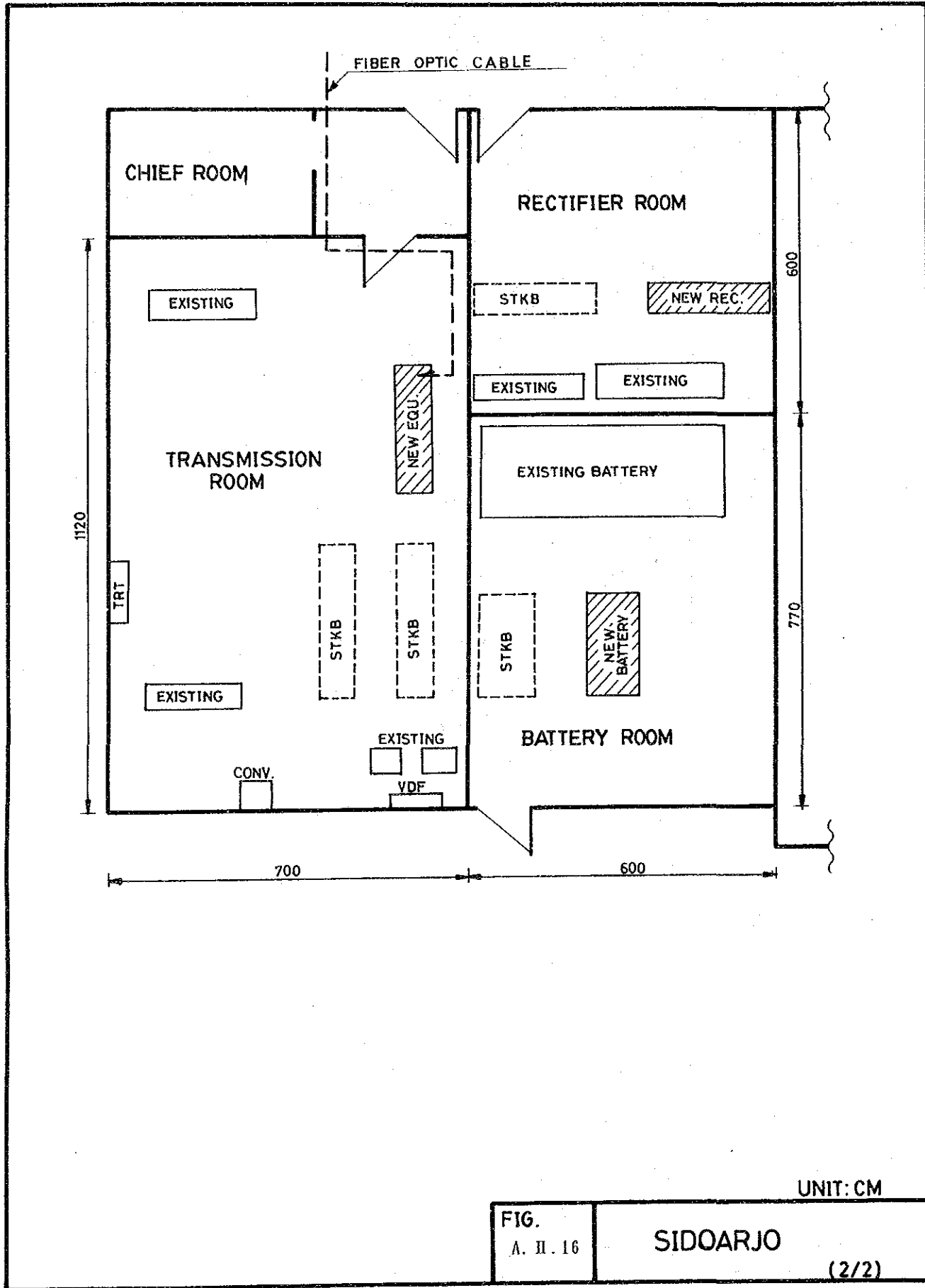


FIG.  
A. II. 16

SIDOARJO

(2/2)

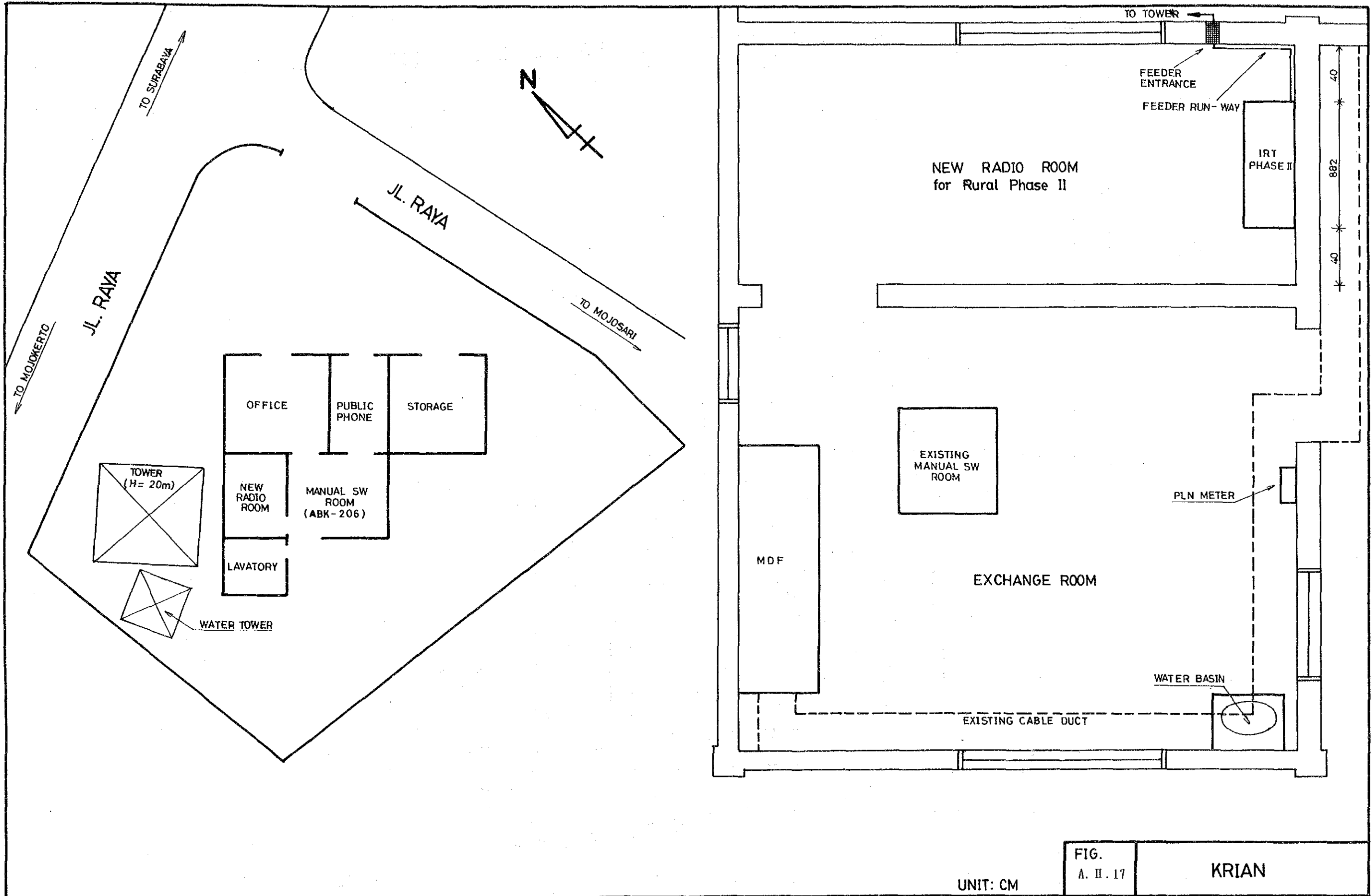


FIG.  
A. II. 17

KRIAN

UNIT: CM



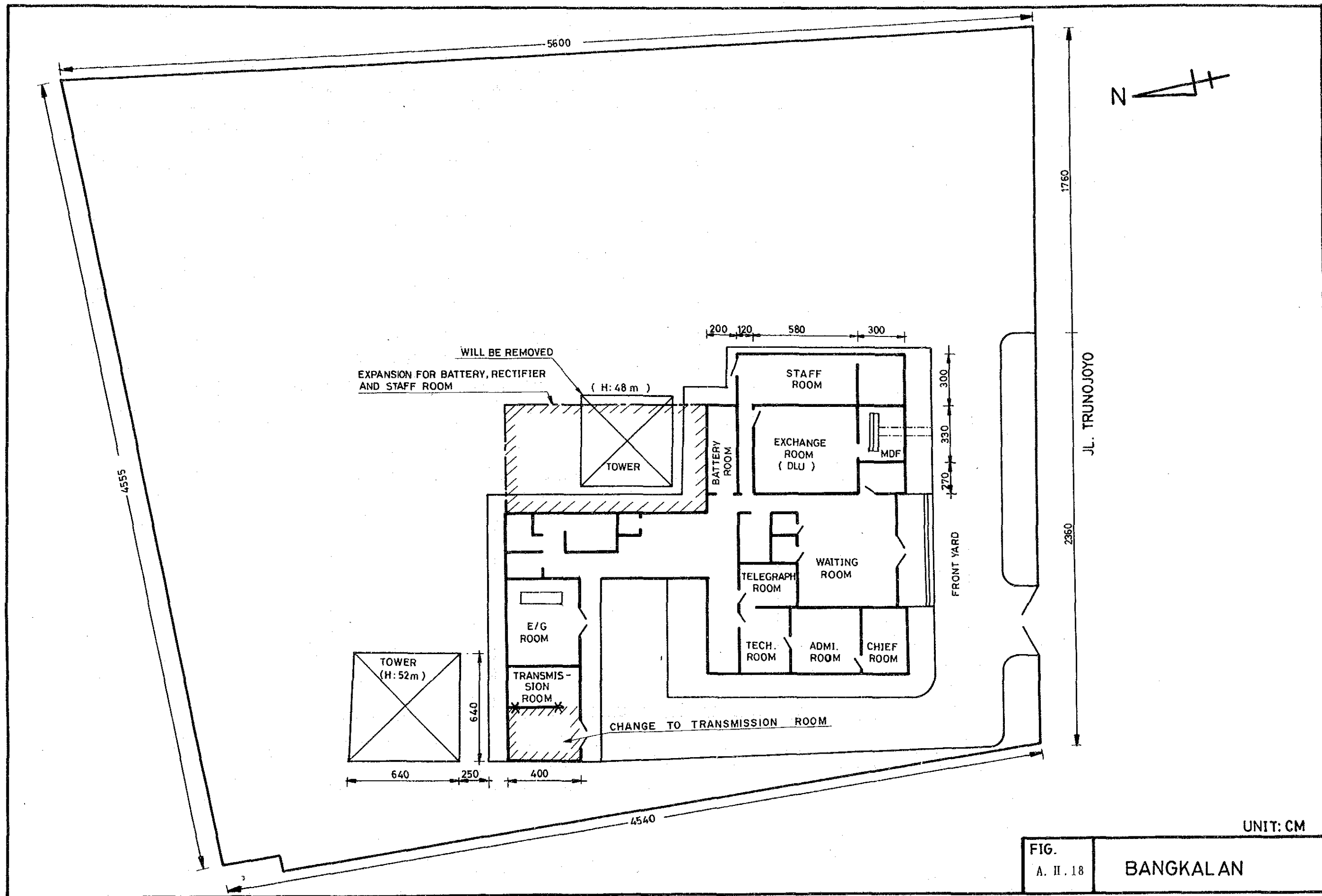


FIG.  
A. II. 18

BANGKALAN

UNIT: CM

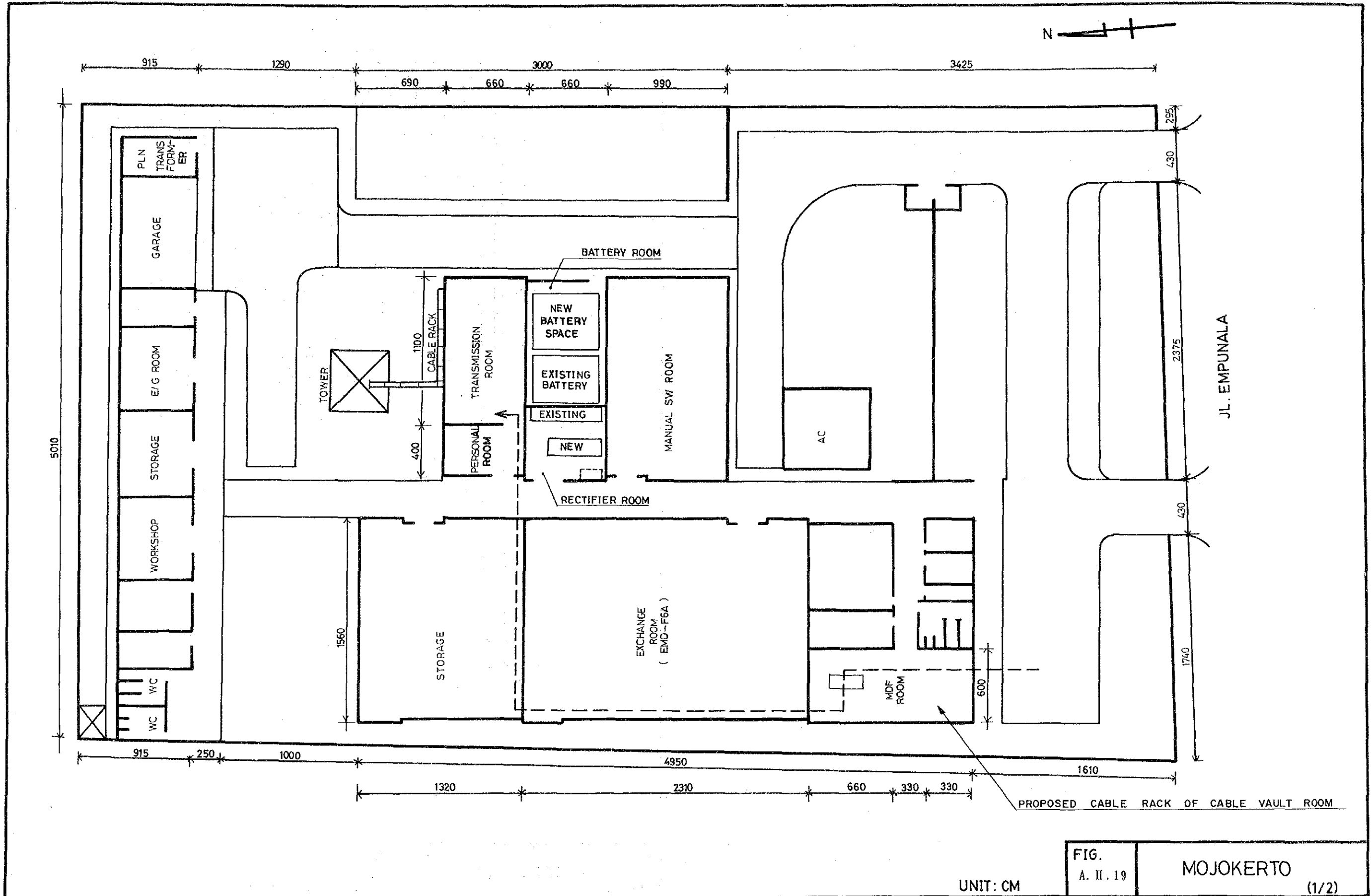


FIG. A. II. 19  
 MOJOKERTO (1/2)

UNIT: CM

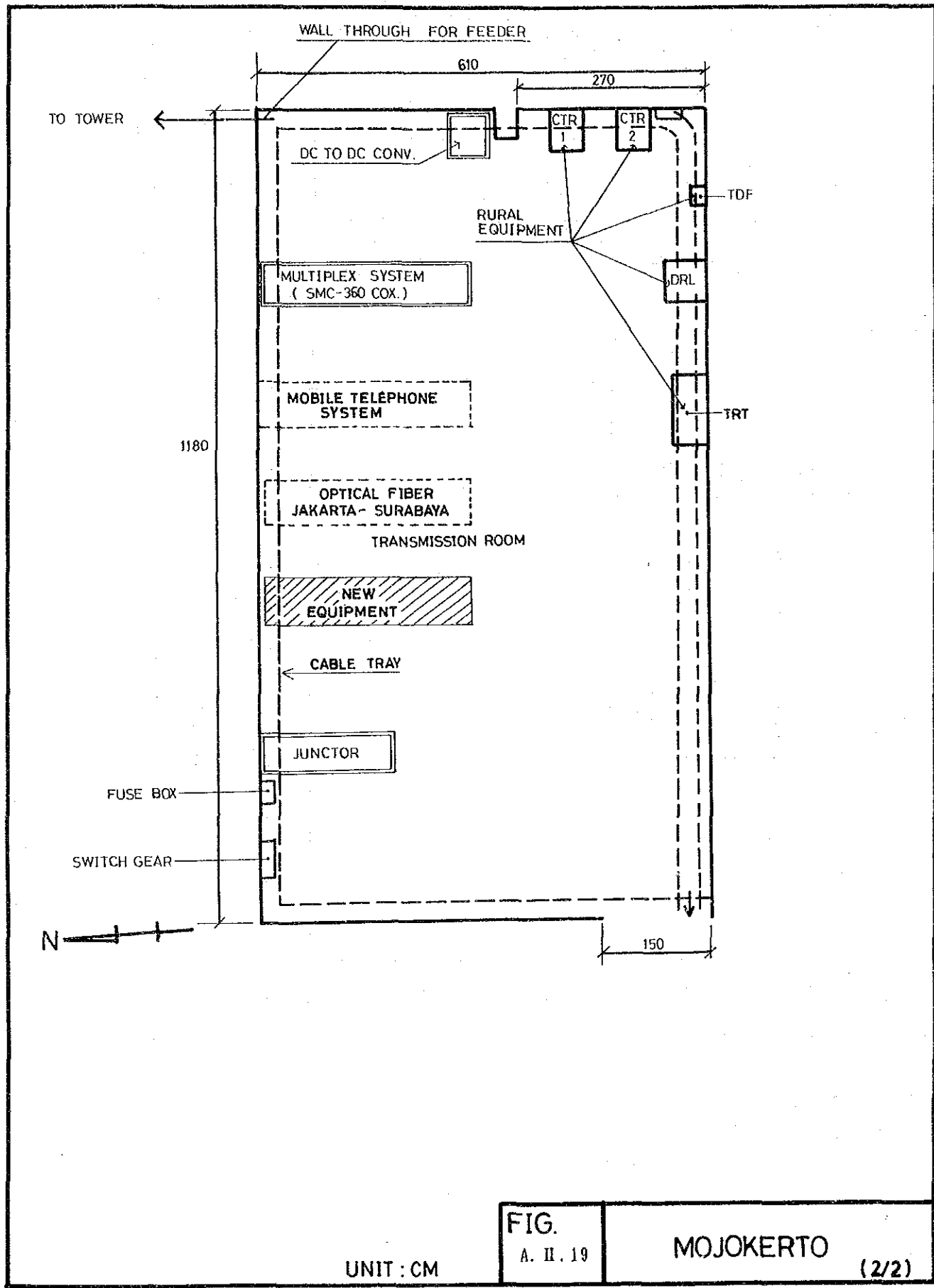


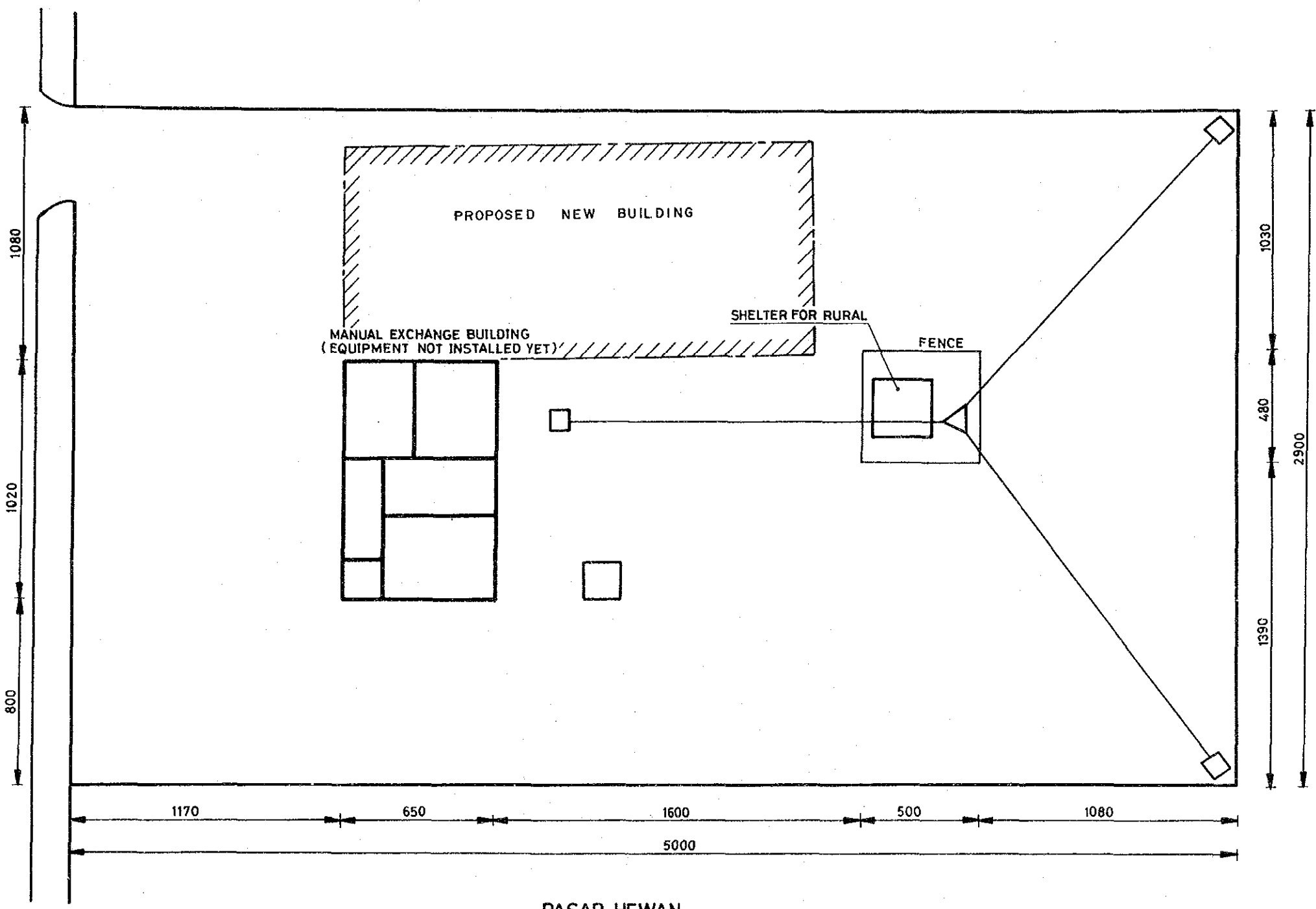
FIG. A. II. 19 MOJOKERTO (2/2)

UNIT : CM



TO KRIAN

JL. PEMUDA



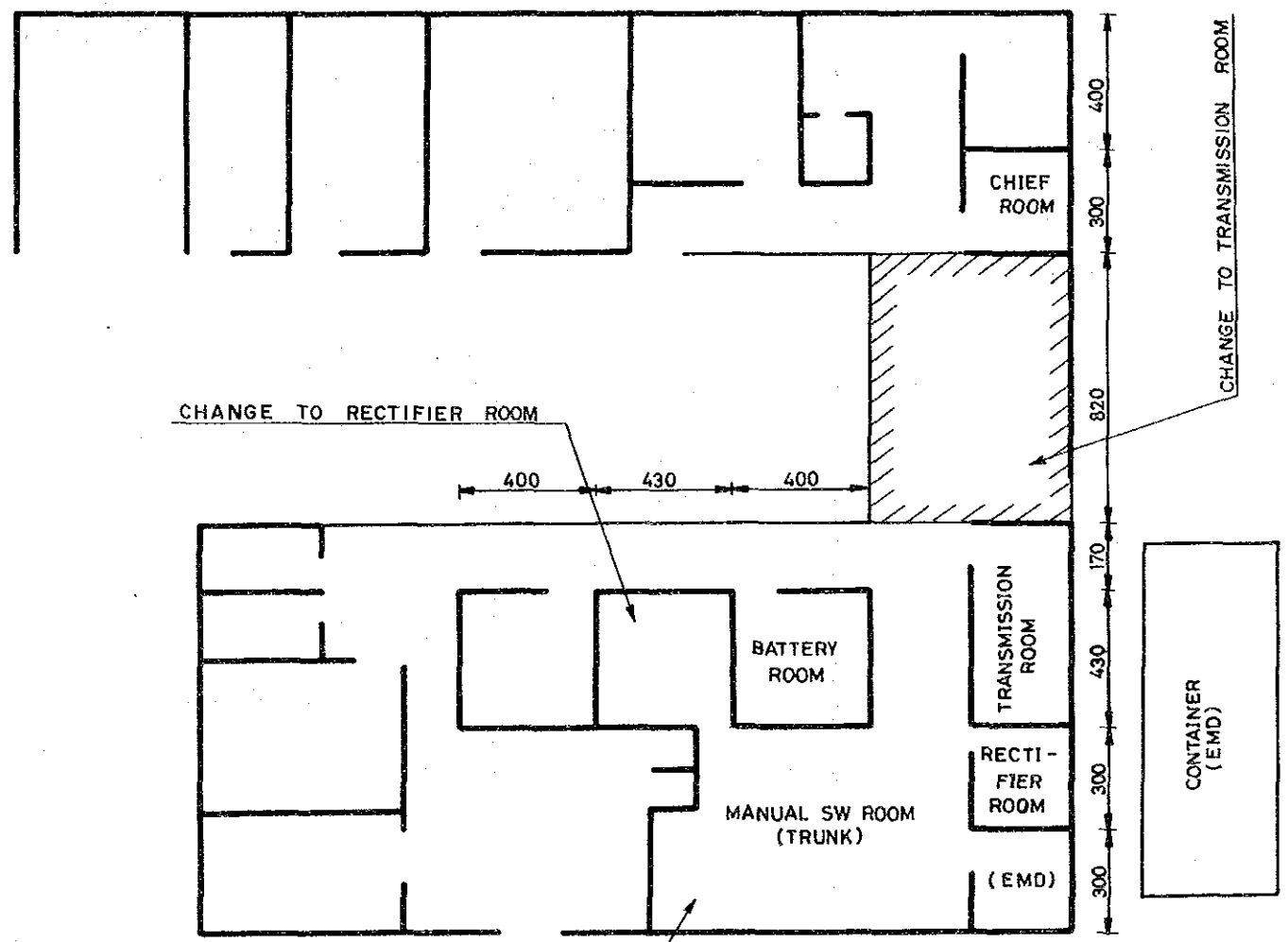
PASAR HEWAN

UNIT : CM

FIG. A. II. 20	MOJOSARI
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500 300 400 600 500 180 290 330



940 300

MODIFICATION FOR STDI AND MDF ROOM

UNIT : CM

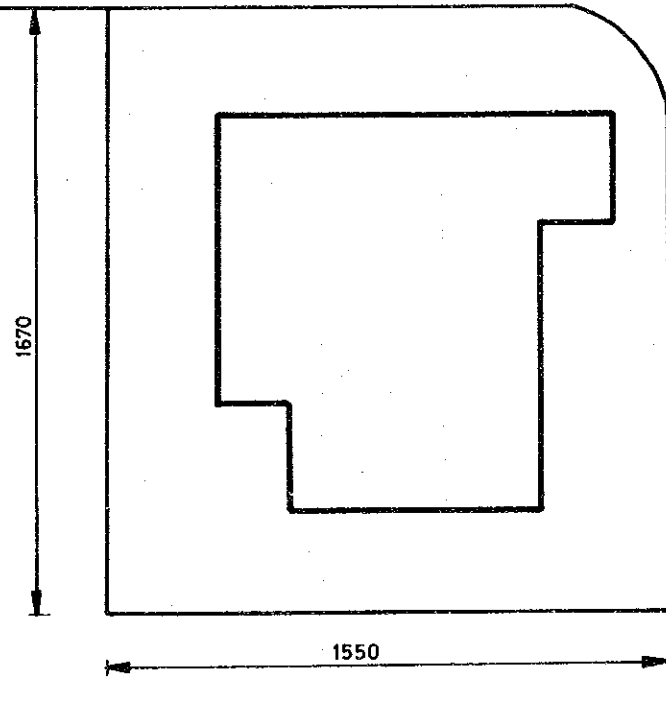
FIG.  
A. II. 21

JOMBANG



JL. RAYA MOJOAGUNG

← TO JOMBANG



↑ TO WONOSALAM

JL. A. YANI

UNIT: CM

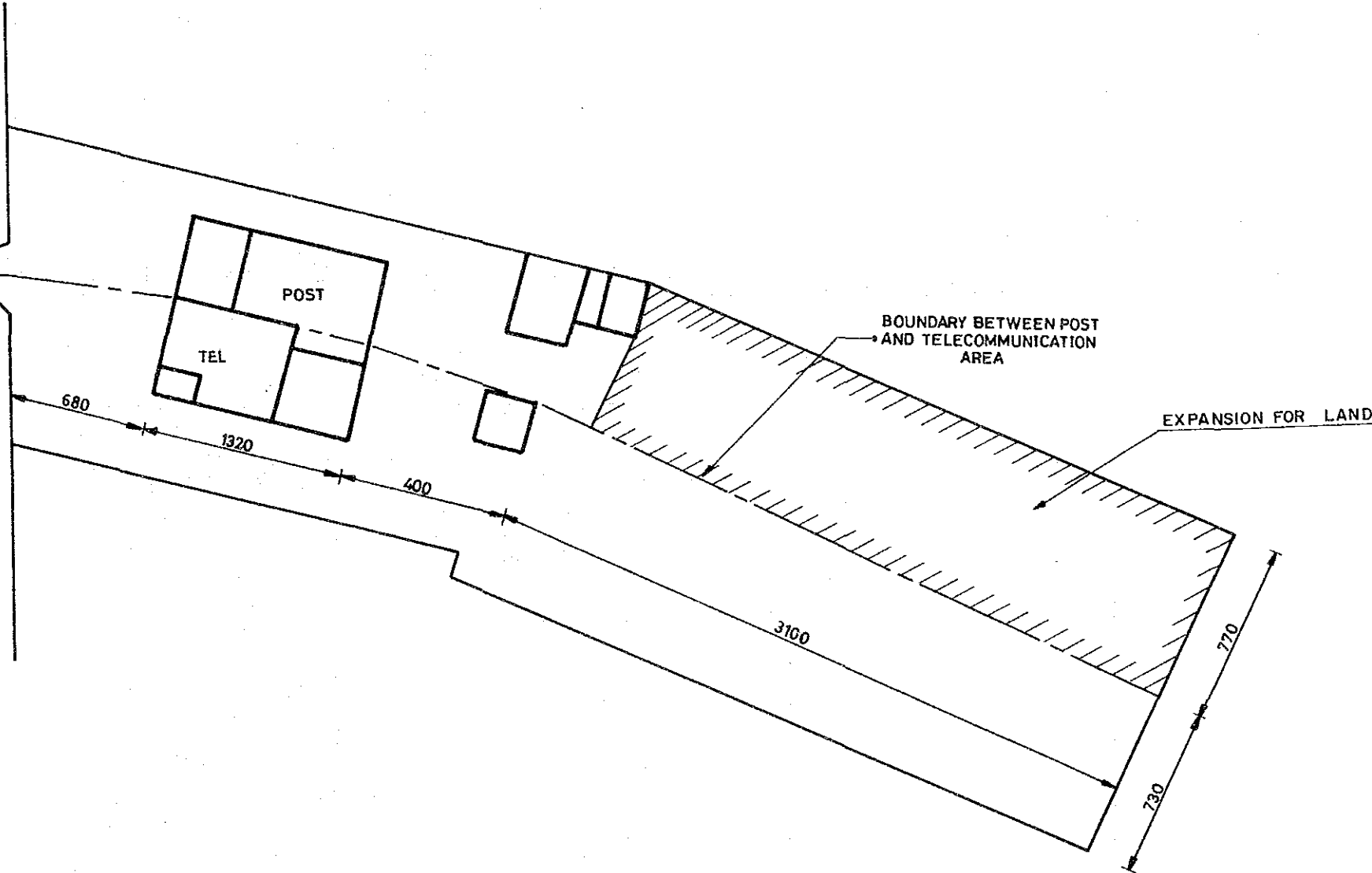
FIG.  
A. II. 22

MOJOAGUNG



JL. RAYA PLOSO

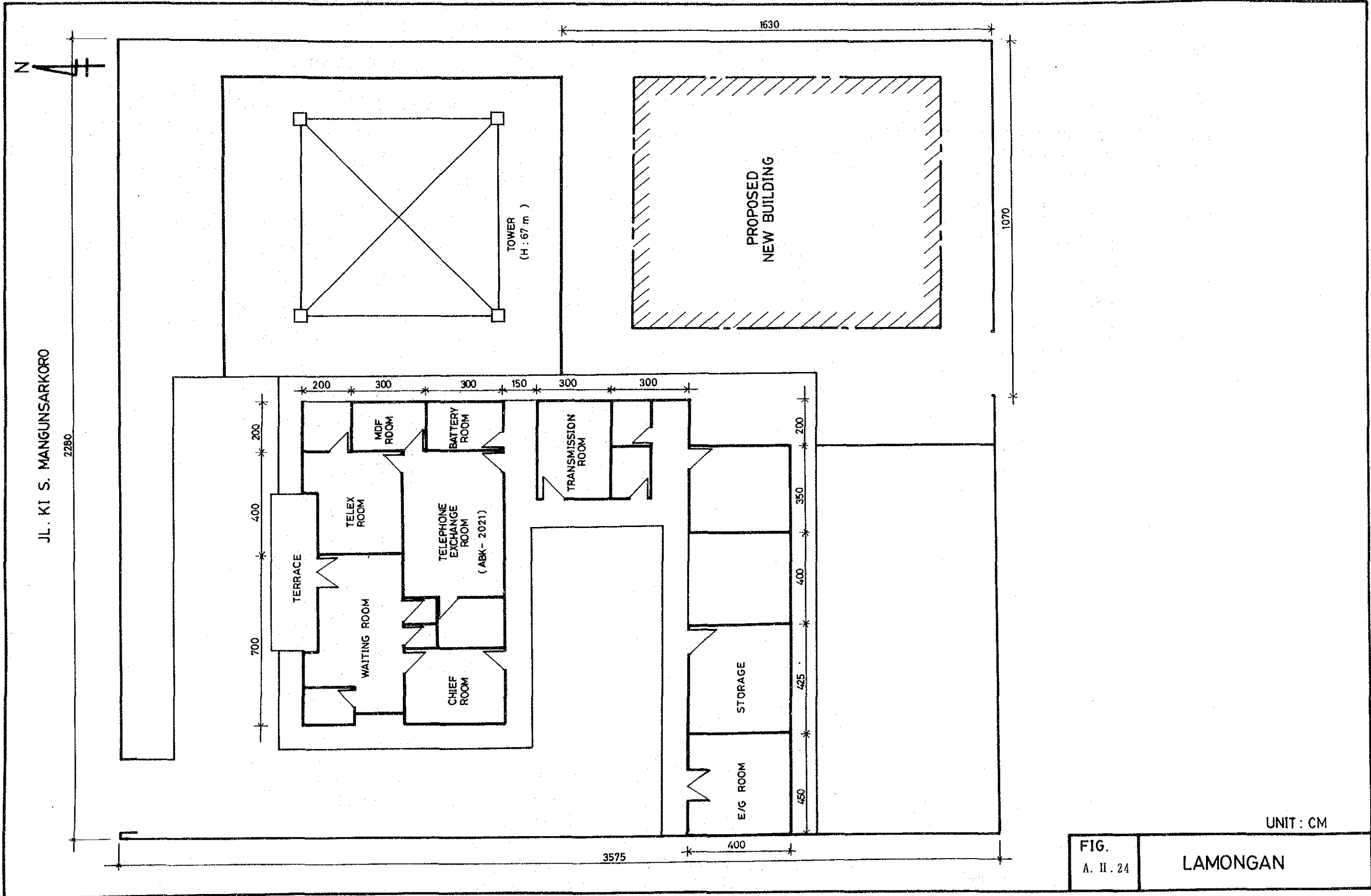
TO JOMBANG



UNIT: CM

FIG.  
A. II. 23

PLOSO



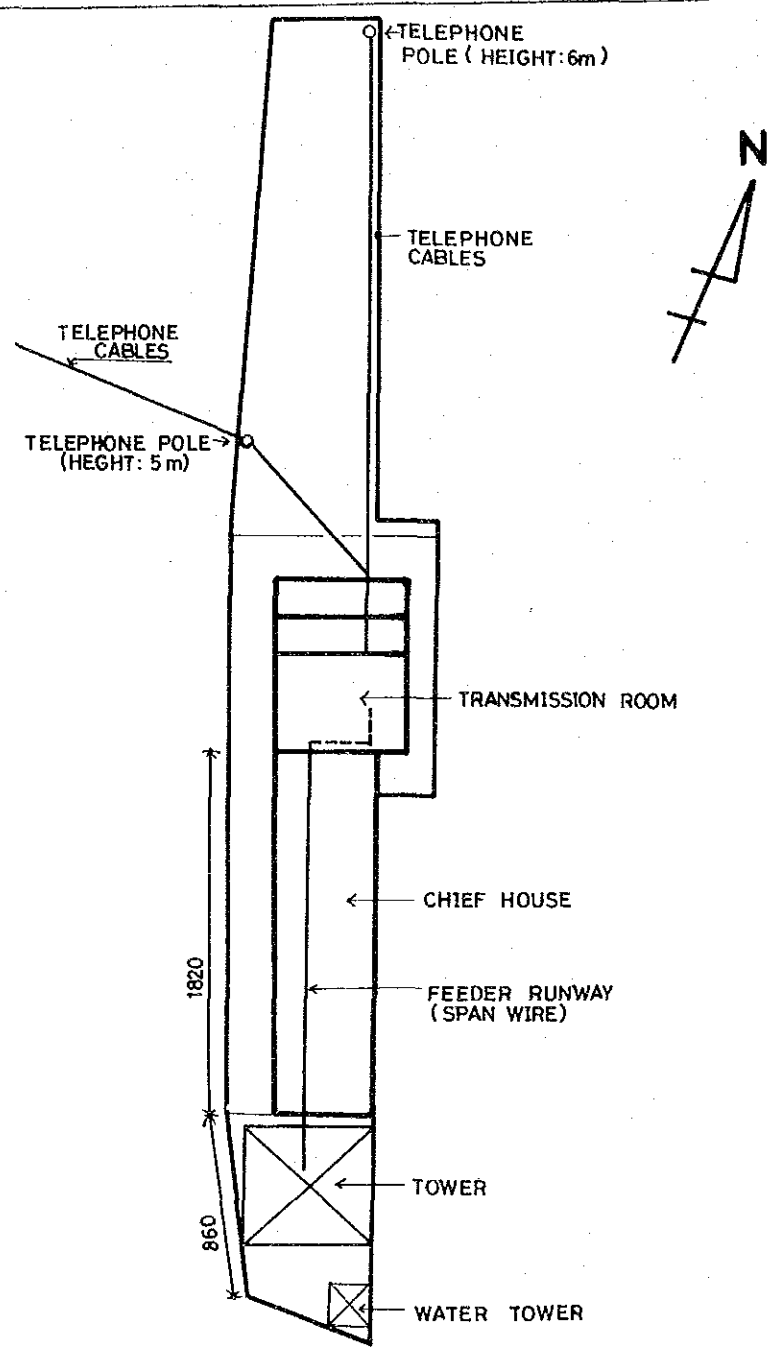
UNIT : CM

FIG.  
A. II. 24

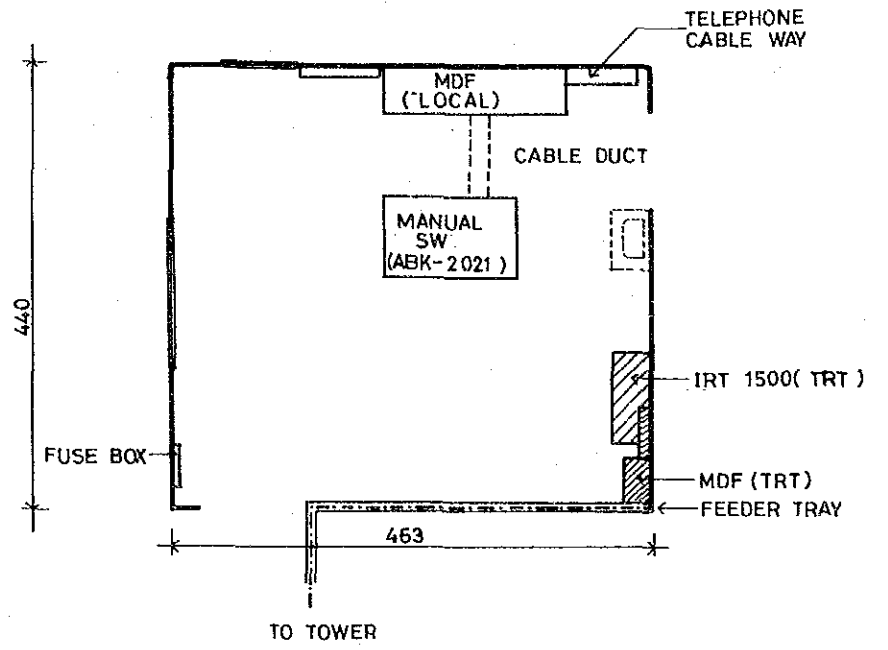
LAMONGAN



JL. RAYA (BABAT) TO LAMONGAN →



SITE LAYOUT



TRANSMISSION ROOM

UNIT : CM

FIG.  
A. II. 25

BABAT



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LIB