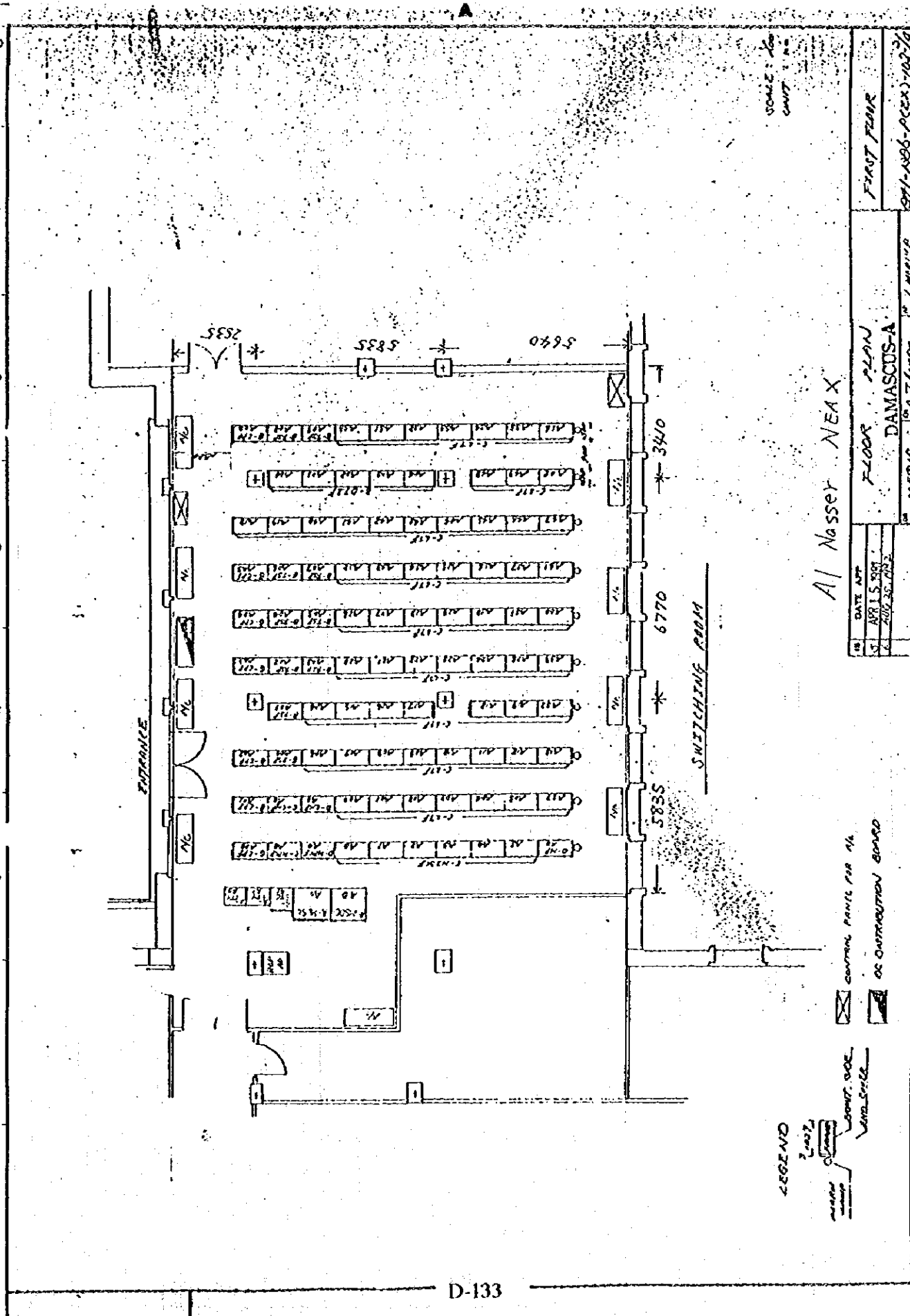


D-10

Floor Plan (Switching)





Al Nasser NEAX

SCALE: 1/8" = 1'-0"

DATE: APR 15 1967

BY: [signature]

FLOOR PLAN

DAMASCUS-A

SYRIA

971-1006-PEEX-10076

COMMON PANEL PER 1A

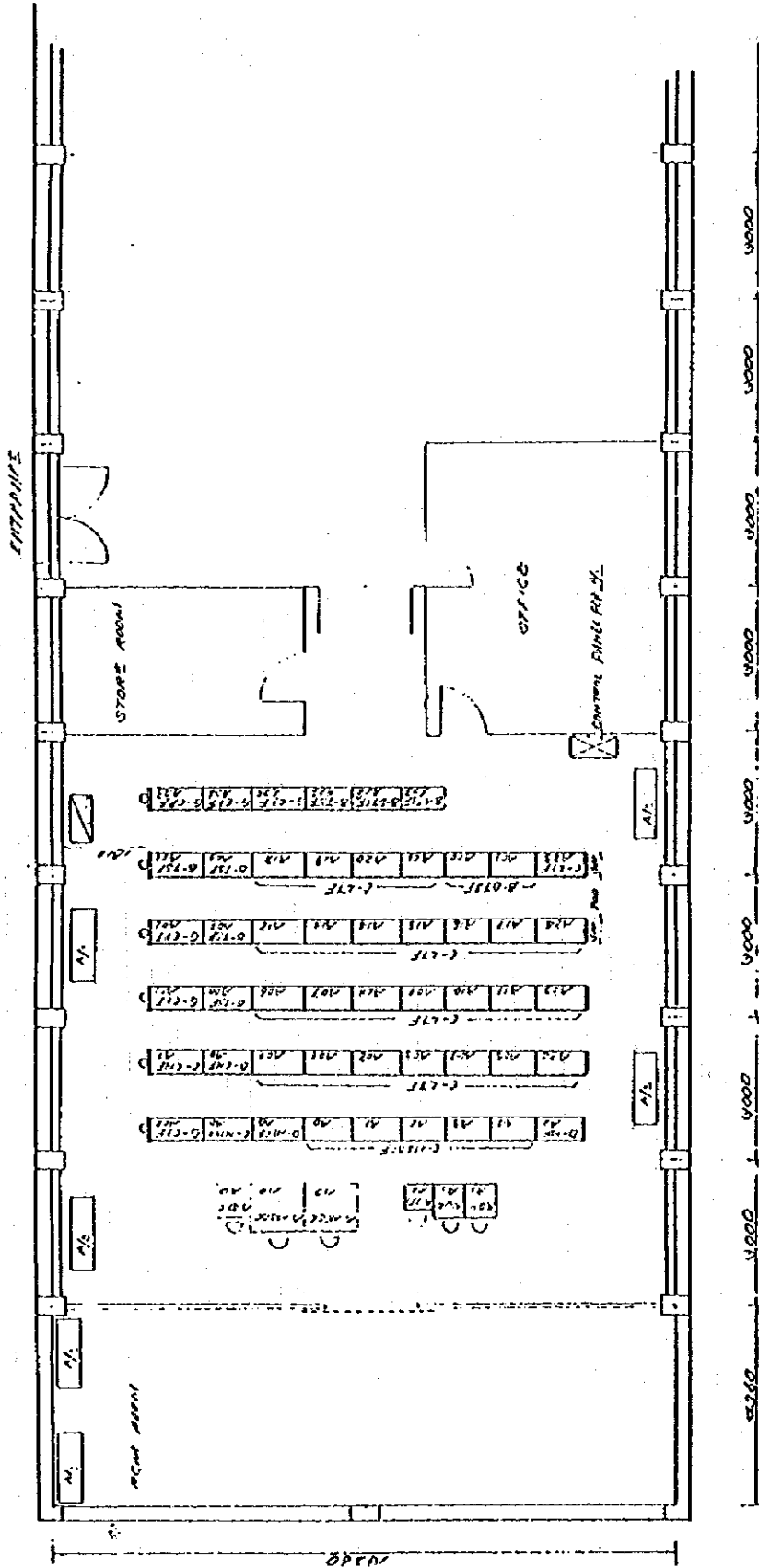
AC DISTRIBUTION BOARD

WALL

DOOR

COURT. DOOR

VAND. SCALE



SCALE: 1/80  
UNIT: mm

Bagdad NEAX

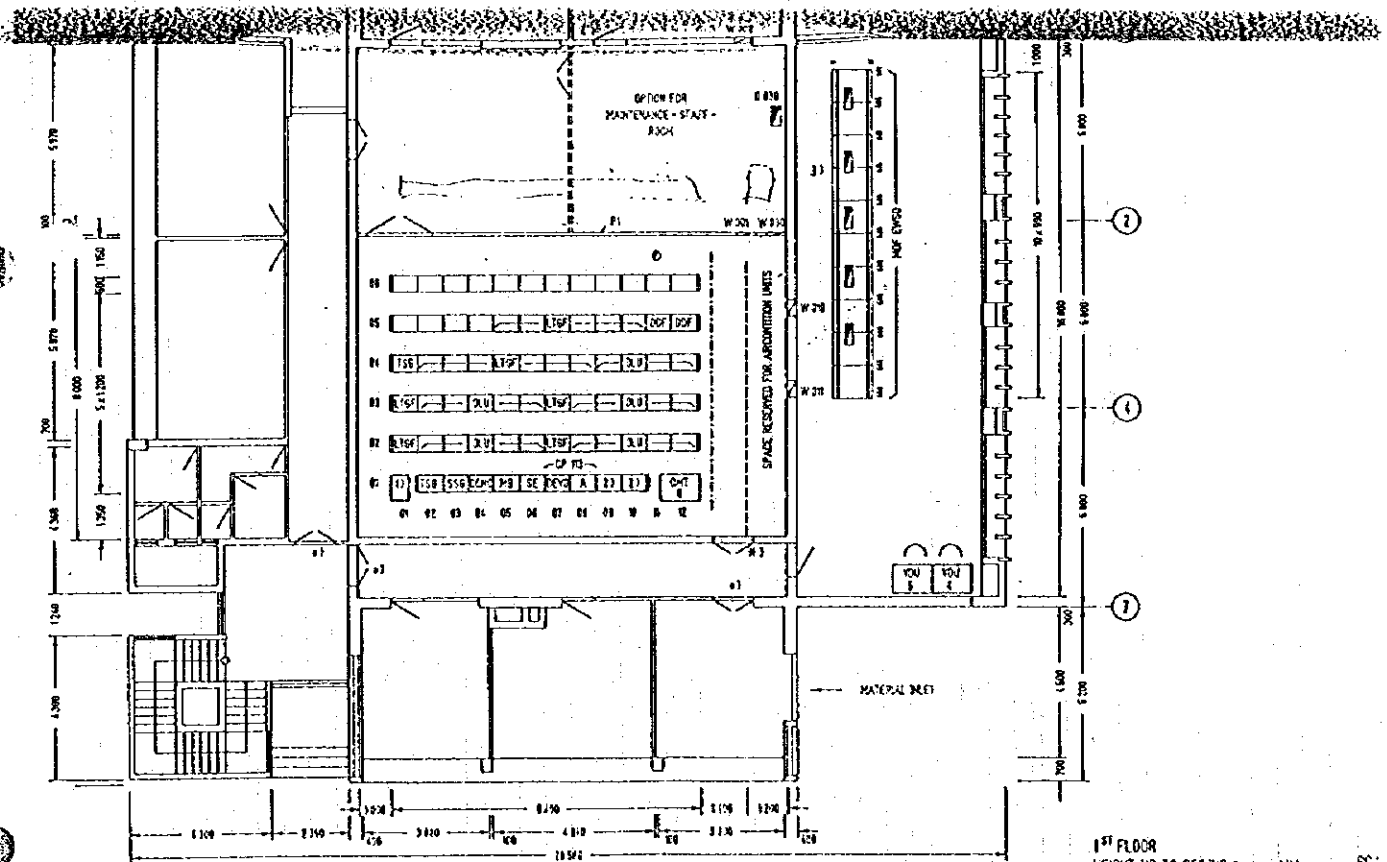
SECOND FLOOR	
FLOOR PLAN	
DAMASCUS-C3	
DATE	APR 1951
BY	HTS 155
NO.	4 JUL 10 1953
BY	ME/SIC
NO.	1-3388
NO.	1-3388

---SUSPENDING RAIL---

LEGEND  
 [Symbol] WALL  
 [Symbol] FLOOR  
 [Symbol] DOOR  
 [Symbol] WINDOW  
 [Symbol] CANTON PINE 41 1/2

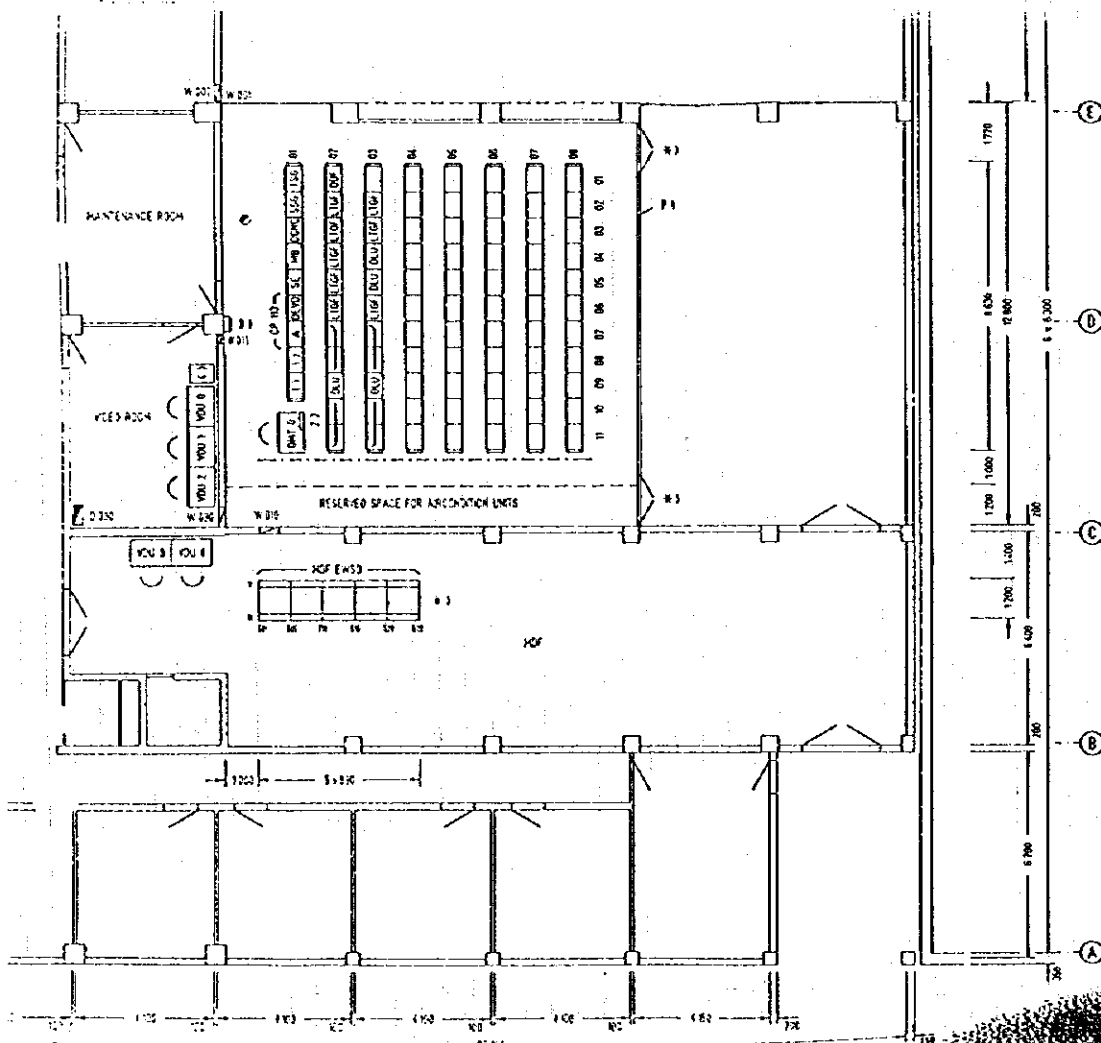
OC NUMBER DISTRIBUTION BOARD

117 sq ft  
13m



1<sup>ST</sup> FLOOR  
HEIGHT UP TO CEILING 7'-10 1/4" SCF

1	W U	W 1132	752	1000	BRK	DA-CASCOUS K
2	W U	W 1132	752	1000	PRGR	KAPRSOUSEE
3	W U	W 1132	752	1000	BT 10 B	SVRA / S. E. E.
4	W U	W 1132	752	1000		EWSD LX
5	W U	W 1132	752	1000		LP
Siemens AG						A39358 - 0114 - A2 - 4-71

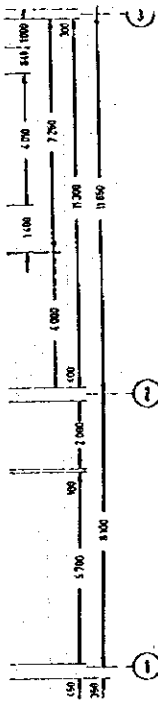
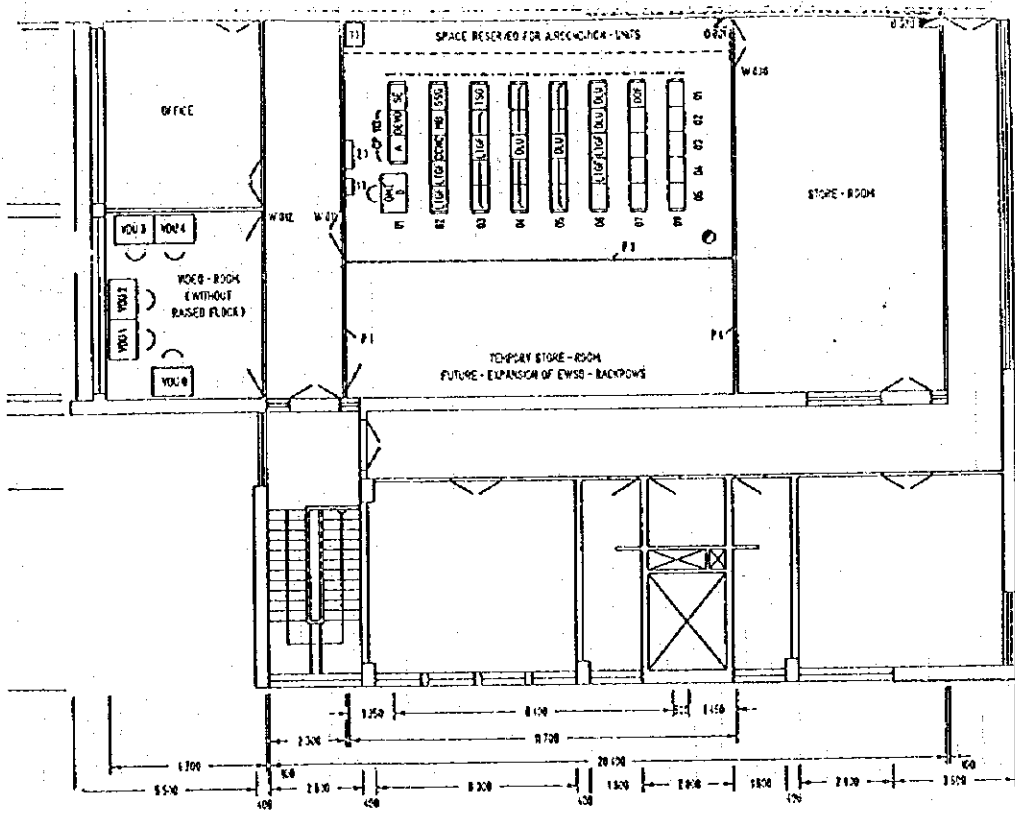


W 201 WALL BREAK THROUGH TO  
 830 x 300 MM, UP TO THE LD  
 W 204 WALL BREAK THROUGH TO 1F  
 200 x 300 MM, FLOOR LEVEL  
 W 203 WALL BREAK THROUGH TO 2F  
 830 x 300 MM, UP TO THE LD

D 202 BOTTOM BREAK THROUGH TO  
 830 x 300 MM

FIRST BASEMENT  
 HEIGHT UP TO THE CEILING: \_\_\_\_\_ MM SCALE 1 : 100

№	NAME	DATE	BY	CHKD	APPV
1	М.А.Т.	12.01.82	А.С.С.	М.А.Т.	М.А.Т.
2	М.А.Т.	28.01.82	А.С.С.	М.А.Т.	М.А.Т.
3	М.А.Т.	18.02.82	А.С.С.	М.А.Т.	М.А.Т.
4	М.А.Т.	18.02.82	А.С.С.	М.А.Т.	М.А.Т.
			Stiemens AG		
			DAMASCUS O		
			DOUJAR		
			SYRIA / S. T. E.		
			EWSD LX		
			L.P.		
			A39306 - 0 X2 - A 2 - H - 7833		



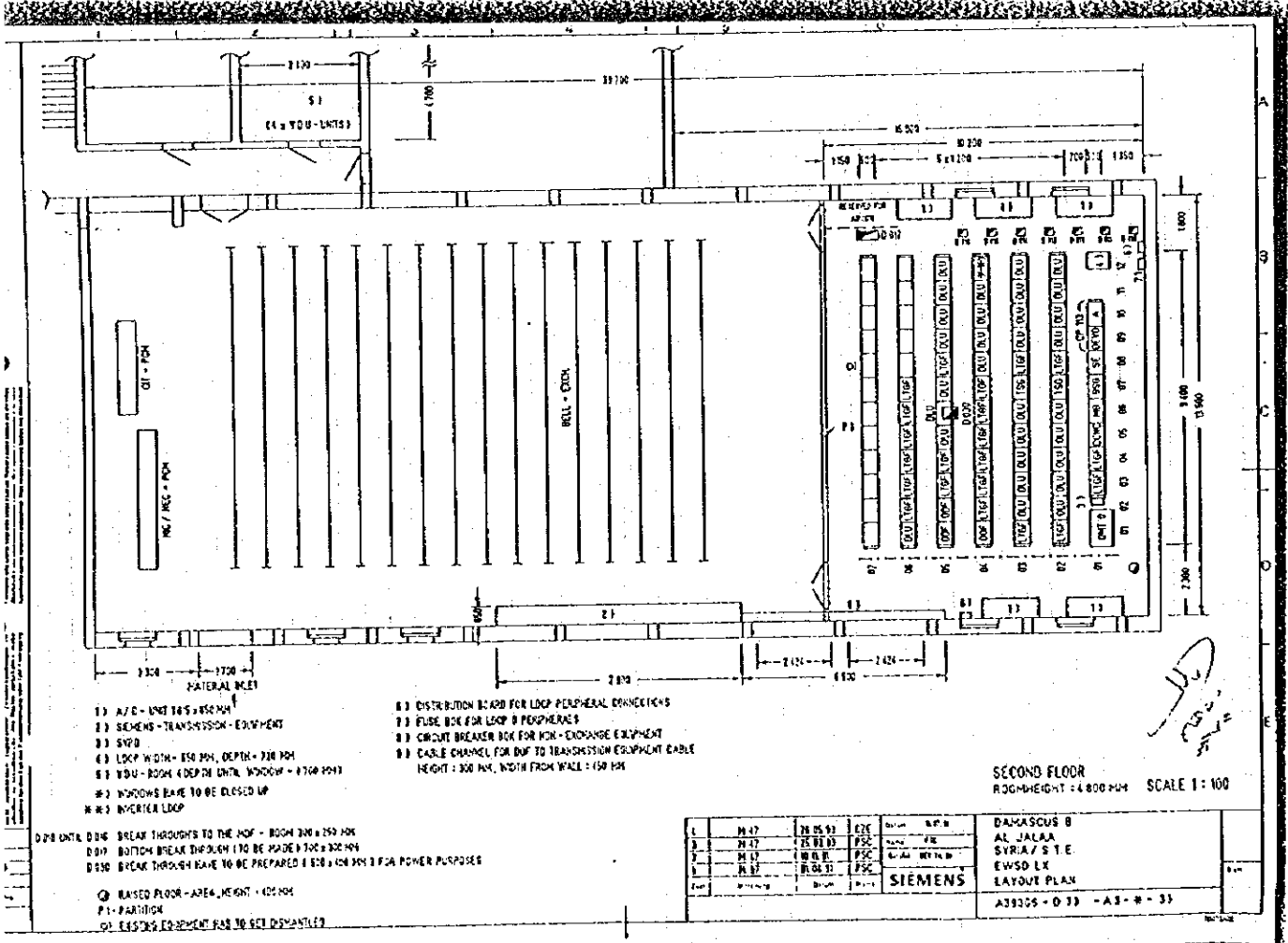
AREA, HEIGHT 420 MM  
 50 MM, DEPTH = 710 MM  
 18 MOTOR EFFUSE WEA

- W10 WALL - BREAK THROUGH TO REACH 900 MM x 300 MM (FLOOR-LEVEL)
- W11 - W12 WALL - BREAK THROUGH TO THE VOID-ROOM 300 x 250 MM UP TO LOWER EDGE 250 MM
- W13 WALL - BREAK THROUGH TO THE REACH ROOM 100 x 300 MM, UP TO THE LOWER EDGE - 250 MM
- B 20 BOTTOM - BREAK THROUGH TO THE TRANSMISSION-EQUIPMENT 400 x 300 MM
- B 10 BOTTOM - BREAK THROUGH TO THE POP-ROOM 600 x 300 MM
- B 30 BOTTOM - BREAK THROUGH TO THE RECTIFIER-ROOM 600 x 300 MM

1<sup>ST</sup> BASEMENT  
 HEIGHT UP TO THE BEAMS : 2250 MM SCAL

1	M.17	20.01.83	230	Siemens AG	DAMASCUS B 3
2	M.17	20.06.82	230	Siemens AG	MUHAJEREEN
3	M.17	12.08.82	230	Siemens AG	SYRIA / S. T. E
4	M.17	15.01.82	230	Siemens AG	EWSD LY
5					LP

A39306 - 0 98 - A 3 - 4 - 20



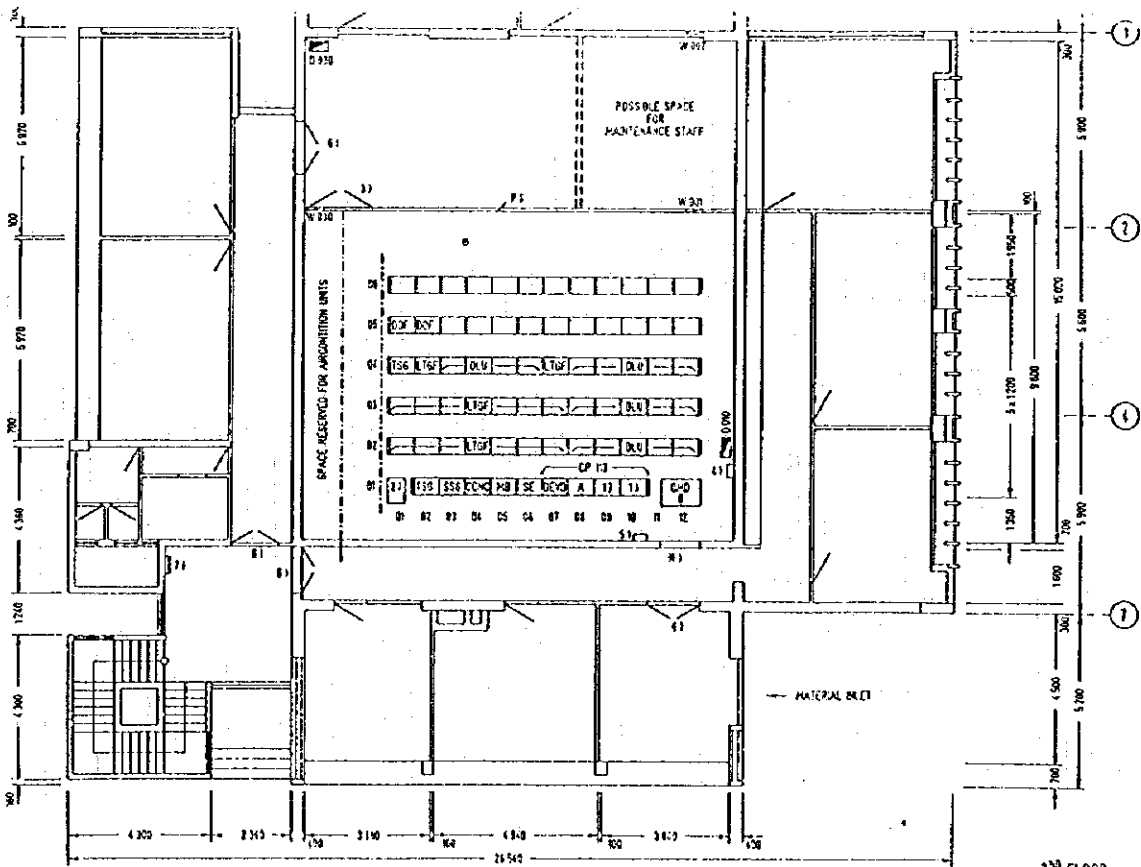
- 1) A/C - UNIT 145 x 850 MM
- 2) SIEMENS - TRANSMISSION EQUIPMENT
- 3) SWP
- 4) LOOP WIDTH - 850 MM, DEPTH - 210 MM
- 5) ROOM - ROOM 4 DEPTH UNTIL WINDOW - 1700 MM
- 6) WINDOWS HAVE TO BE CLOSED UP
- 7) INVERTER LOOP
- 8) DISTRIBUTION BOARD FOR LOOP PERIPHERAL CONNECTIONS
- 9) FUSE BOX FOR LOOP PERIPHERALS
- 10) CIRCUIT BREAKER BOX FOR NON-CHARGE EQUIPMENT
- 11) CABLE CHANNEL FOR DUP TO TRANSMISSION EQUIPMENT CABLE  
HEIGHT : 300 MM, WIDTH FROM WALL : 150 MM

SECOND FLOOR  
ROOM HEIGHT : 4.800 MM SCALE 1 : 100

- D28 UNTIL D26 BREAK THROUGH TO THE ROOF - ROOM 200 x 250 MM
- D29 BUTTOM BREAK THROUGH TO BE MADE 1700 x 300 MM
- D30 BREAK THROUGH HAVE TO BE PREPARED 1 850 x 100 MM FOR POWER PURPOSES
- Q - RAISED FLOOR - AREA HEIGHT : 100 MM
- P1 - PARTITION
- Q1 - ELECTRICAL EQUIPMENT HAS TO BE DEMANTLED

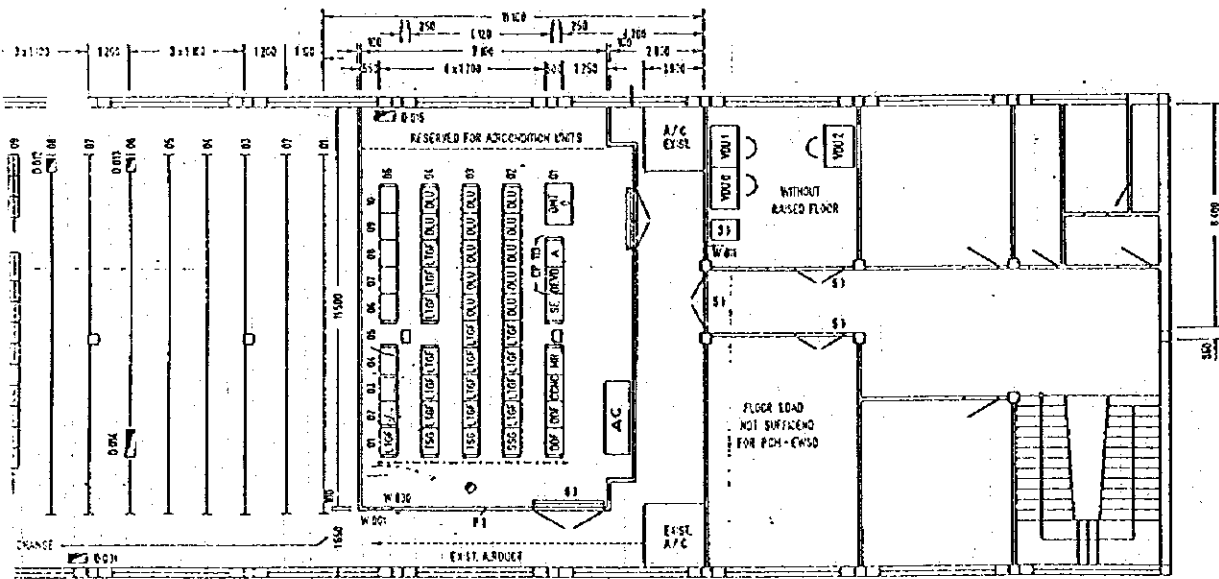
1	M 47	28 05 51	EZE	SIEMENS	AL JALAA
2	M 47	25 01 03	PSC	AL JALAA	SYRIA / S.T.E.
3	M 47	08 08 08	PSC	AL JALAA	EWSD LX
4	M 47	16 04 31	PSC	AL JALAA	LAYOUT PLAN
<b>SIEMENS</b>					A38325 - 0 33 - A3 - N - 33





2<sup>ND</sup> FLOOR  
HEIGHT UP TO CEILING = 3.300 MM

1	M. 07	12.01.91	PSC	100	100	DAMASCUS H 2
2	M. 07	24.01.91	PSC	100	100	BAB CHARKI
3	M. 07	08.01.91	PSC	100	100	SYRIA / S. T. E
4	M. 07	28.01.91	PSC	100	100	EN-SD LK
Siemens AG						LP
						A33306 - D-107 - A 3 -

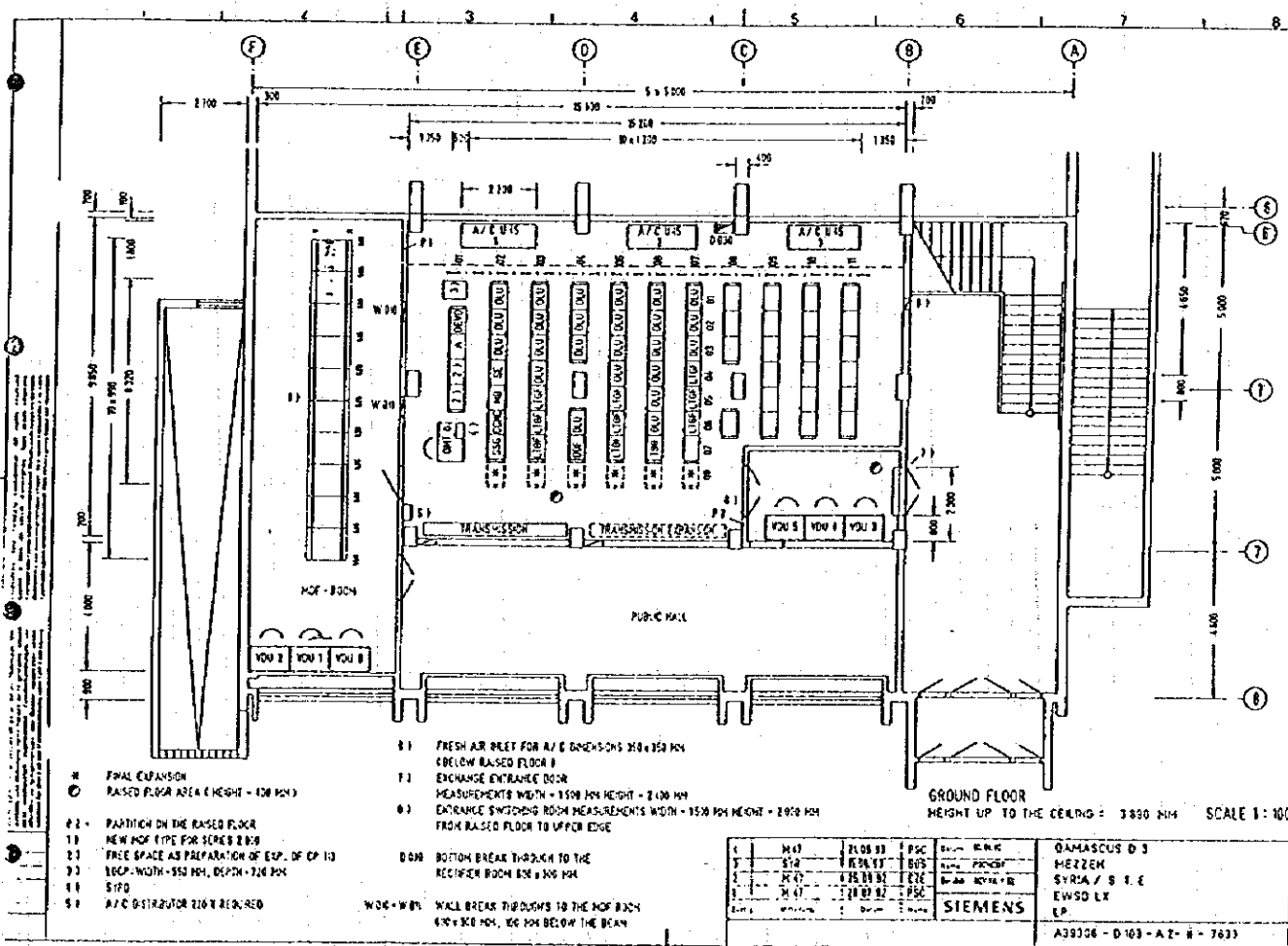


- 1-013 BOTTOM BREAK - THROUGH END TO THE PCF - ROOM
- 1-014 BOTTOM BREAK - THROUGH END TO THE MECH - ROOM
- 1-015 BOTTOM BREAK THROUGH ENDS TO THE PCF - ROOM 400x300 MM
- 1-016 BOTTOM BREAK - THROUGH END TO THE RECEPTION - ROOM
- 1-017 BOTTOM BREAK THROUGH ENDS FOR POWER - CABLE 400x300 MM
- 1-018 WALL BREAK - THROUGH FOR TRANSMISSION - CABLE 400x300 MM (UP TO THE LOWER EDGE 2500 MM)
- 1-019 WALL BREAK - THROUGH FOR LOOP - CABLE 200x50 MM (UP TO THE LOWER EDGE 2500 MM)
- 1-020 WALL BREAK THROUGH 400x300 FOR POWER CABLE ENDS (UP TO THE LOWER EDGE 2500 MM)

**FIRST FLOOR**  
 ROOM HEIGHT: 4.854 MM  
 UP TO THE BEAM: 4.950 MM  
 UP TO THE ARCHIT: 3.900 MM

SCALE 1:100

1	MEU	11.06.87	250	Siemens AG	DAMASCUS D2 MEZZEH SYRIA / S. T. E. EWSD LX LP	DWG 01
2	MEU	22.06.87	250	Siemens AG		
3	MEU	15.01.87	250	Siemens AG		
A39306 - D 87 - A 3 - R - 7633						



- 14 FINAL EXPANSION
- 15 RAISED FLOOR AREA (HEIGHT - 100 MM)
- 16 PARTITION ON THE RAISED FLOOR
- 17 NEW HOF TYPE FOR SCREENS 2100
- 18 FREE SPACE AS PREPARATION OF EXP. OF EP 13
- 19 LOOP - WIDTH - 550 MM, DEPTH - 720 MM
- 20 SIFD
- 21 A/C DISTRIBUTOR 2100 REQUIRED

- 01 FRESH AIR BUILT FOR A/C DIMENSIONS 210 x 150 MM (BELOW RAISED FLOOR)
- 02 EXCHANGE ENTRANCE DOOR MEASUREMENTS WIDTH - 1550 MM HEIGHT - 2100 MM
- 03 ENTRANCE ENTRING ROOM MEASUREMENTS WIDTH - 1550 MM HEIGHT - 2050 MM FROM RAISED FLOOR TO UPPER EDGE

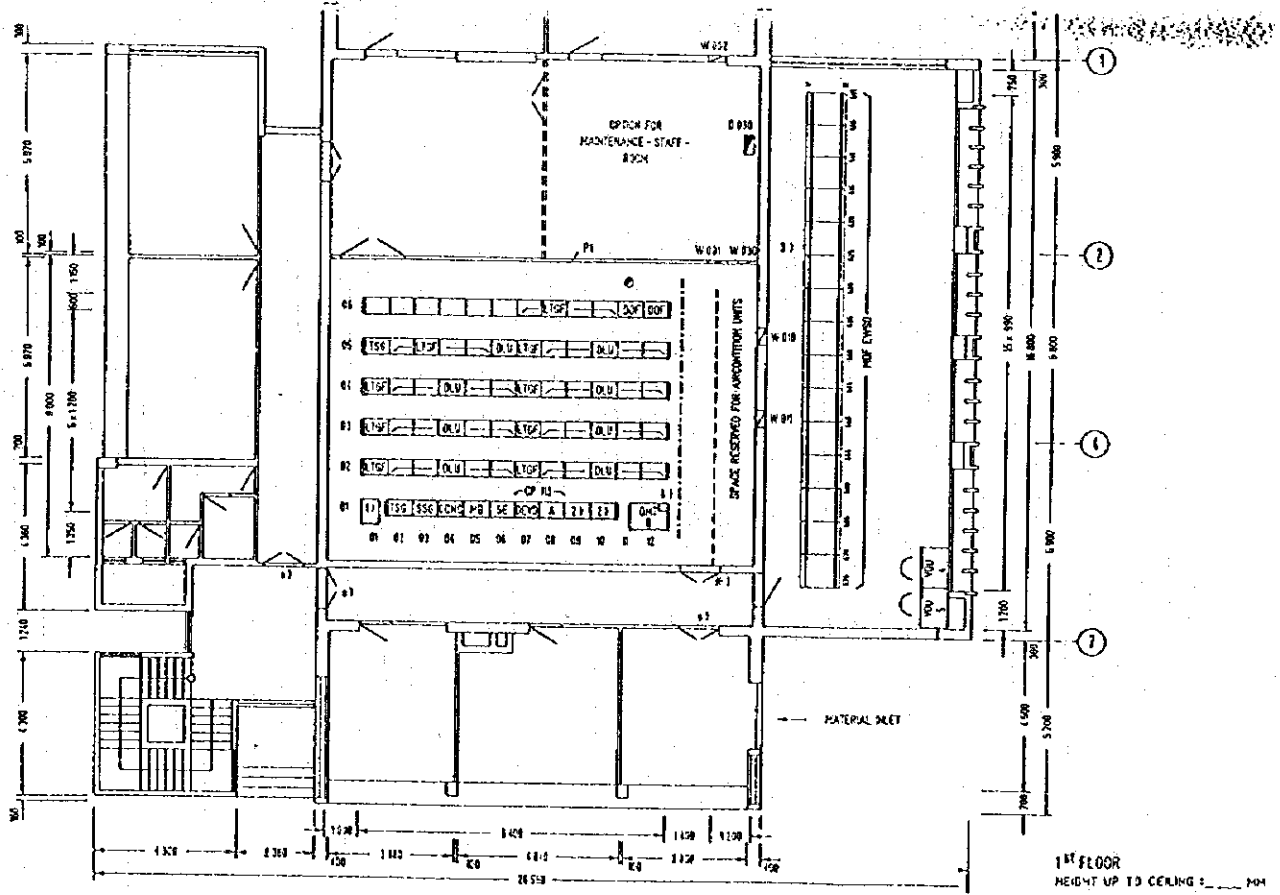
04M BOTTOM BREAK THROUGH TO THE RECIPIER ROOM 820 x 200 MM

WAK - WBL WALL BREAK THROUGH TO THE HOF ROOM 620 x 800 MM, 150 MM BELOW THE BEAM

GROUND FLOOR  
HEIGHT UP TO THE CEILING - 3800 MM SCALE 1:100

1	M43	2100 03	PSC	SIEMENS	DAMASCUS D 3
2	S14	820 03	BES	SIEMENS	MEZZEN
3	M 07	420 03	ESC	SIEMENS	SYRIA / S I E
4	M 07	2100 02	PSC	SIEMENS	EWSD LX
					EP
					A39326 - D 103 - A2 - H - 7633

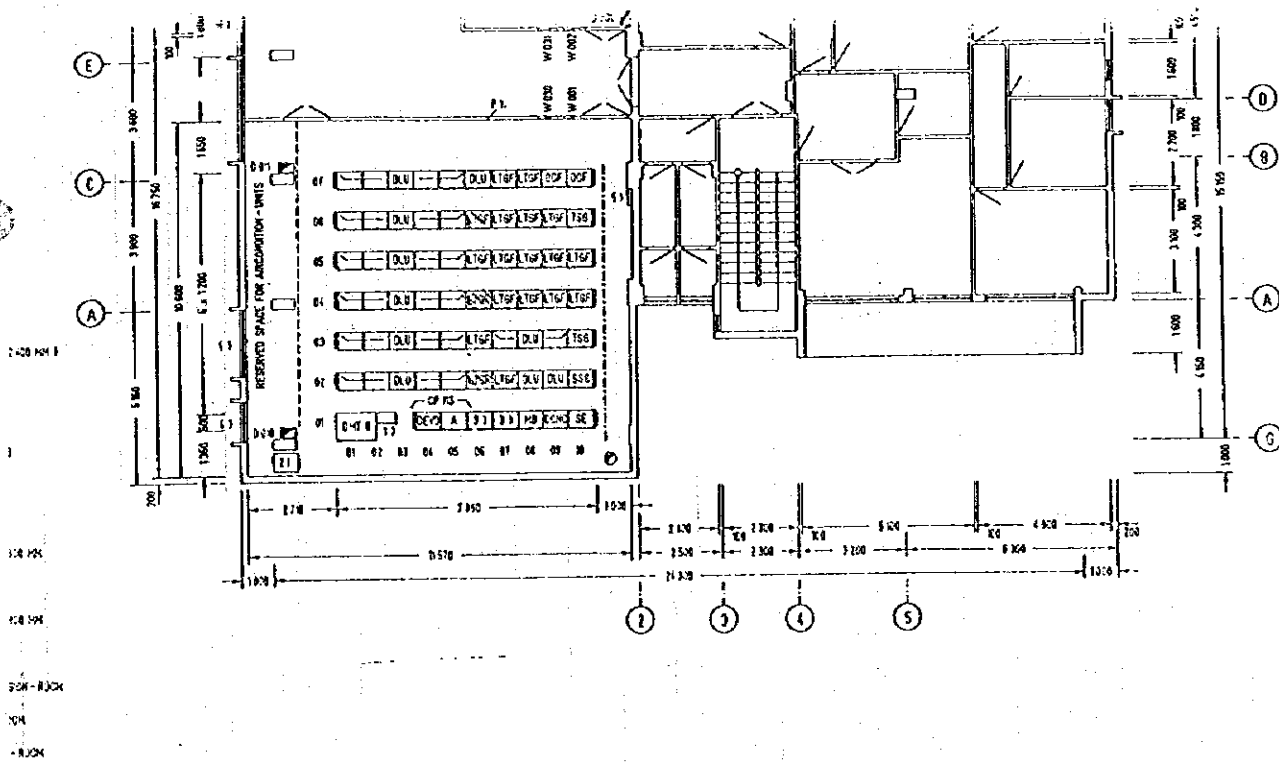
CP 103



1<sup>ST</sup> FLOOR  
HEIGHT UP TO CEILING: 3.04

NO.	DATE	BY	REVISION
01	07.01.83	YSC	
02	01.03.83	YSC	
03	05.01.82	YSC	

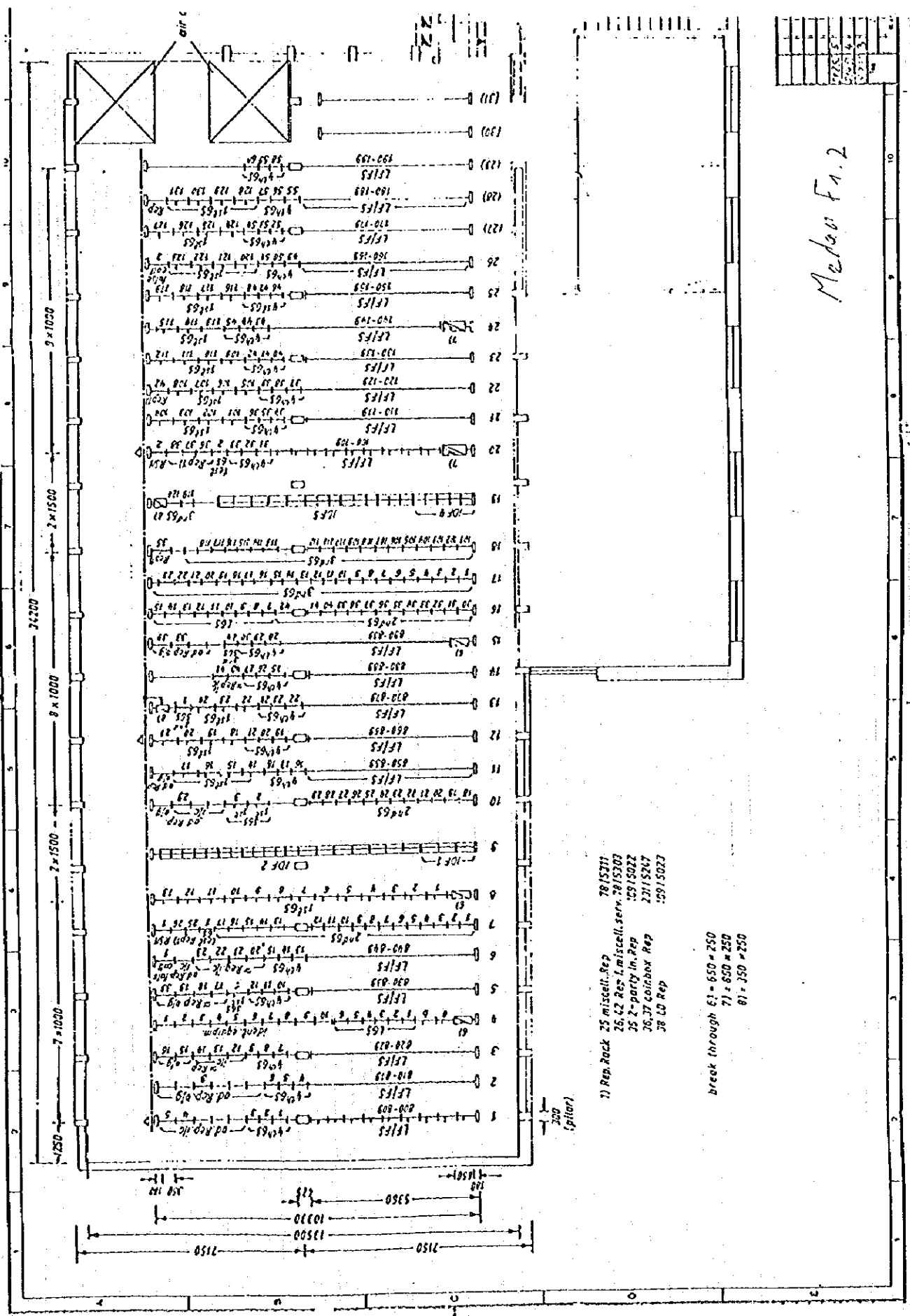
Drawn	YSC	DAMASCUS L I
Checked	YSC	YARMOUK
Approved	YSC	SYRIA / S. I. E
Scale	1:50	EW-50 LX
Project		LP
Client		A39308 - 0115 -



1<sup>ST</sup> FLOOR  
 HEIGHT UP TO CEILING: ~ 4.00  
 HEIGHT UP TO BEAM: ~ 5.00

1	MAZ	22.01.92	PSC	DATE	DAMASCUS
2	MAZ	24.01.92	PSC	DESIGN	BERZEN
3	MAZ	25.01.92	PSC	DATE	SYRIA / S
4					EWSD LX
				Siemens AG	LP
					A33308 - 010

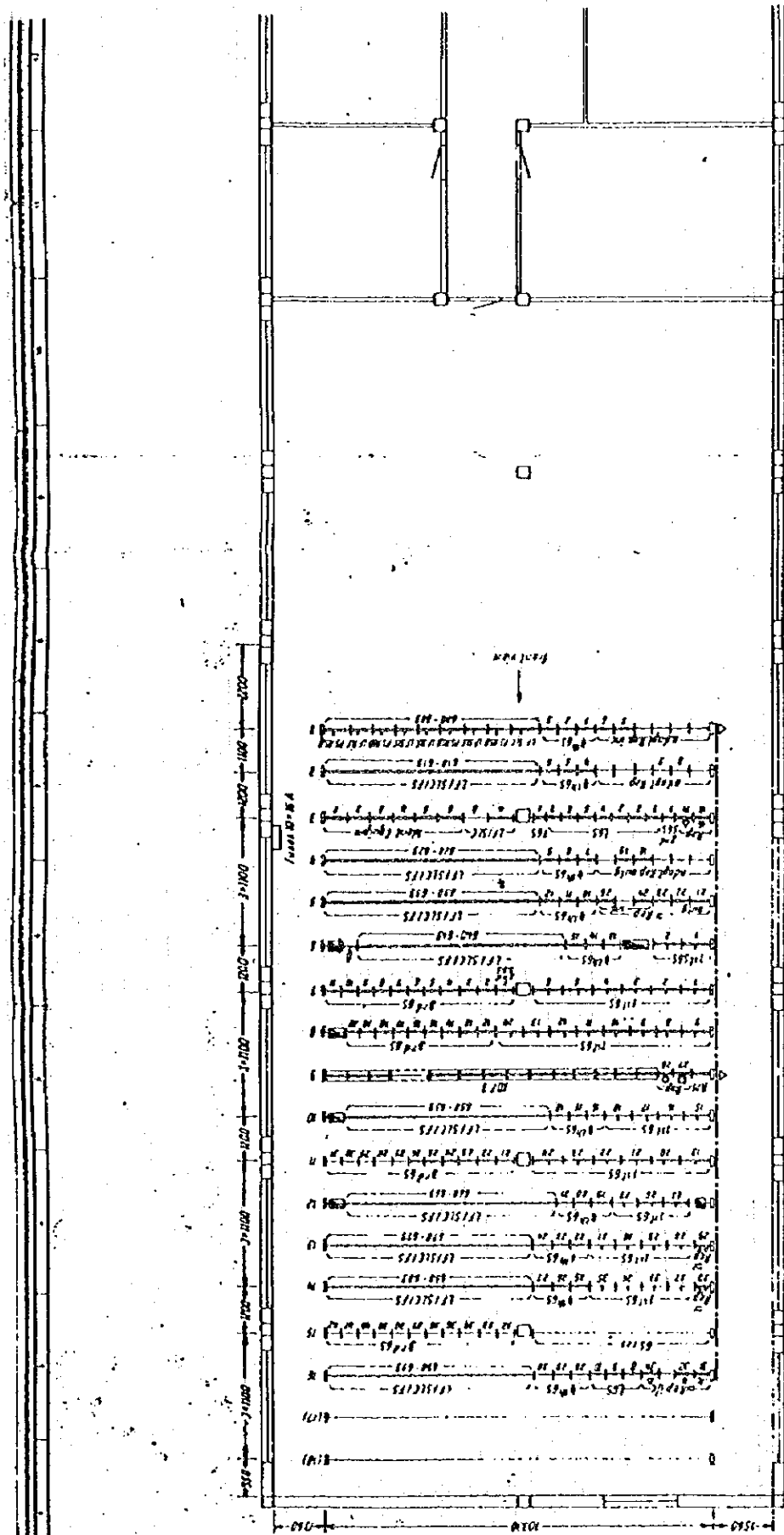




Medan F1.2

- 71 Rep. Rack 25 miscell. Rep 28 15371
- 78 15371
- 26.42 Rep. I. miscell. serv. 28 15303
- 35 2-party in. Rep 28 15022
- 36.37 Coibox Rep 22 15247
- 38 LO Rep 25 15027

break through 61 = 650 = 250  
 71 = 650 = 250  
 81 = 750 = 250



Miegeln 21 (EMD)

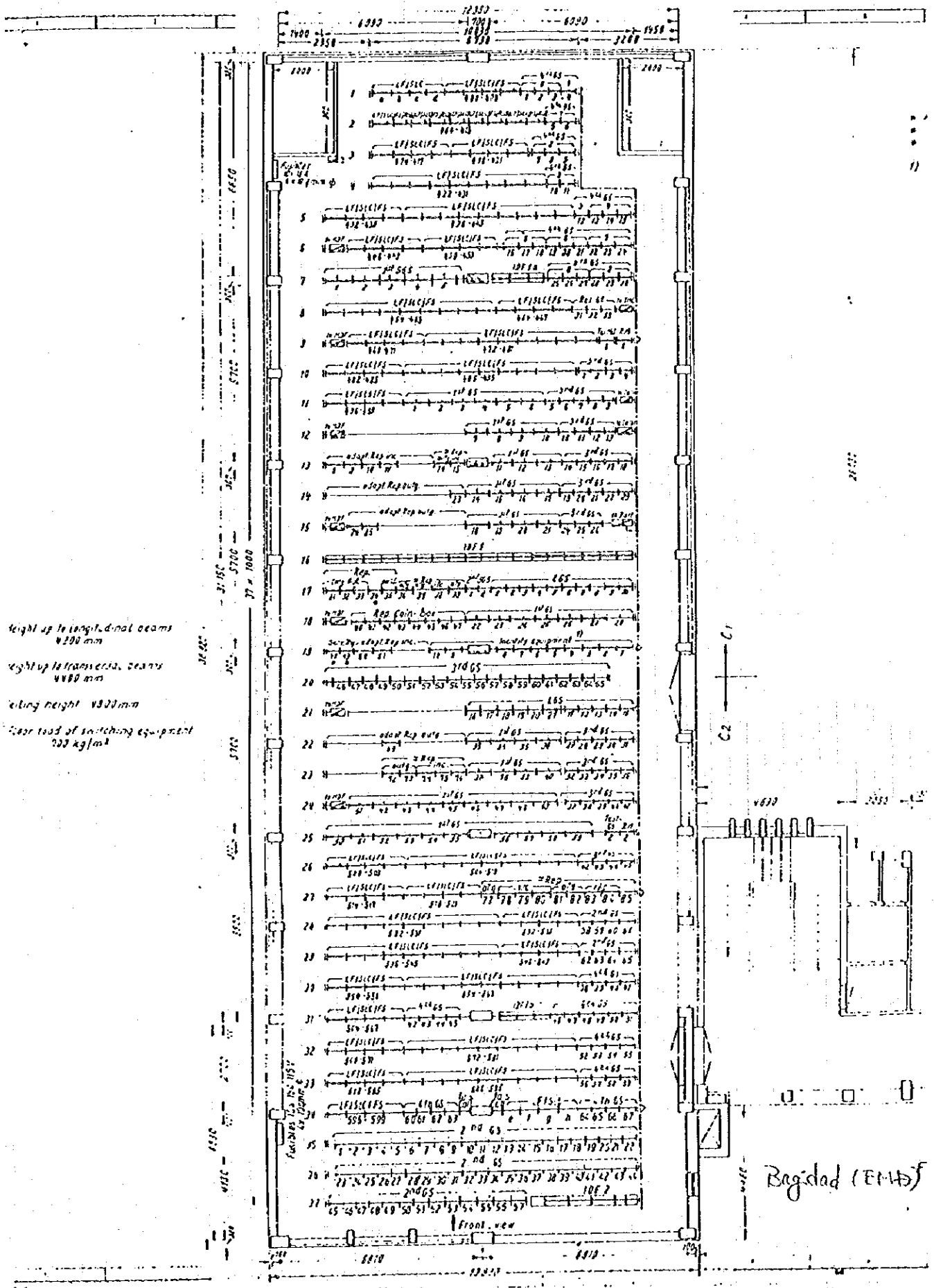
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1977	1977	1977	1977	1977	1977	1977	1977	1977	1977
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1977	1977	1977	1977	1977	1977	1977	1977	1977	1977
1977	1977	1977	1977	1977	1977	1977	1977	1977	1977

1st FLOOR

Height up to transversalbeams 4350mm  
Height up to ceiling 4650mm

- \* Long distance Rep.
- △ Cant. An. Rep.
- Müller. Service Rep.
- Some party line Rep.
- Service Rep.
- ① Follow-up plan.





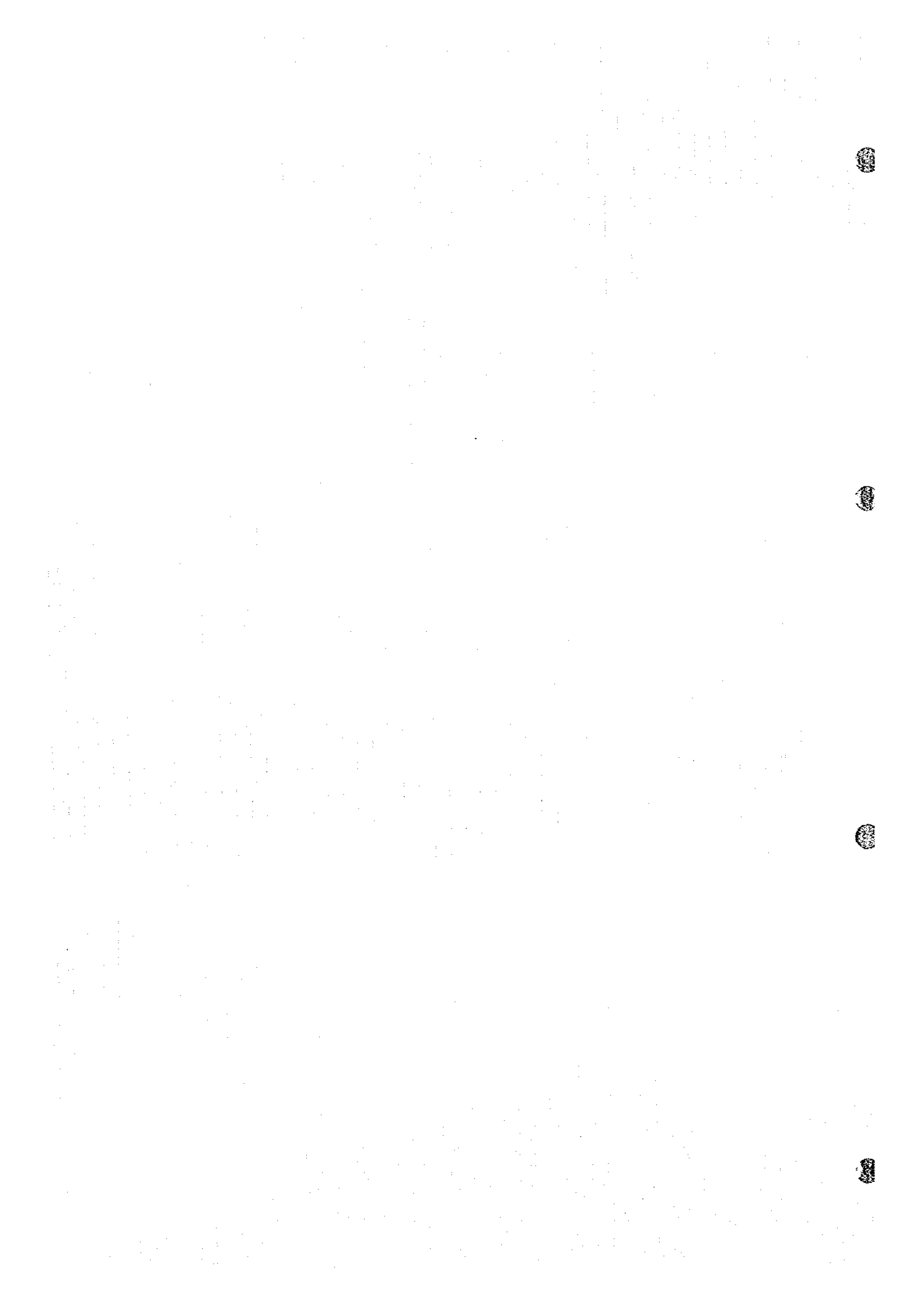
height up to longitudinal beams  
 4200 mm

height up to transverse beams  
 4400 mm

clear height 4300 mm

floor load of switching equipment  
 200 kg/m<sup>2</sup>

Bagdad (EM-15)

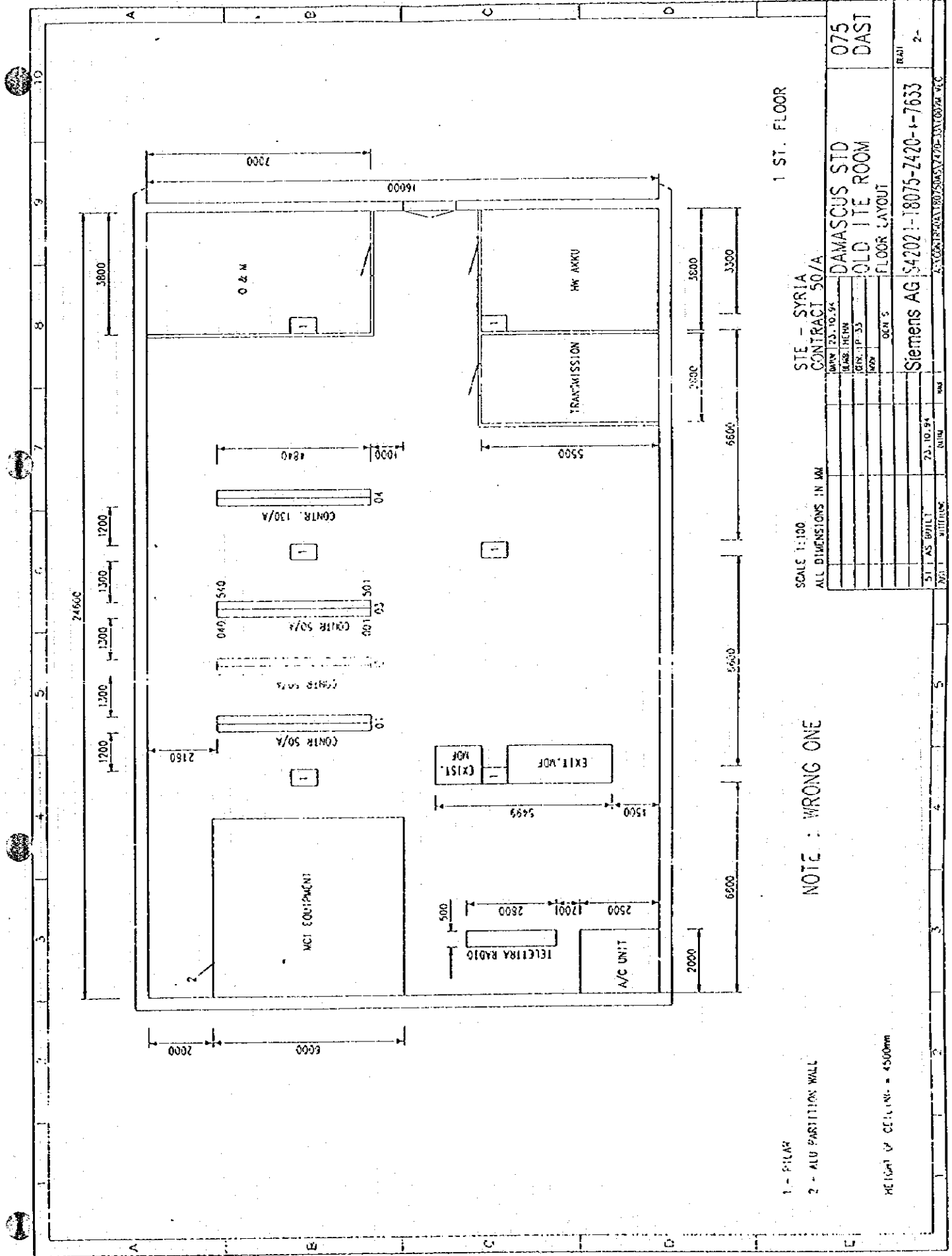


D-11

Floor Plan (Transmission)

10-1-6





1 ST. FLOOR

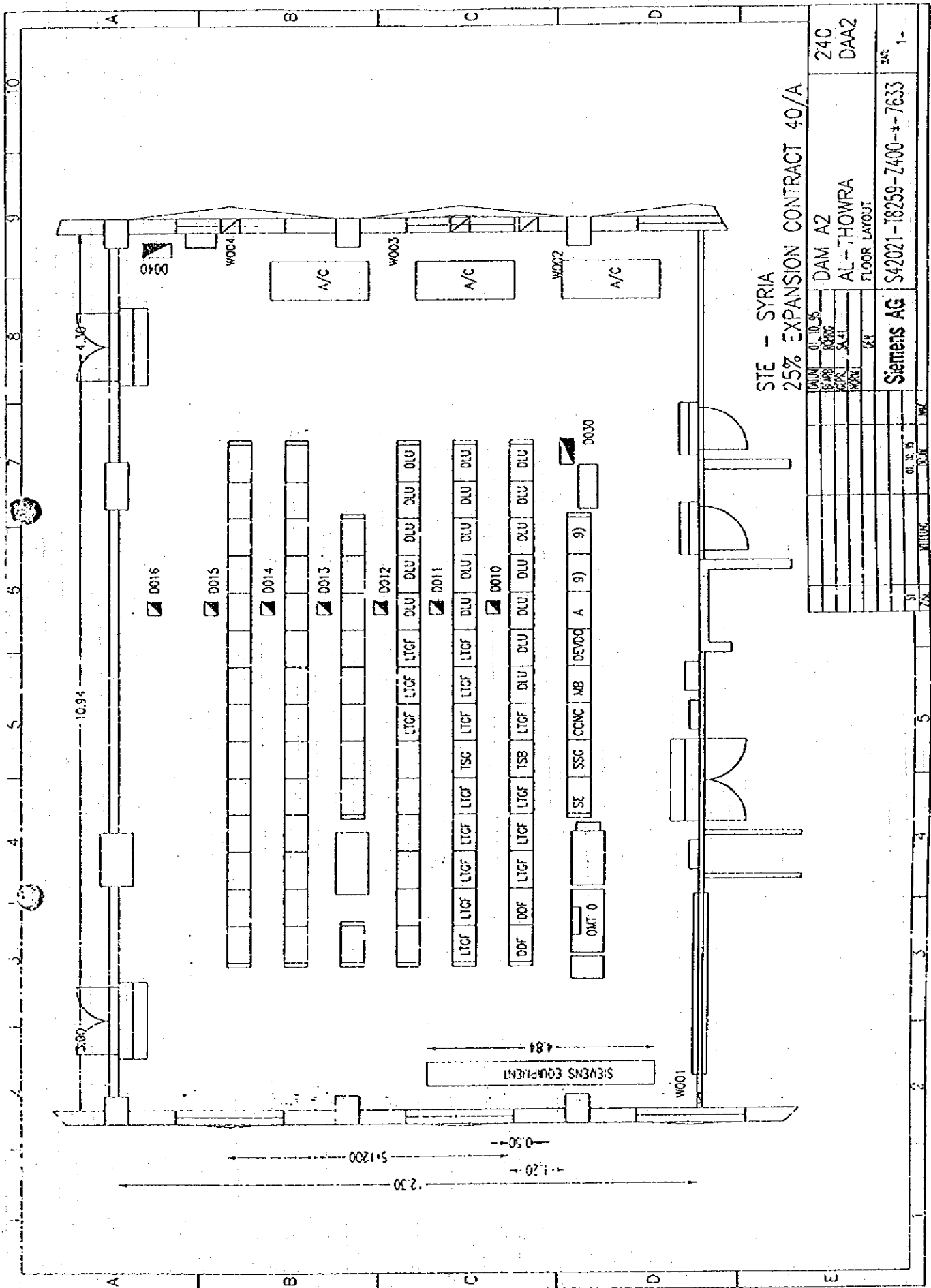
SCALE 1:100  
 ALL DIMENSIONS IN MM

NOTE : WRONG ONE

1 - P.I.L.A.R  
 2 - ALU PARTITION WALL  
 HEIGHT OF CEILING = 4500mm

DAMASCUS STD OLD ITE ROOM FLOOR LAYOUT		075 DAST
DATE	73.10.94	TRAI
BY	Siemens AG	
NO.	AG 54202 I-18075-Z420-I-7633	2-
PROJECT	ST. AS BUILT	
REVISION	NO. 1	
DATE	73.10.94	
BY	WILLIAMS	
NO.	1	
PROJECT	CONTRACT 50/A	
DATE	73.10.94	
BY	Siemens AG	
NO.	AG 54202 I-18075-Z420-I-7633	

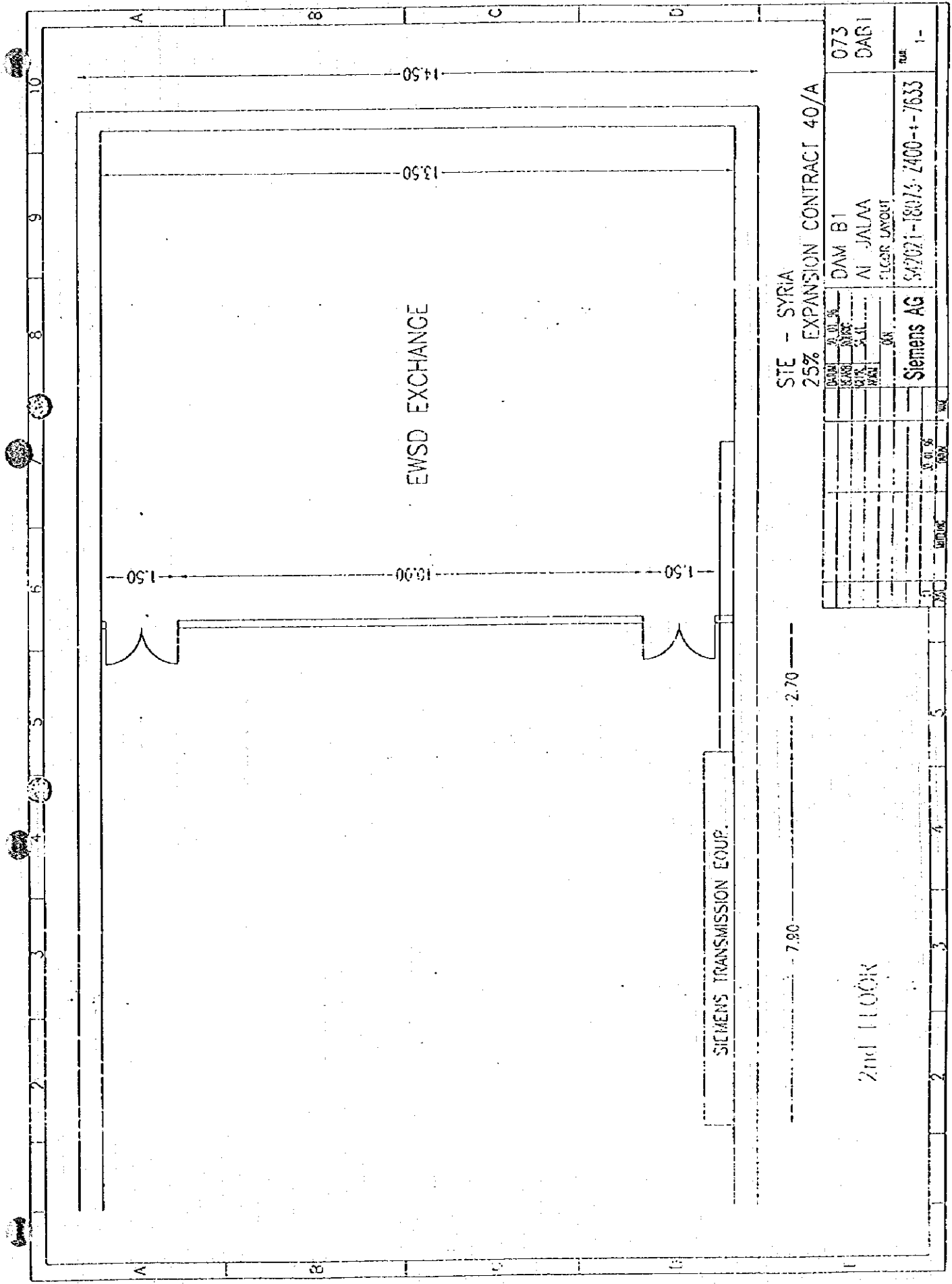




NO	DESCRIPTION	UNIT	QTY	PRICE	TOTAL	DATE	STATUS	REMARKS
01	CONCRETE	M <sup>3</sup>	100	100	10000	1/1/74	01	
02	STEEL	KG	500	500	25000	1/1/74	02	
03	BRICK	M <sup>2</sup>	200	200	40000	1/1/74	03	
04	CEMENT	KG	1000	1000	100000	1/1/74	04	
05	WATER	L	10000	10000	1000000	1/1/74	05	
06	ELECTRICITY	KWH	1000	1000	100000	1/1/74	06	
07	LABOR	HR	1000	1000	100000	1/1/74	07	
08	MAINTENANCE	HR	1000	1000	100000	1/1/74	08	
09	TRANSPORT	HR	1000	1000	100000	1/1/74	09	
10	INSURANCE	HR	1000	1000	100000	1/1/74	10	
11	TOTAL				1000000			
12	NET TOTAL				1000000			
13	TAXES				100000			
14	GRAND TOTAL				1100000			

SIC SYRIA  
 240  
 DAMASCUS A2  
 AL-HAZERA  
 LAYOUT LAYOUT  
 Siemens AG S1207-1-5740-7440-1-7617  
 A. VERGARA / P. CHAMA / A. AL-KHAYAT / V.C.





STE - SYRIA  
25% EXPANSION CONTRACT 40/A

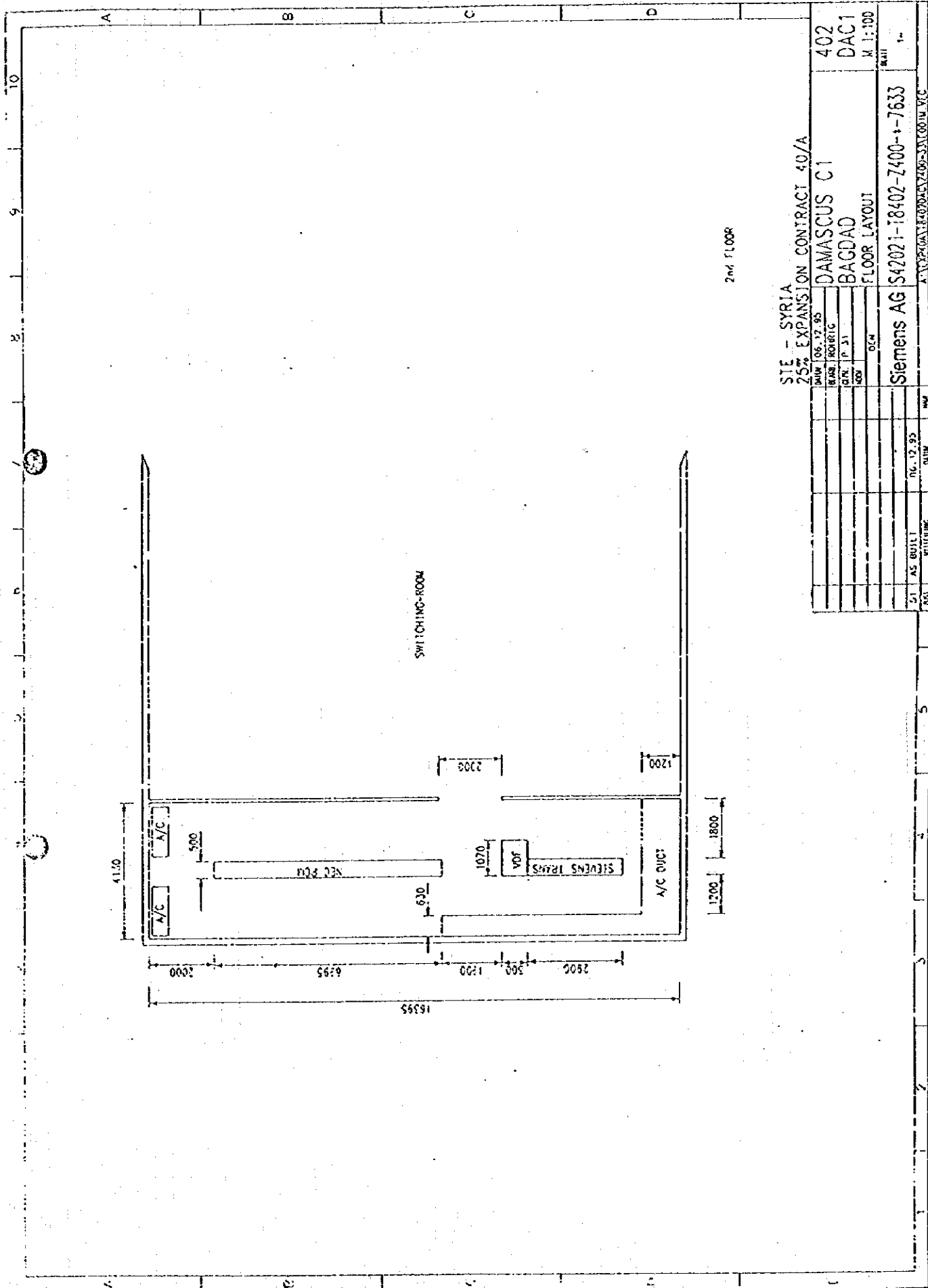
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BY	AWAC	BY	AWAC
CHKD	S.L.L.	CHKD	S.L.L.
WALL		WALL	
DOOR		DOOR	
STAIR		STAIR	
PLUMB		PLUMB	
ELECTR		ELECTR	
MECH		MECH	
OTHER		OTHER	
SCALE		SCALE	
PROJECT	Siemens AG 547021-18016-2400-1-7633		
NO.	073	NO.	073
DATE	DARI	DATE	DARI
TITLE	ELECTR LAYOUT		
SCALE	1-		

2nd FLOOR

	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325
34	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP
	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000
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SIEMENS AG  
25% EXPANSION CONTRACT 40/A  
DAMASCUS B  
AL JALAA  
EQUIPMENT LAYOUT  
075  
DABI  
1:12,5  
SIEMENS AG S17071-18073-7440--7617  
PART 1

ST. AG BULL. NO.	50-12 95
DATE	



2nd FLOOR

STE - SYRIA  
25% EXPANSION CONTRACT 40/A

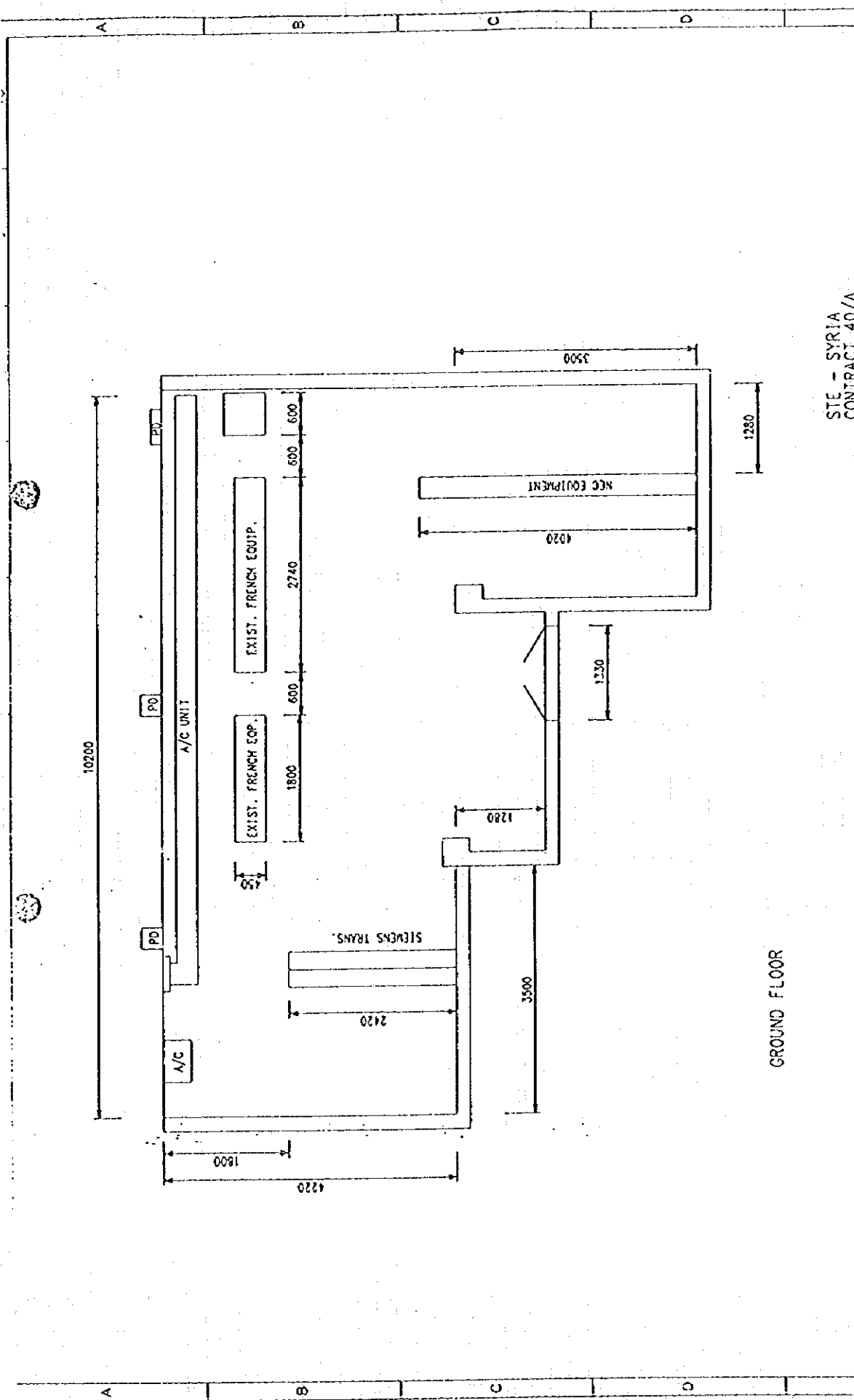
DATE	06.12.95	NO.	1
REVISION	REVISED	NO.	1
BY	P. S.	NO.	1
CHECKED		NO.	1
APPROVED		NO.	1
DAMASCUS C1 BAGDAD FLOOR LAYOUT			
Siemens AG		S42021-18402-7400-8-7633	
402		DAC1	
M. I. 100		MAIL	
1		1	

W		U		I		P		E		I		P		E		I		P		E		I		P		E		I		P		E		I			
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35			
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SIC - SYRIA  
 25% EXPANSION CONTRACT 40/A  
 DAMASCUS C1  
 BAGDAD  
 EQUIPMENT LAYOUT

Siemens AG S42021-18402-Z440-1-1-1617  
 1-12.5  
 8411

DATE	DESCRIPTION	QTY	UNIT	PRICE	TOTAL
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01/02/84	...	...	...	...	...
01/03/84	...	...	...	...	...
01/04/84	...	...	...	...	...
01/05/84	...	...	...	...	...
01/06/84	...	...	...	...	...
01/07/84	...	...	...	...	...
01/08/84	...	...	...	...	...
01/09/84	...	...	...	...	...
01/10/84	...	...	...	...	...
01/11/84	...	...	...	...	...
01/12/84	...	...	...	...	...
02/01/84	...	...	...	...	...
02/02/84	...	...	...	...	...
02/03/84	...	...	...	...	...
02/04/84	...	...	...	...	...
02/05/84	...	...	...	...	...
02/06/84	...	...	...	...	...
02/07/84	...	...	...	...	...
02/08/84	...	...	...	...	...
02/09/84	...	...	...	...	...
02/10/84	...	...	...	...	...
02/11/84	...	...	...	...	...
02/12/84	...	...	...	...	...



GROUND FLOOR

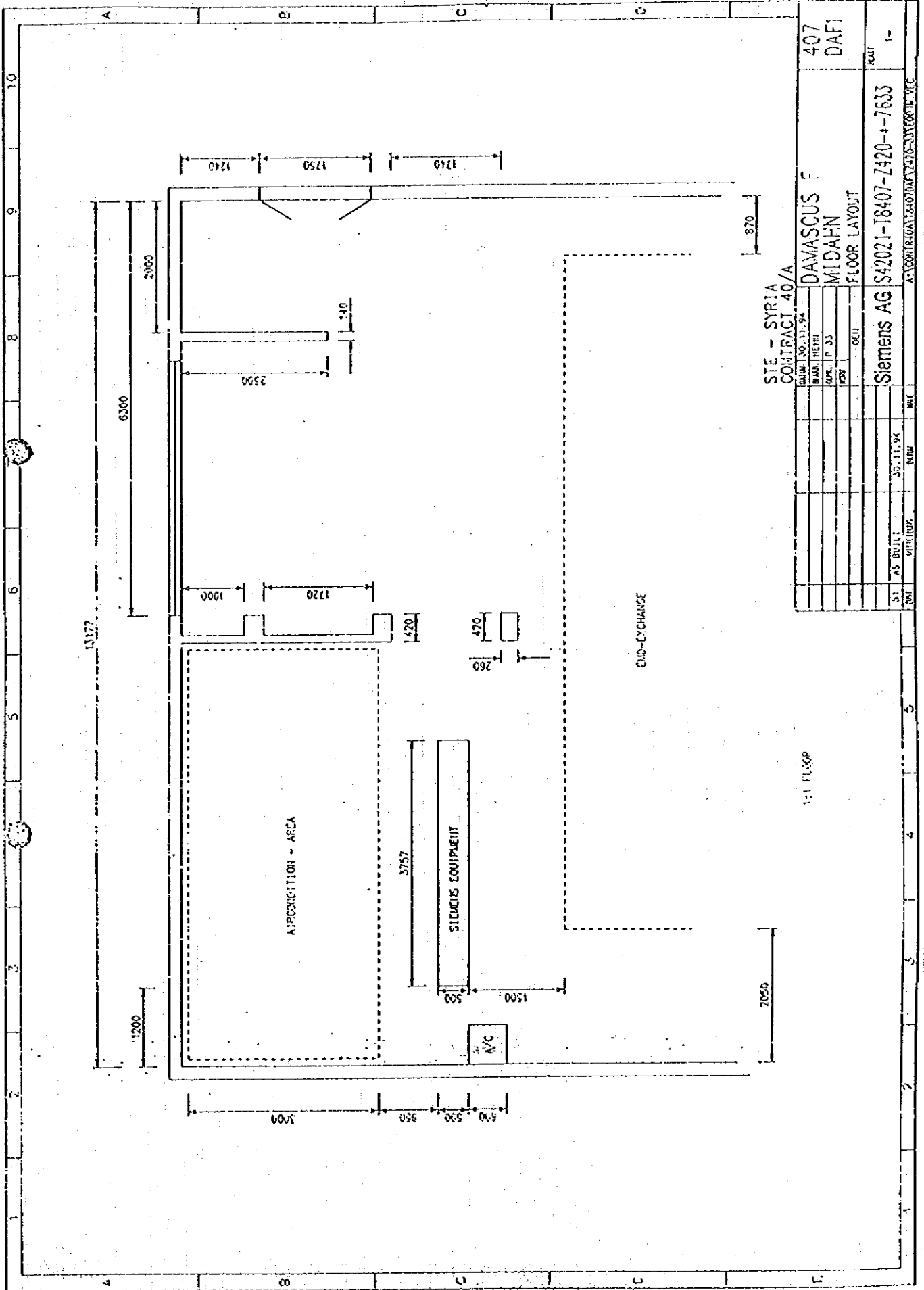
STE - SYRIA  
CONTRACT 40/A

DATE	28.11.94	NO.	405
BY	HCN	REV.	DAE
CHKD.	J. 31		
ISSUED			
SCALE	CLN		
Siemens AG S42021-78406-7420-r-7633		FLOOR LAYOUT	
DATE	26.11.94	NO.	405
BY	HCN	REV.	DAE
CHKD.	J. 31		
ISSUED			
SCALE	CLN		

01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01	01
SCL	SCL	SCL	SCL	SCL	SCL	SCL	SCL	SCL	SCL	SCL	SCL	SCL	SCL	SCL	SCL	SCL	SCL	SCL	SCL	SCL
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06
06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06
06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06
06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06
06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06
06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06
06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06
06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06
06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06
06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06
06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06
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06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06
06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06	06

STE - SYRIA		75% EXPANSION CONTRACT 40/A	
UNIV	06 12 95	REV	06 12 95
DATE	06 12 95	BY	06 12 95
PROJ	406	CHK	06 12 95
DRAWING	DAMASCUS E	REV	06 12 95
SHEET	RUKEN AL-DEIN	BY	06 12 95
TITLE	EQUIPMENT LAYOUT	CHK	06 12 95
SCALE	1:12.5	APP	06 12 95
CONTRACT	Siemens AG S4201-18406-Z440-1-7617	REV	06 12 95

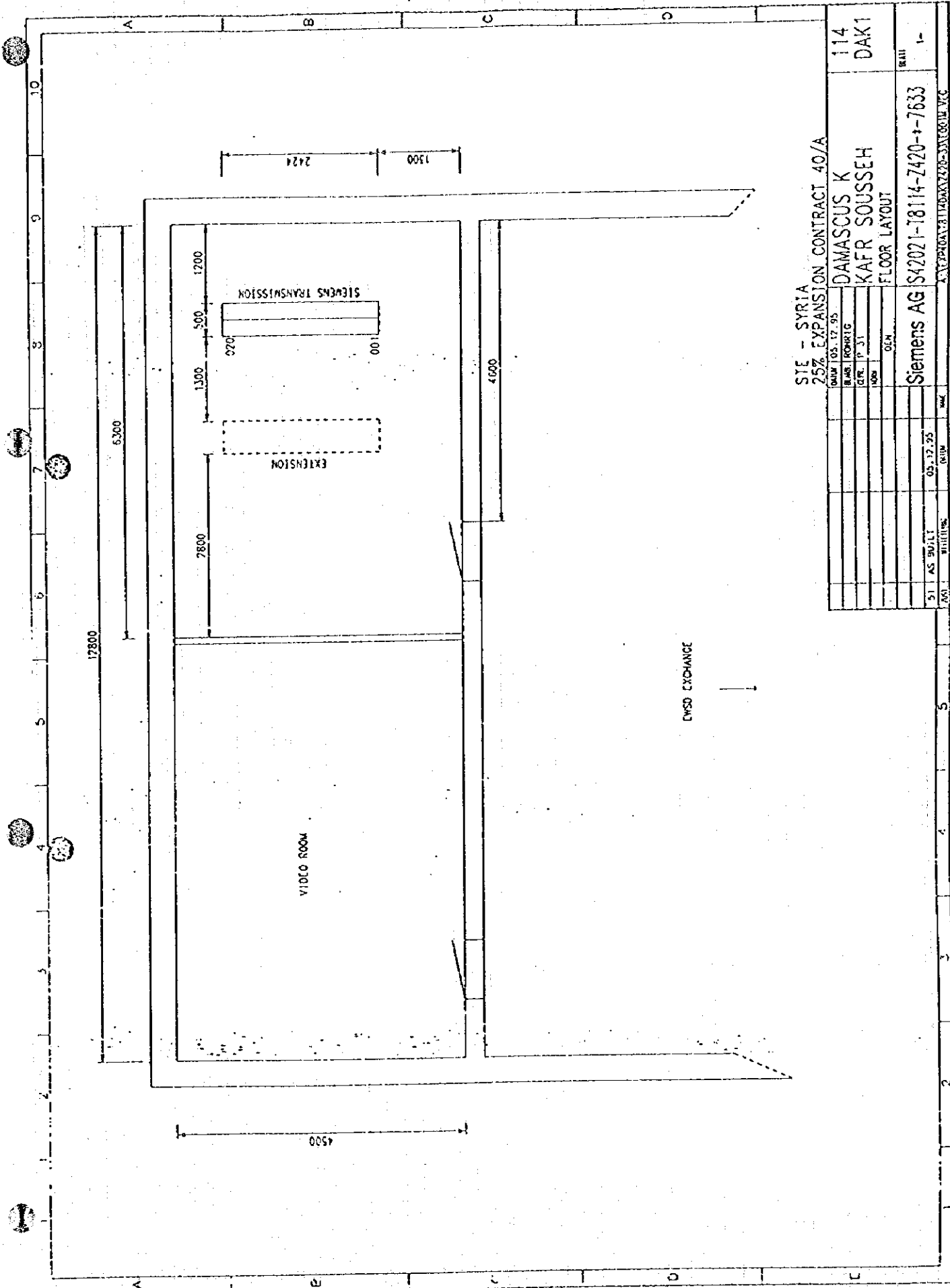
\* - 25% EXPANSION CONTRACT 40/A  
 1) SUPPLIED AND INSTALLED BY S.T.E



STE - SYRIA CONTRACT 40/A		DAMASCUS F MIDAHN FLOOR LAYOUT		407 DAFI
DATE	1307.11.24	NO.	001	SCALE
DESIGNER		CHK.	P. 33	
DRAWN		APP.		
DATE	30.11.94	NO.		SCALE
DESIGNER		CHK.		
DRAWN		APP.		
Siemens AG		S42021-18407-7420-4-7633		1-







STE - SYRIA  
25% EXPANSION CONTRACT 40/A

DATE	05.17.95	114
NAME	ROHRLG	DAK1
CITY	19.31	
NO.		
OLN		
Siemens AG S42021-18114-Z420-1-7633		
51	AS 90/11	1-
200	05.17.95	
FLOOR LAYOUT		
DAMASCUS K		
KAFR SOUSSEH		
114		
DAK1		
FLOOR LAYOUT		
Siemens AG S42021-18114-Z420-1-7633		
1-		

A		B		C		D	
01	01	01	01	01	01	01	01
02	02	02	02	02	02	02	02
03	03	03	03	03	03	03	03
04	04	04	04	04	04	04	04
05	05	05	05	05	05	05	05
06	06	06	06	06	06	06	06
07	07	07	07	07	07	07	07
08	08	08	08	08	08	08	08
09	09	09	09	09	09	09	09
10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15
16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19
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26	26	26	26	26	26	26	26
27	27	27	27	27	27	27	27
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29	29	29	29	29	29	29	29
30	30	30	30	30	30	30	30

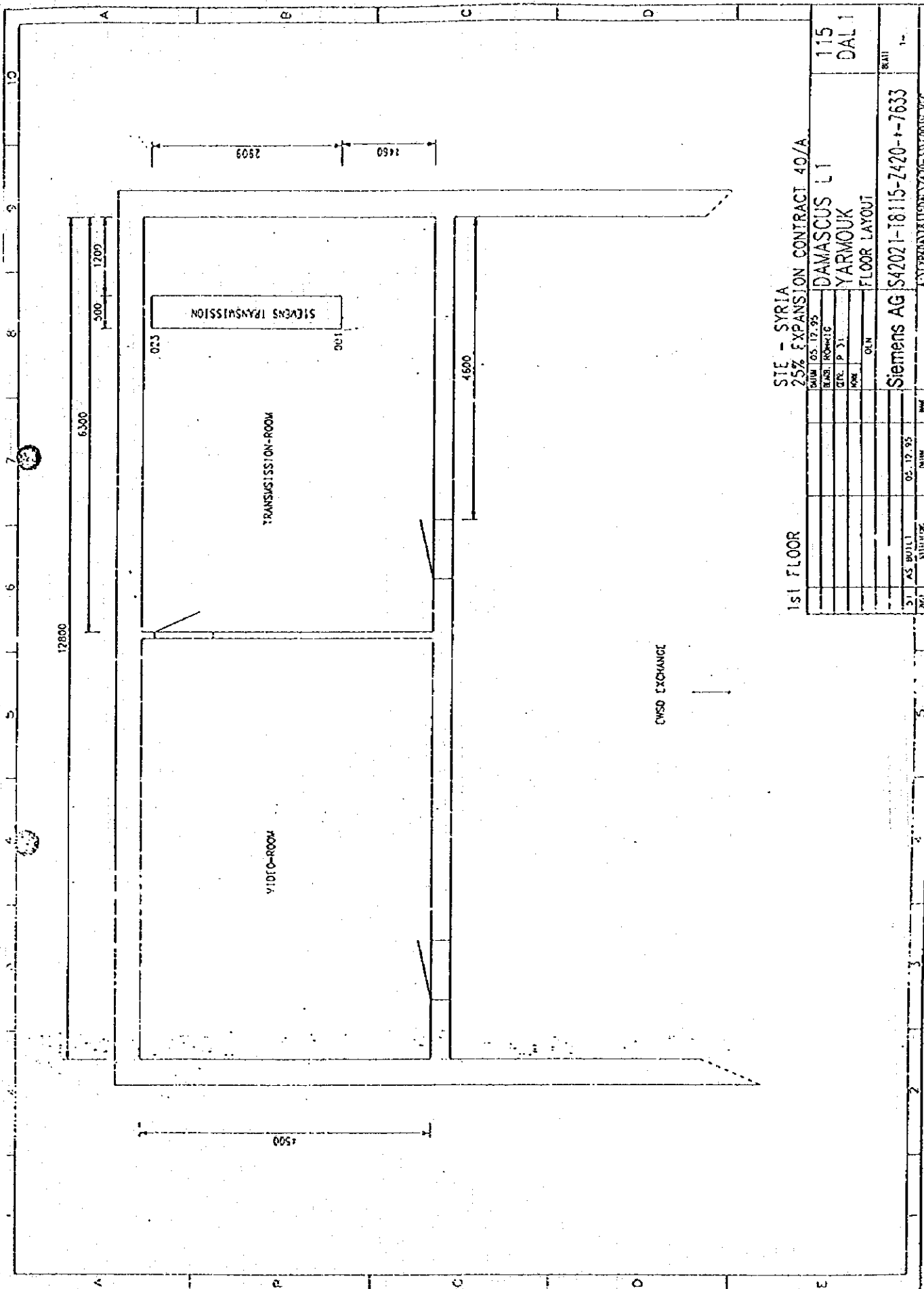
STE - SYRIA  
25% EXPANSION CONTRACT 40/A

114  
DAMIENUS K  
KAHR SOUSSEH  
EQUIPMENT LAYOUT  
1:12.5  
PART

DATE	05.12.25
NO. PROJECT	1400
DIR. P. 3	
NO.	
01	

Siemens AG S47021-18114-Z40-1-7617  
REV. 05.12.25

25% EXPANSION CONTRACT 40/A

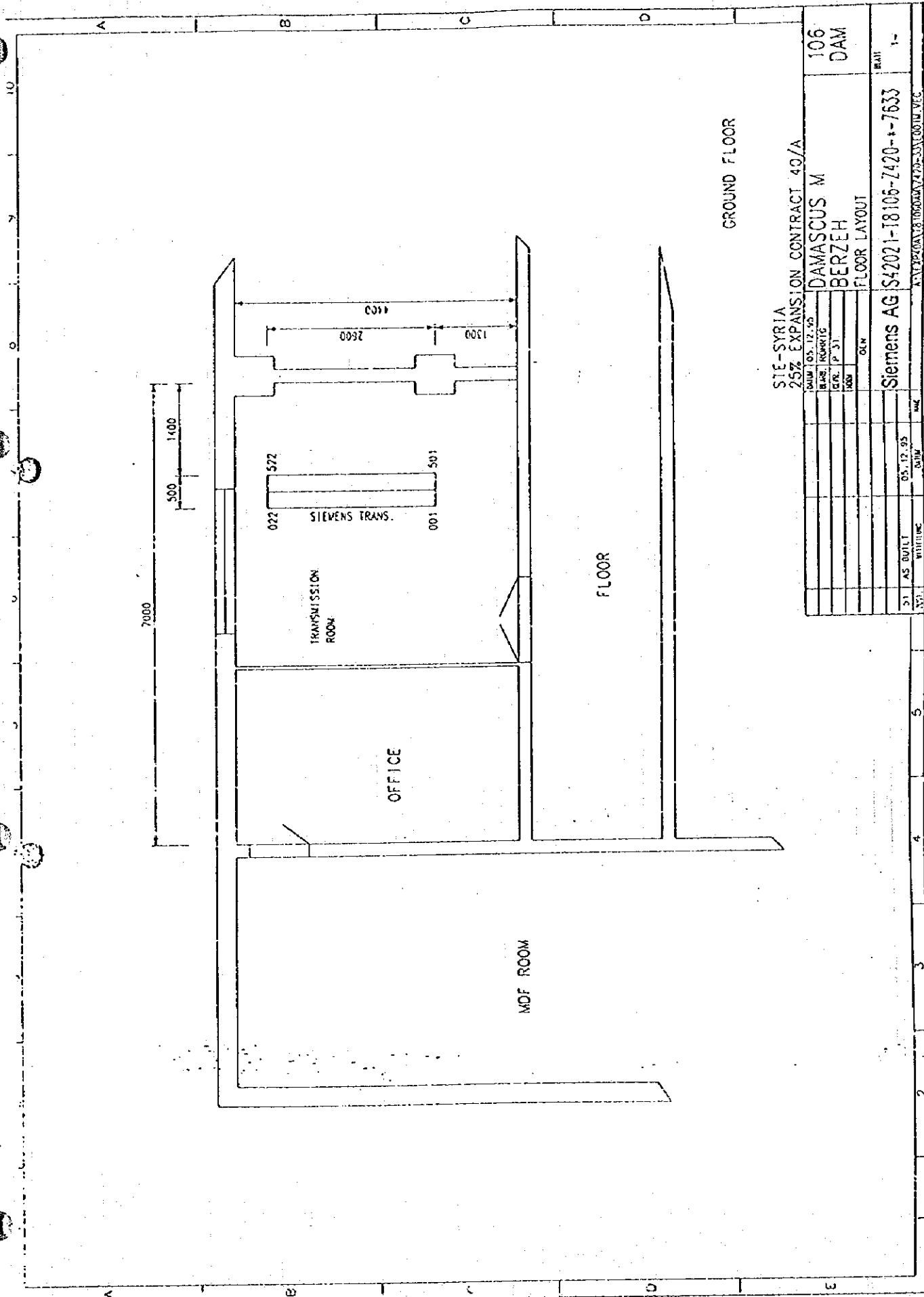


STE - SYRIA  
25% EXPANSION CONTRACT 40/A

1st FLOOR

DATE	05.12.95	NO.	115
REVISION		DESCRIPTION	DAMASCUS LT
DATE	05.12.95	NO.	DAL 1
REVISION		DESCRIPTION	YARMOUK
DATE		NO.	
REVISION		DESCRIPTION	FLOOR LAYOUT
DATE		NO.	
REVISION		DESCRIPTION	
DATE	05.12.95	NO.	
REVISION		DESCRIPTION	
DATE		NO.	
REVISION		DESCRIPTION	
Siemens AG S4202-1-18115-7420-4-7633		DWG. NO.	
		SCALE	
		SHEET NO.	
		TOTAL SHEETS	
		PROJECT NO.	
		CLIENT	
		DESIGNER	
		DRAWN	
		CHECKED	
		APPROVED	
		DATE	





STE-SYRIA  
25% EXPANSION CONTRACT 40/A

DATE	05.12.95	106
BASE	REACTIC	DAM
GR.	P. 31	BERZEH
NO.		FLOOR LAYOUT
CL.		
Siemens AG S42021-18106-7420-4-7633		
AS BUILT	05.12.95	1-
WITLINE	05.12.95	
DATE	05.12.95	
MAX		

AS-BUILT 05.12.95  
DATE 05.12.95

A

S

C

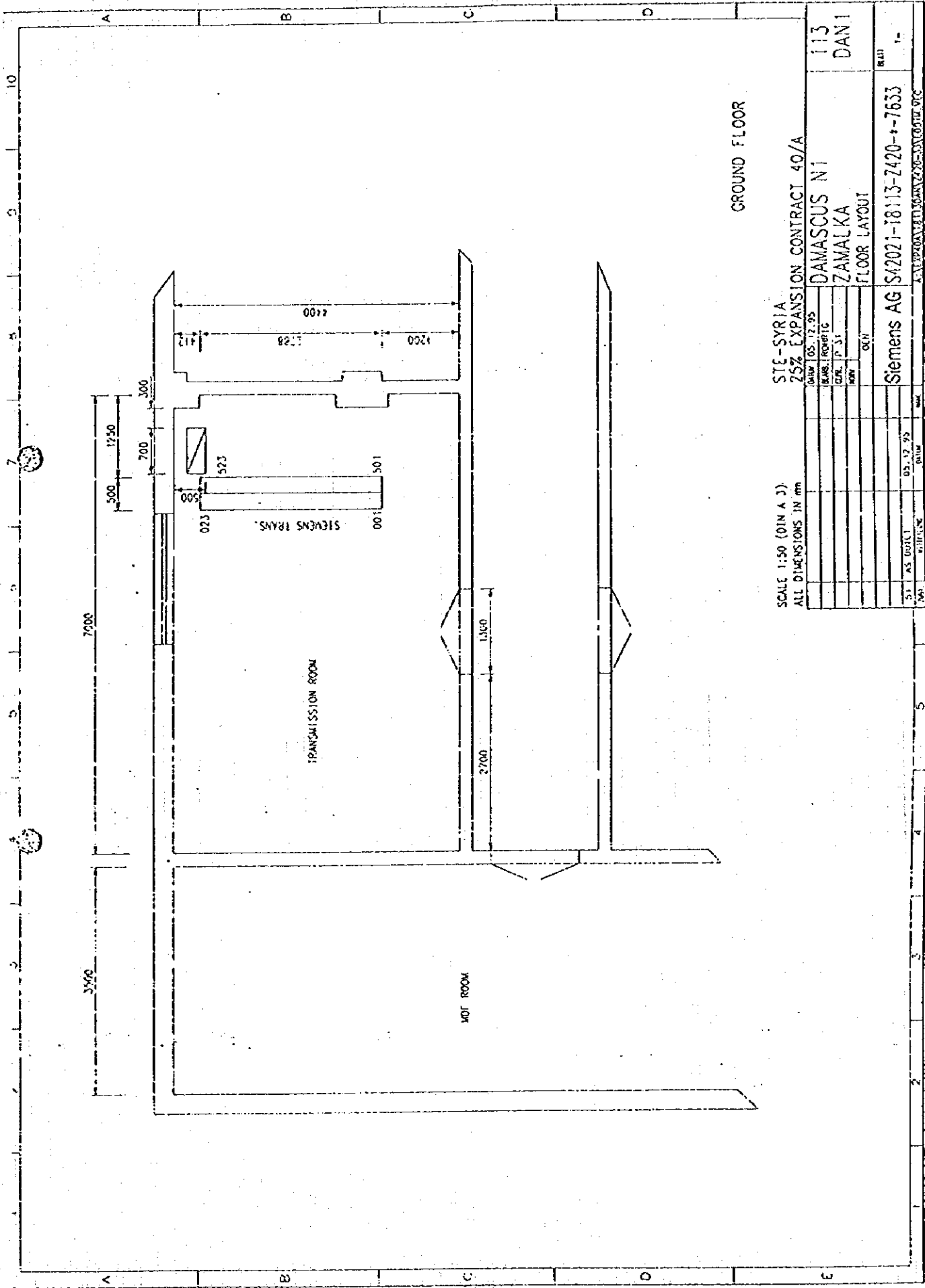
D

NO.	DESCRIPTION	QTY	UNIT	PRICE	TOTAL	DATE	STATUS	REMARKS
01	...	...	...	...	...	...	...	...
02	...	...	...	...	...	...	...	...
03	...	...	...	...	...	...	...	...
04	...	...	...	...	...	...	...	...
05	...	...	...	...	...	...	...	...
06	...	...	...	...	...	...	...	...
07	...	...	...	...	...	...	...	...

ROW 0:

SIC-SYRIA 25% EXPANSION CONTRACT 40/A	
106	DAMASCUS M
JAM1	BERZEH
1:12.5	EQUIPMENT LAYOUT
BAU	14
Siemens AG	S/2021-18106-7410-+-7617

\* = 25% EXPANSION CONTRACT 40/A  
 1) = SUPPLIED AND INSTALLED BY S.I.E.



GROUND FLOOR

SCALE 1:50 (DIN A 3)  
ALL DIMENSIONS IN mm

STE-SYRIA  
25% EXPANSION CONTRACT 40/A

DATE	05.12.95	113
REVISION		DANI
DRG. P. 31		
NOV		
001		
DAMASCUS N1 ZAMALKA FLOOR LAYOUT		
SIEMENS AG	SI2021-18113-Z420-+-7653	1-
DATE	05.12.95	
NOV		
511204V48130ANZ420-31A001E.PTC		

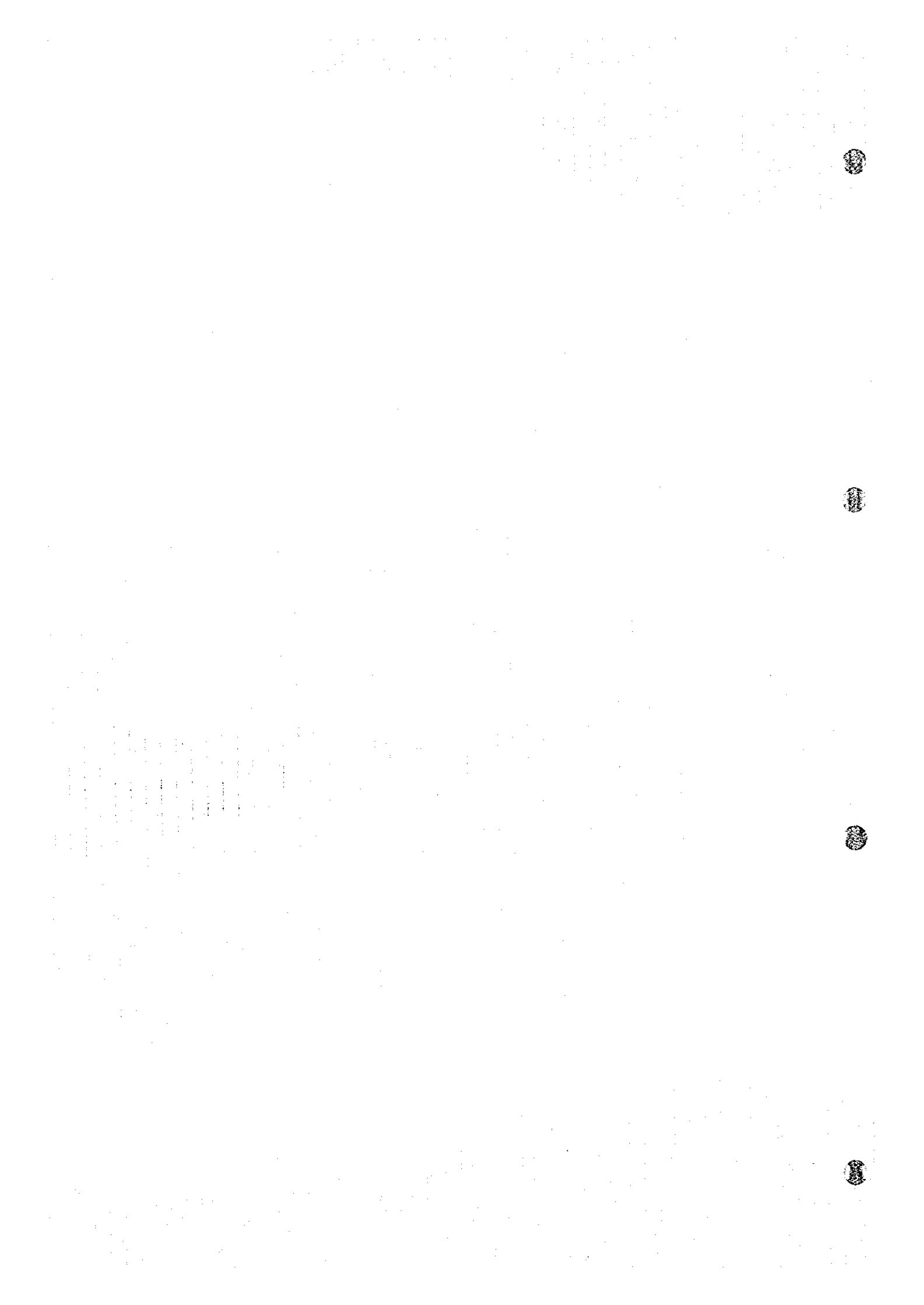


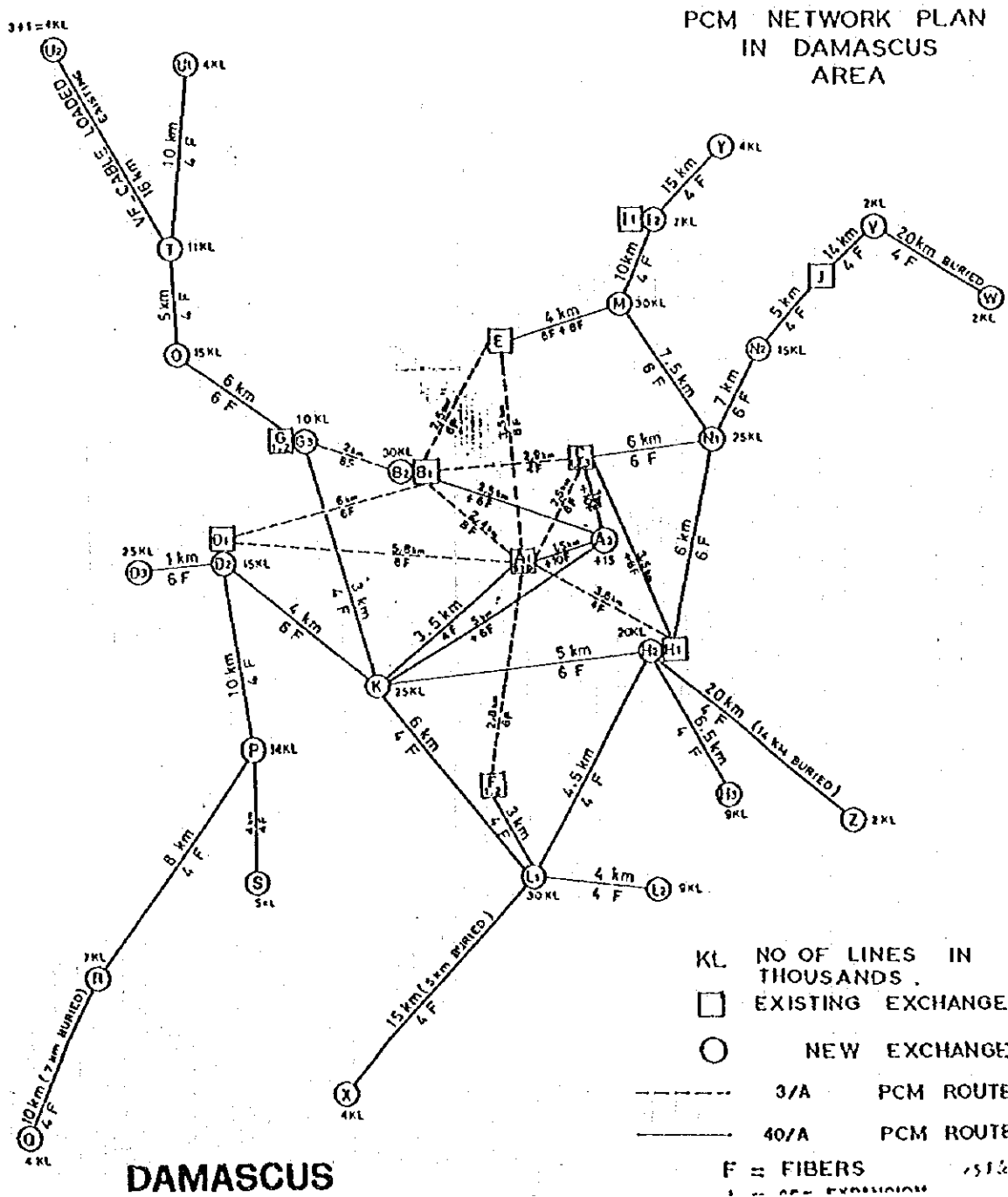
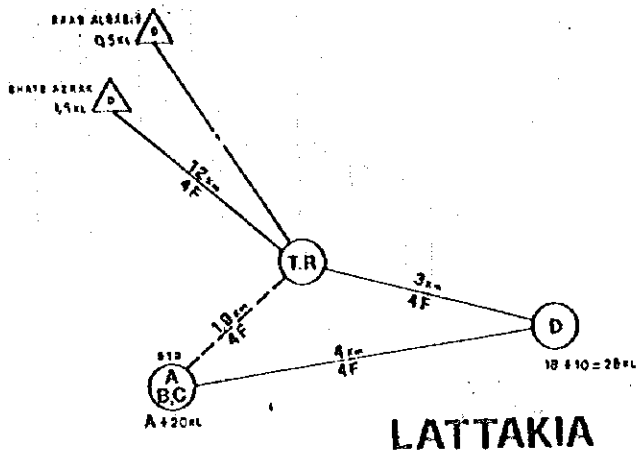


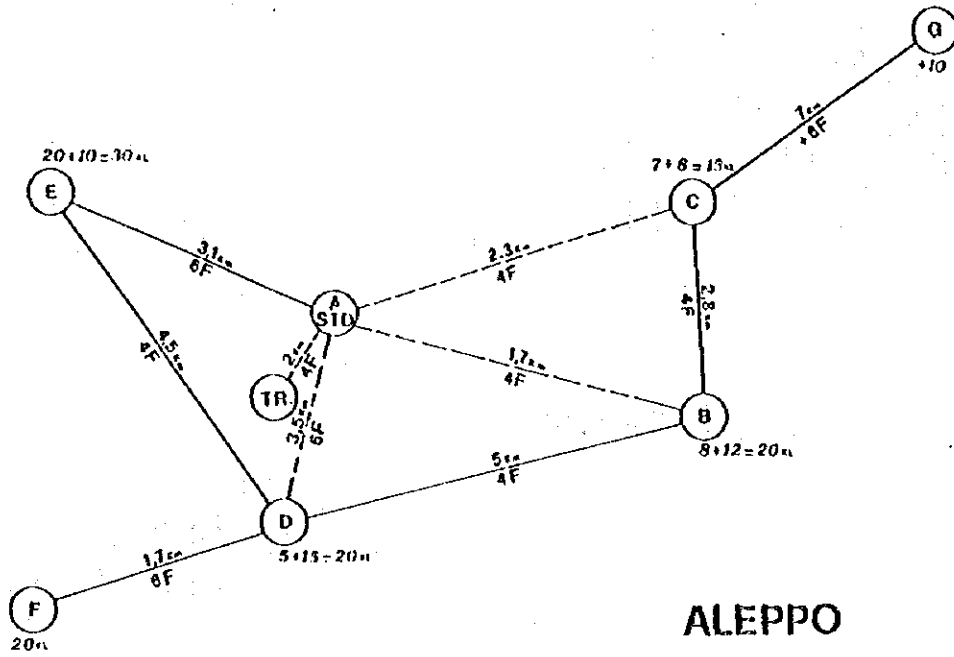
D-12

Junction Network

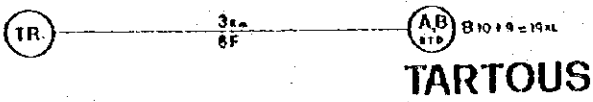
101-6



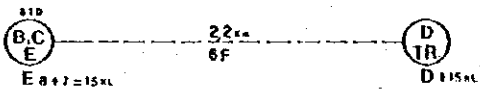




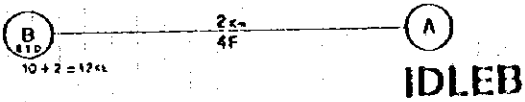
### ALEPPO



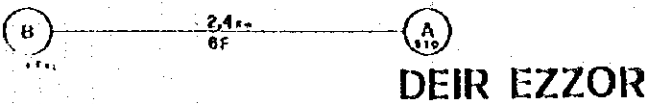
### TARTOUS



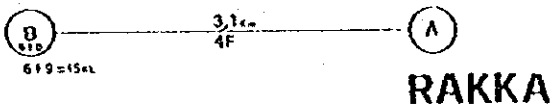
### HAMA



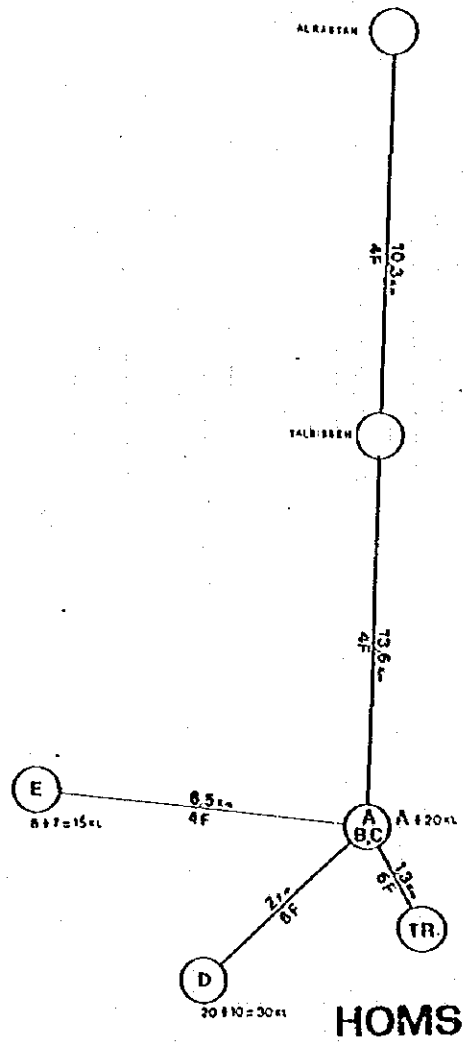
### IDLEB



### DEIR EZZOR



### RAKKA

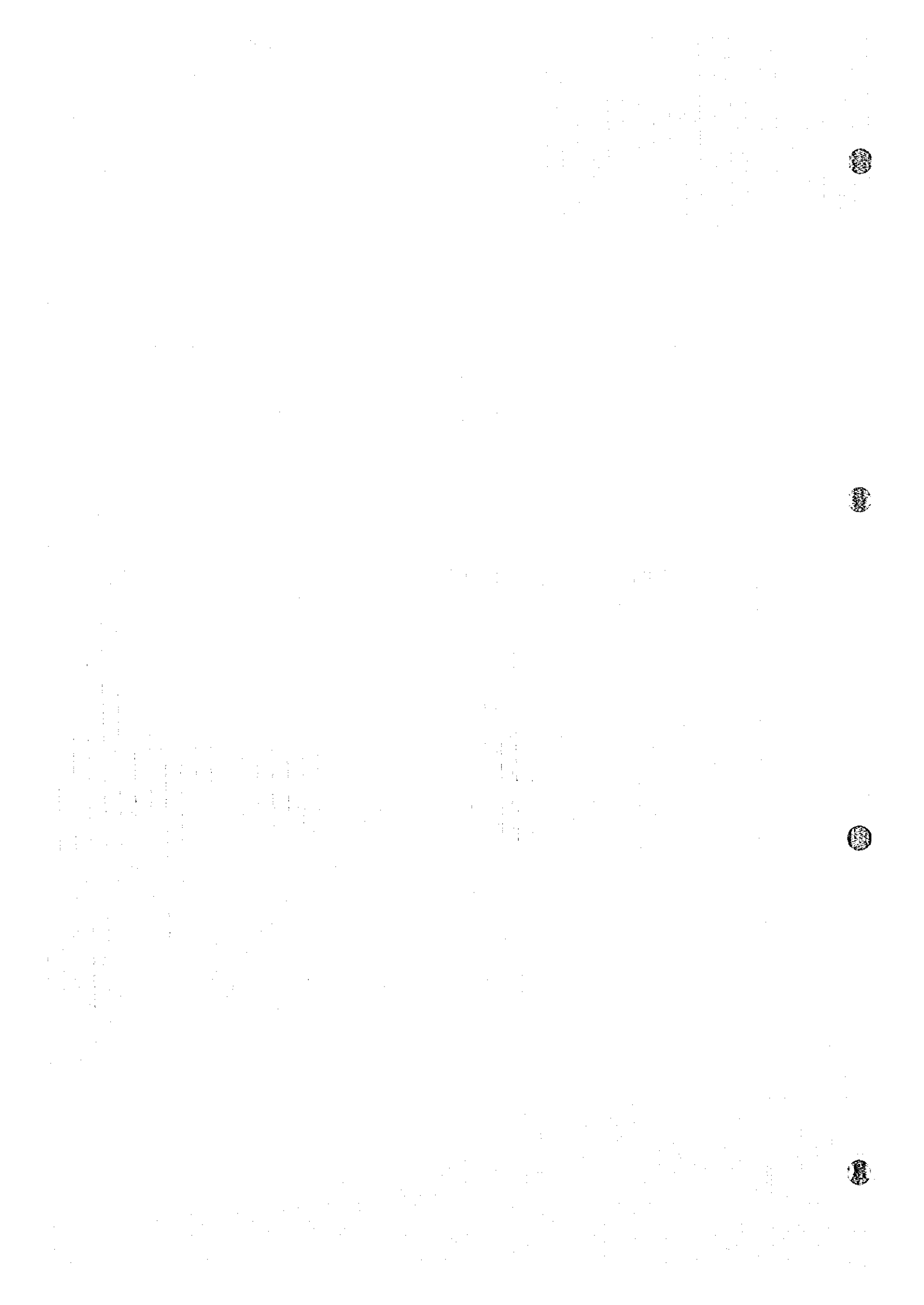


### HOMS

D-13

Rural Project

1691-2



# المشروع الريفي الحسكة

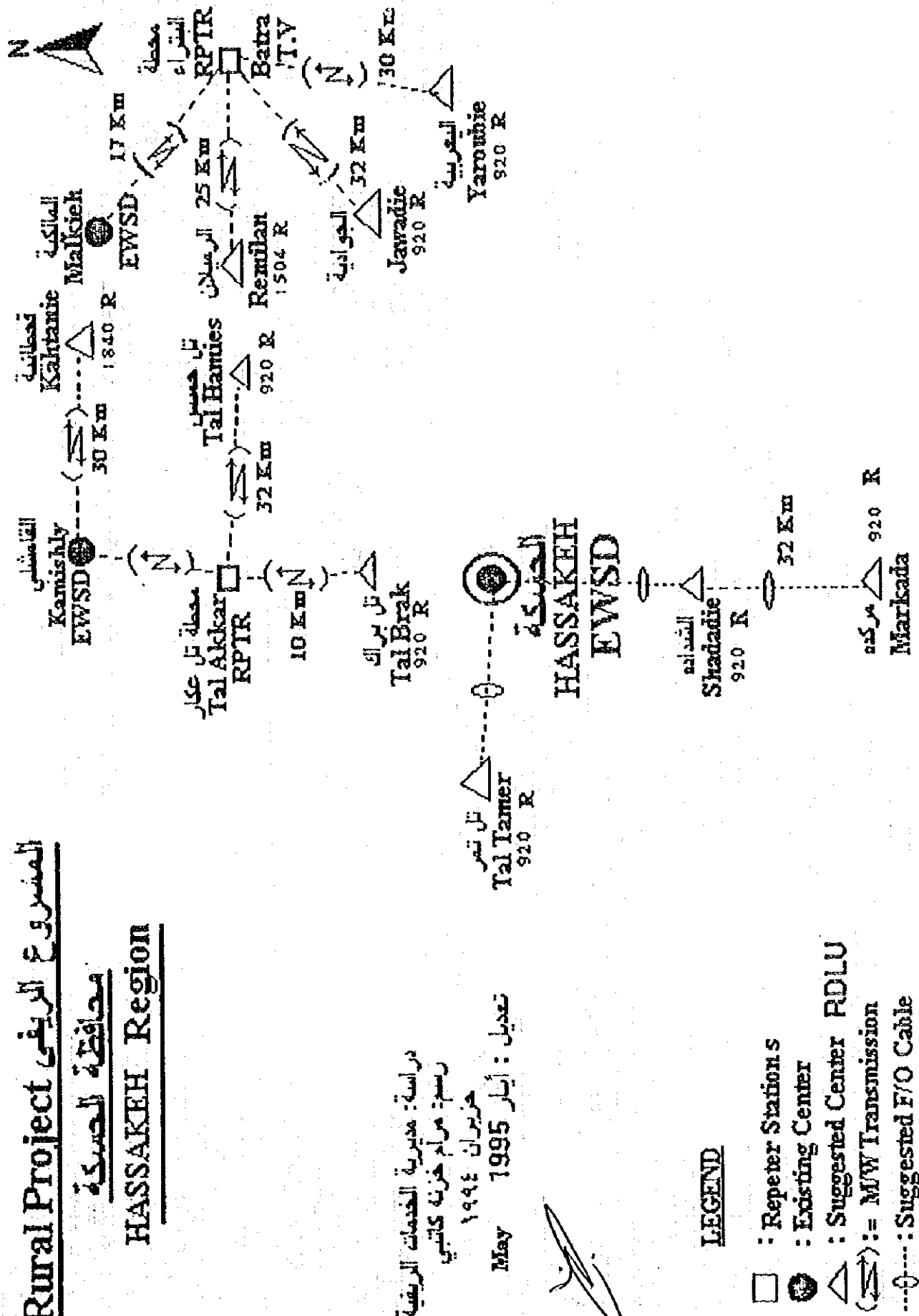
## محافظة الحسكة

### HASSAKEH Region

دراسة: مديرية الخدمات الريفية  
رسم: مراد خزنة كاتبي

حزيران ١٩٩٤

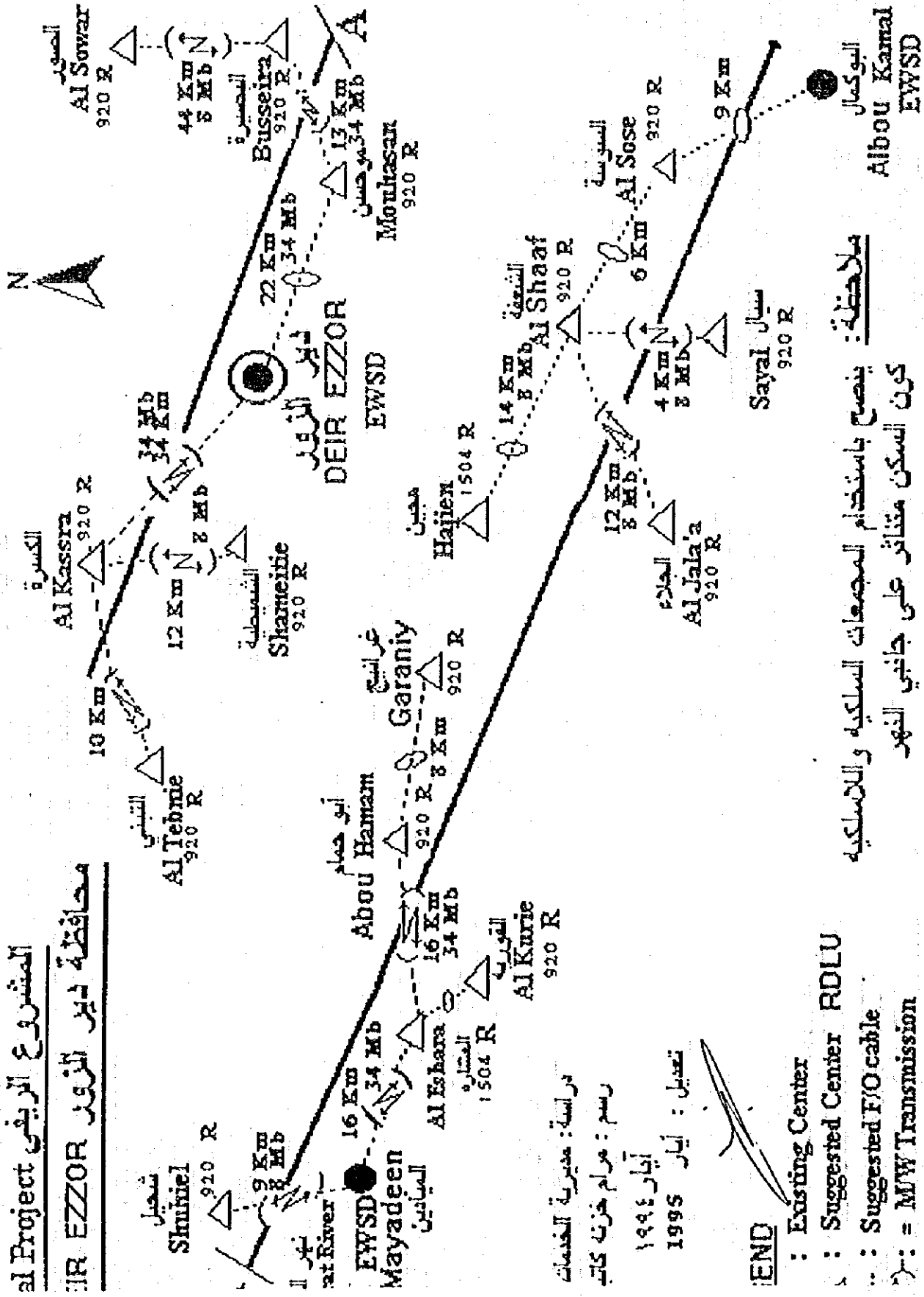
تعديل: أيار 1995



#### LEGEND

- : Repeter Stations
- : Existing Center
- △ : Suggested Center RDLU
- (→) : M/W Transmission
- : Suggested F/O Cable

المشروع الريفي ال Project  
 DEIR EZZOR دير الزور محافظة



دراسة: مديرية الخدمات  
 رسم: مرام خزبة كاتب  
 أيار ١٩٩٤  
 تعديل: أيار 1995

- END
- : Existing Center
  - : Suggested Center RDLU
  - : Suggested F/O cable
  - : = MWV Transmission

ملاحظة: ينصح باستخدام المجمعات السكنية واللامسكية  
 كون السكن متناثر على جانبي النهر



**المشروع الريفي الرقة**  
**محافظة الرقة**  
**RAKKA Region**

دراسة: مديرية الخدمات الريفية  
 رسم: مرام خزنة كاتبي  
 حزيران 1994  
 تعديل: أيار 1995

May



محطة  
 مسكنة/حطب  
 MASHANA  
 RPTR

الجربية  
 Jerrue  
 920 R

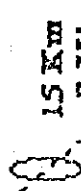


25 Km  
 8 Mb

الثورة  
 Al-Thaoura  
 EWSD



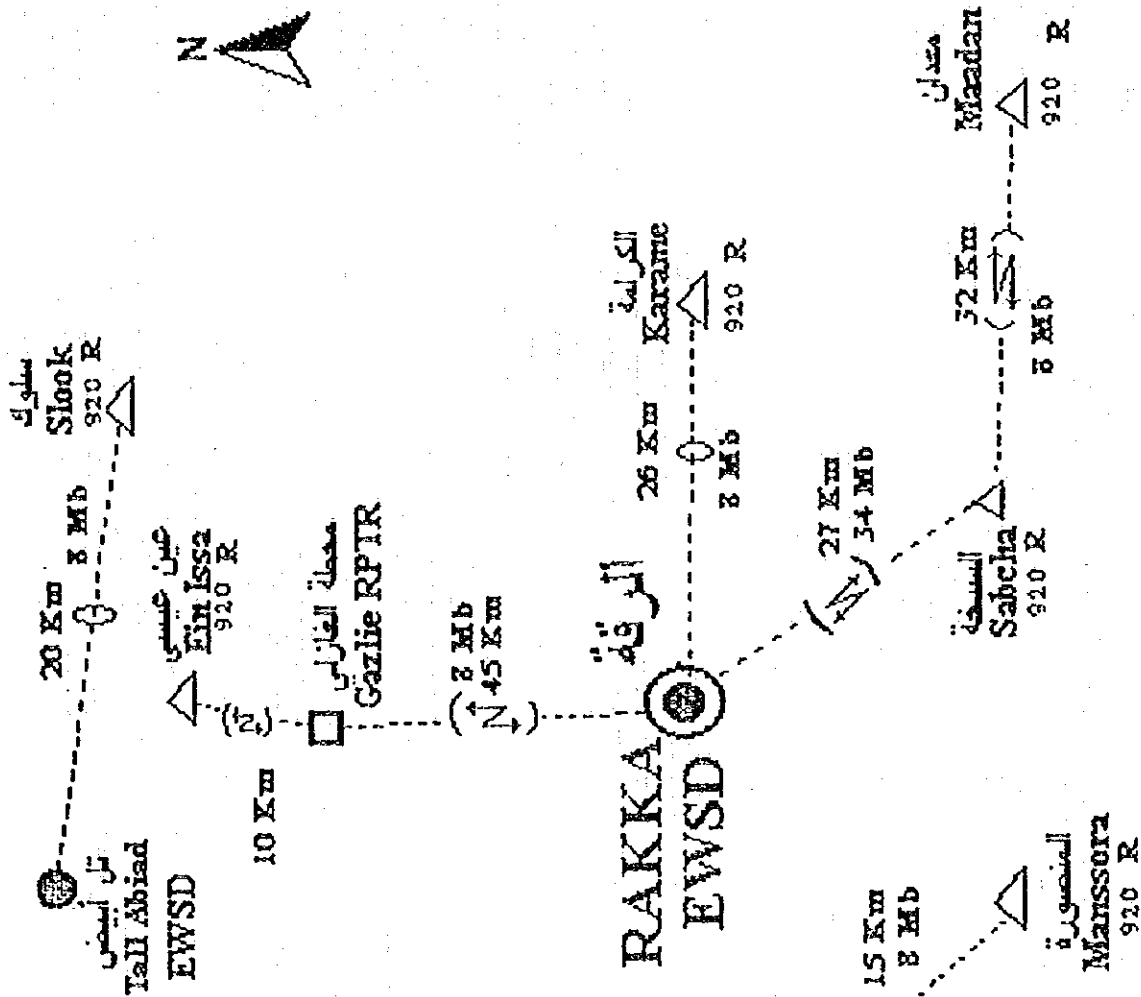
15 Km  
 8 Mb



المنصورة  
 Manssora  
 920 R

**LEGEND**

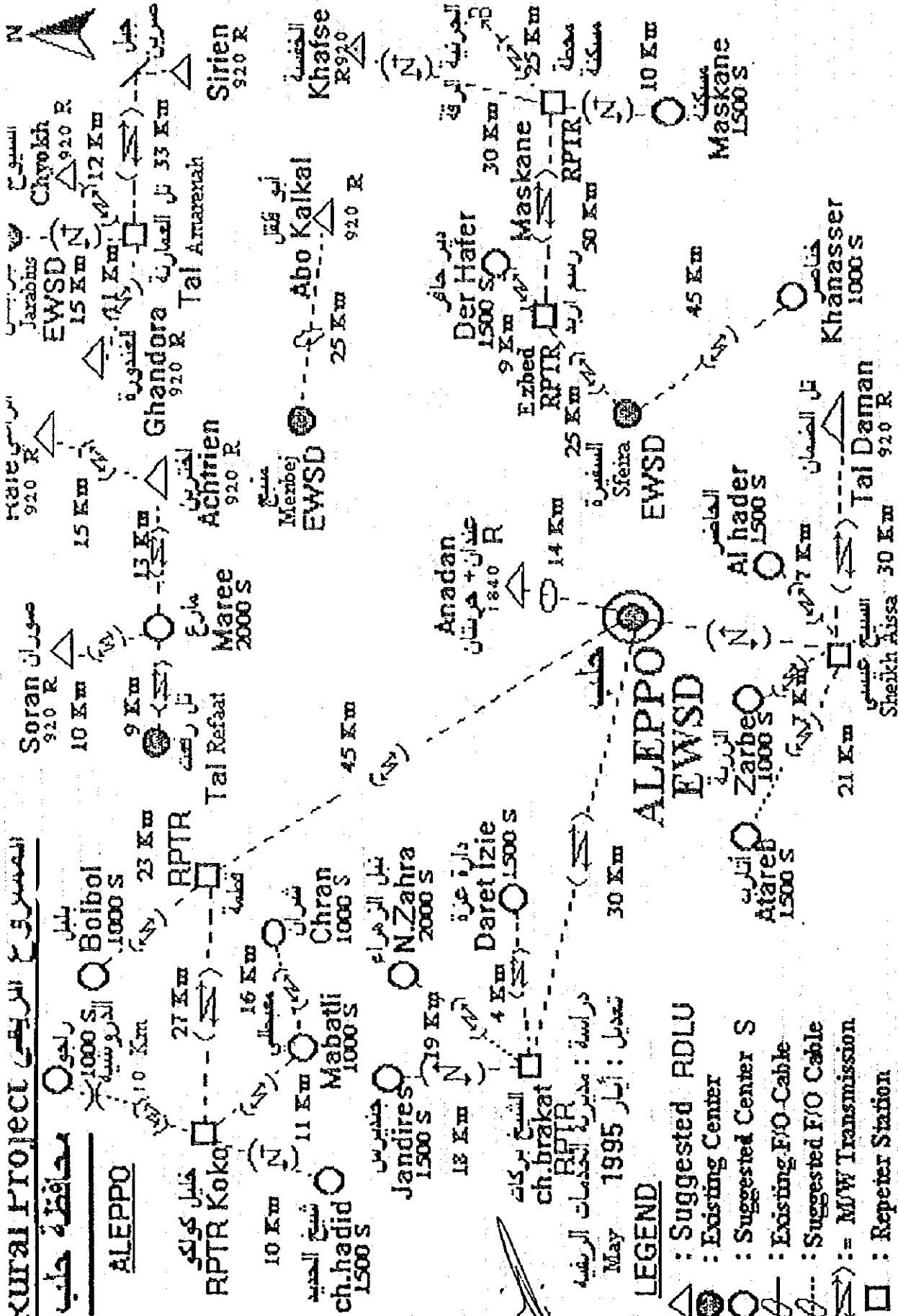
- - - - - : Suggested F/O Cable
- : Existing Center
- △ : Suggested Center RDLU
- (---) : MW Transmission
- : Repeter Station



**KURAI PROJECT** المصروع الريفي الحبيب

**محافظة حلب**

**ALEPPO**



دراسة : مديرية الخدمات الريفيه  
 تعديل : أيار 1995  
 May

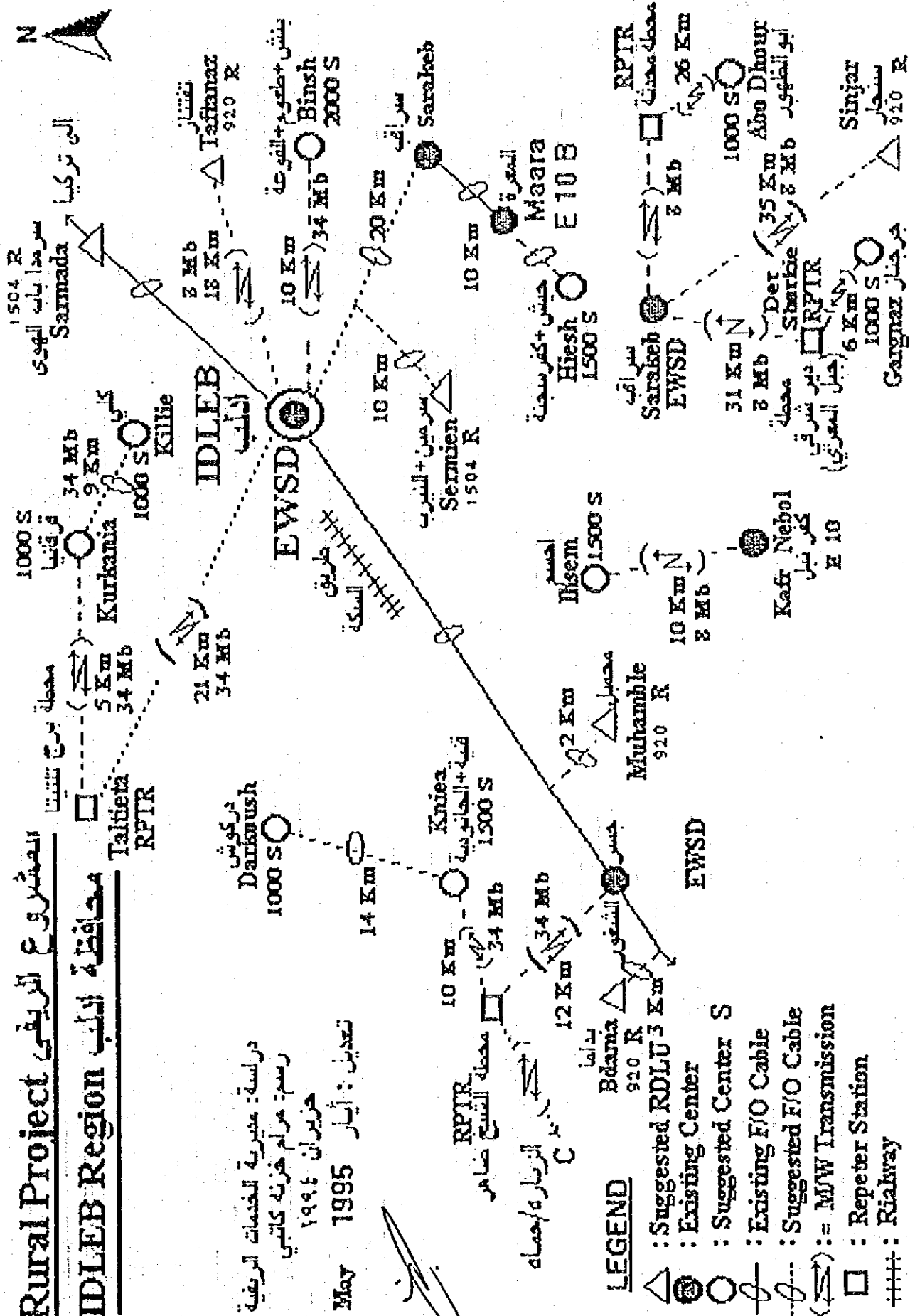
**LEGEND**

- △ : Suggested RDLU
- : Existing Center
- : Suggested Center S
- : Existing F/O Cable
- : Suggested F/O Cable
- (---) : M/W Transmission
- : Repeter Station

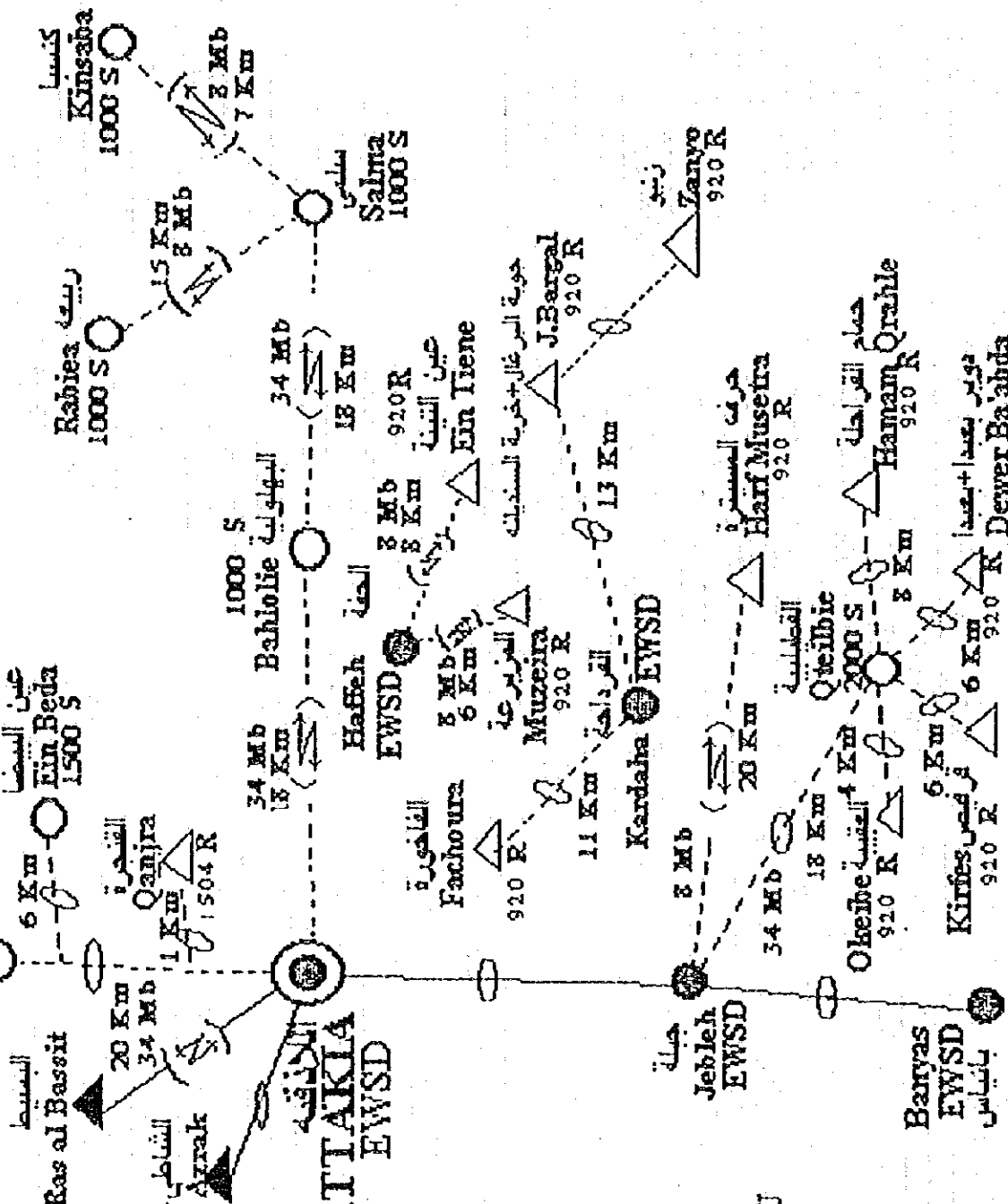
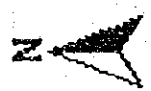
# المشروع الريفي الريفى IDLEB Region

دراسة: مديرية الخدمات الريفية  
رسم: مرام خزنة كاتبي  
حزيران ١٩٩٤

تعديل: أيار 1995



# المشروع الريفي LATAKIA



دراسة: مديرية الخدمات الريفيه  
رسم: مراد خزنة كاتبي  
حزيران ١٩٩٤  
May 1995 تعديل:

## LEGEND

- △ : Suggested Center RDLU
- : Existing Center
- : Suggested Center S
- : Existing FIO Cable
- - - : Suggested FIO Cable
- (S) : MW Transmission

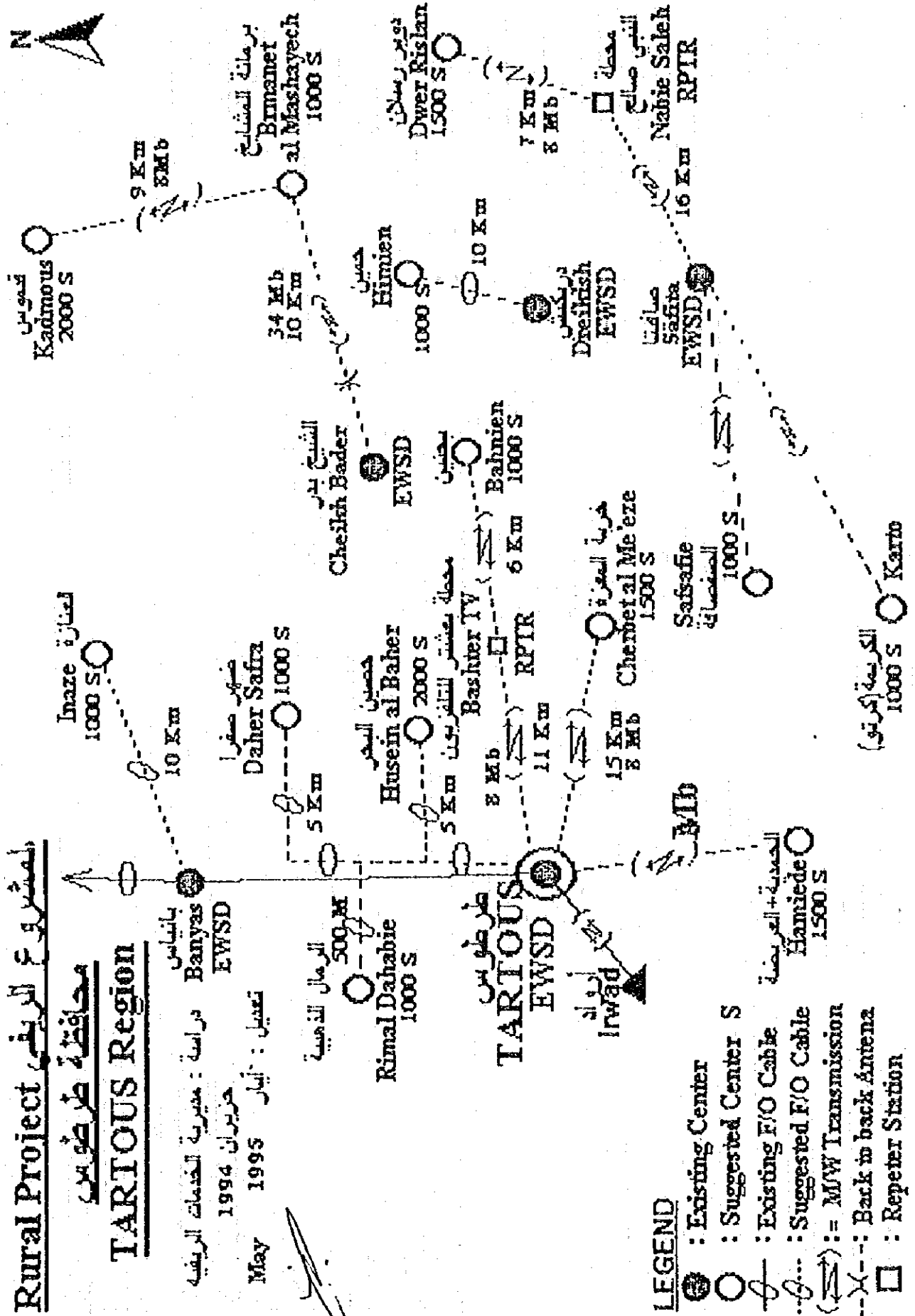
# المشروع الريفي، Tartous

## محافظة طرطوس

### TARTOUS Region

بانياس Banyas EWSD  
دراسة : مديرية الخدمات الريفيه  
حزيران 1994

تعميل : أيار 1995

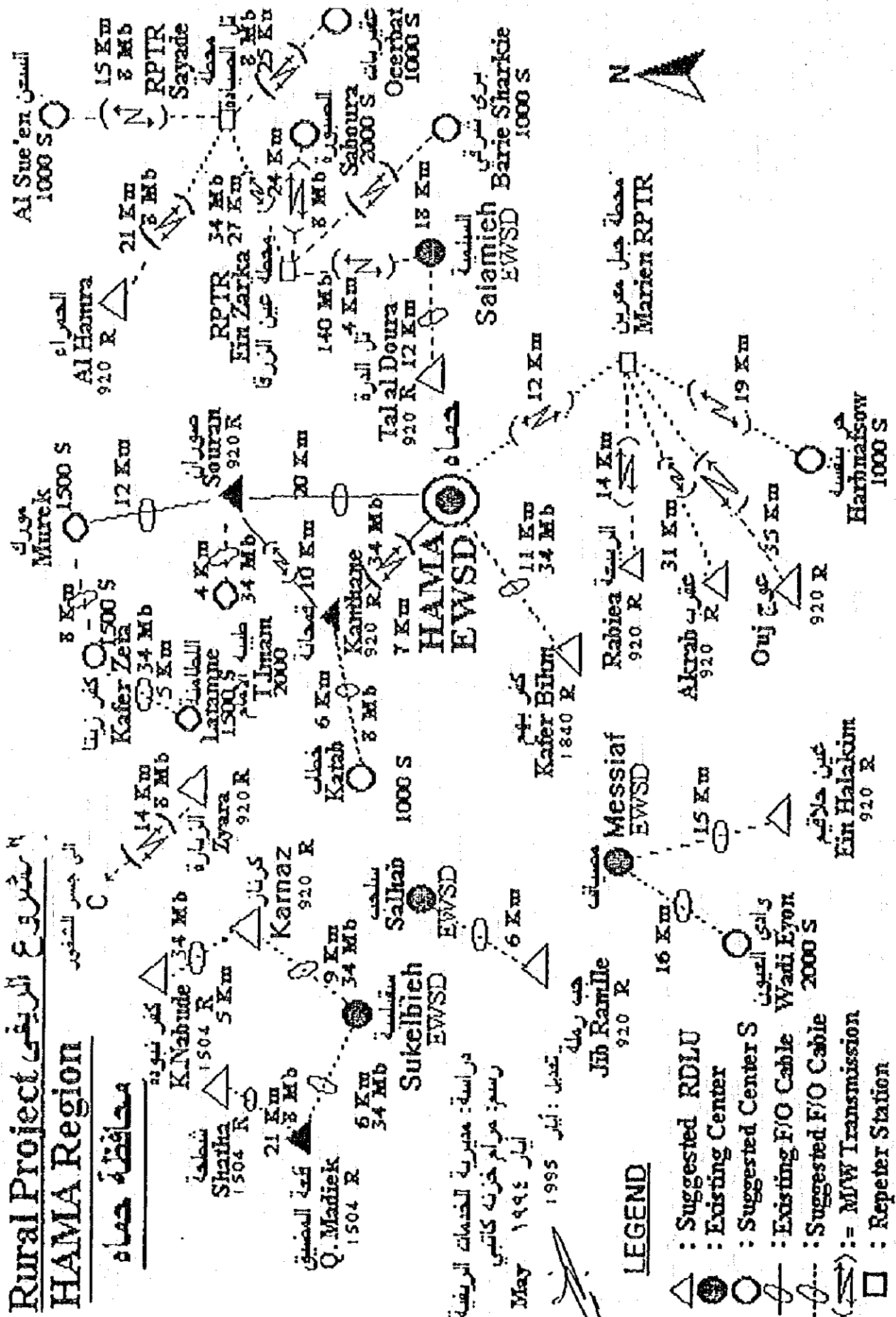


#### LEGEND

- : Existing Center
- : Suggested Center S
- : Existing F/O Cable
- ⋯ : Suggested F/O Cable
- (---) : M/W Transmission
- x- : Back in back Antenna
- : Repeater Station

# Rural Project الريفي الريفية HAMLA Region

## محافظة حماة



### LEGEND

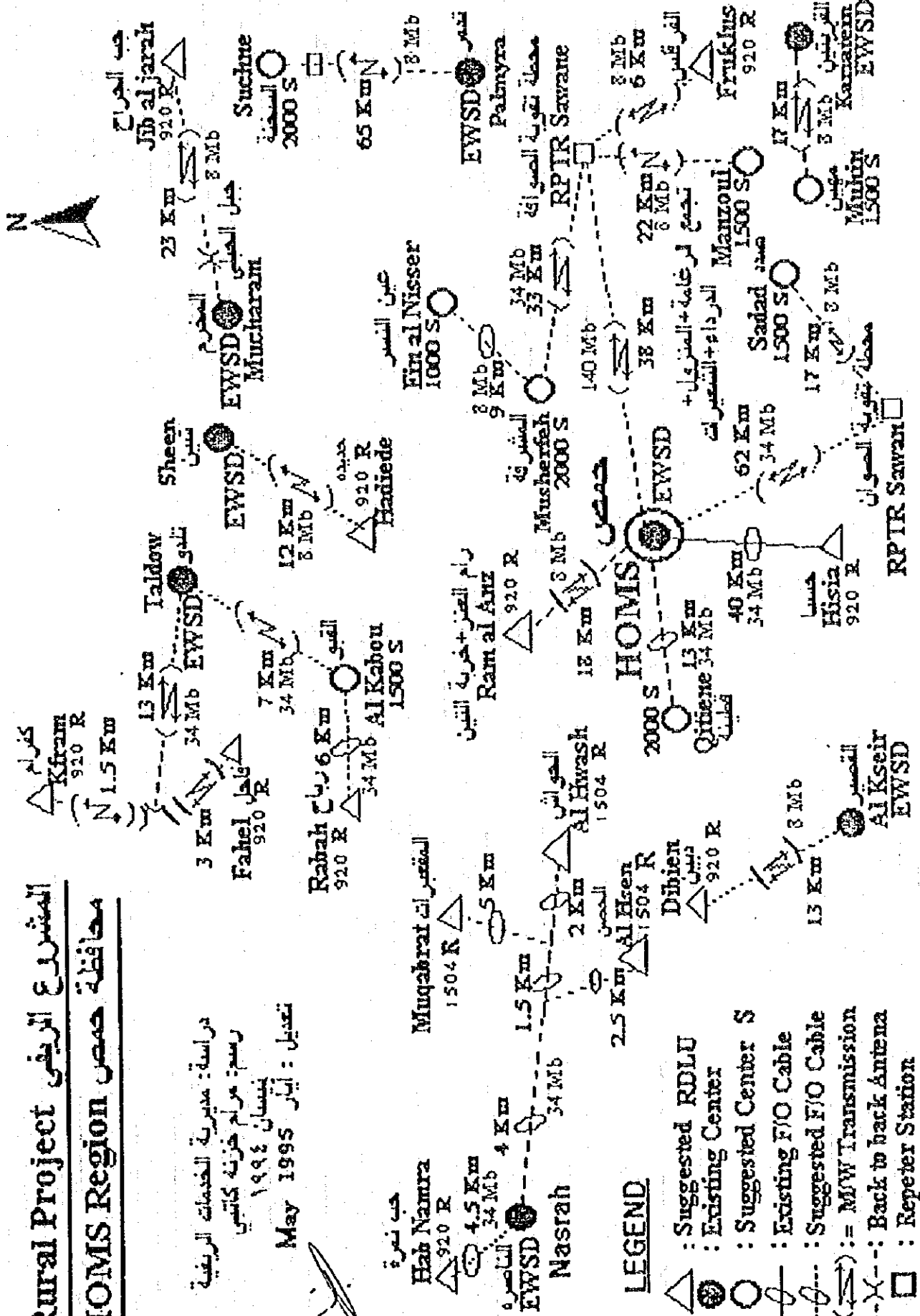
- △ : Suggested RDLU
- : Existing Center
- : Suggested Center S
- : Existing F/O Cable
- : Suggested F/O Cable
- (---) : MW Transmission
- : Repeter Station

دراسة: مديرية الخدمات الريفية  
رسم: مرام خزنة كاتبي  
أيار ١٩٩٤  
تسجيل: أيار ١٩٩٥

# Rural Project الريفي المشروع

## HOMS Region حمص محافظة

دراسة: مديرية الخدمات الريفية  
 رسم: مرام خزنة كاتبي  
 نيسان ١٩٩٤  
 تعديل: ايار 1995 May



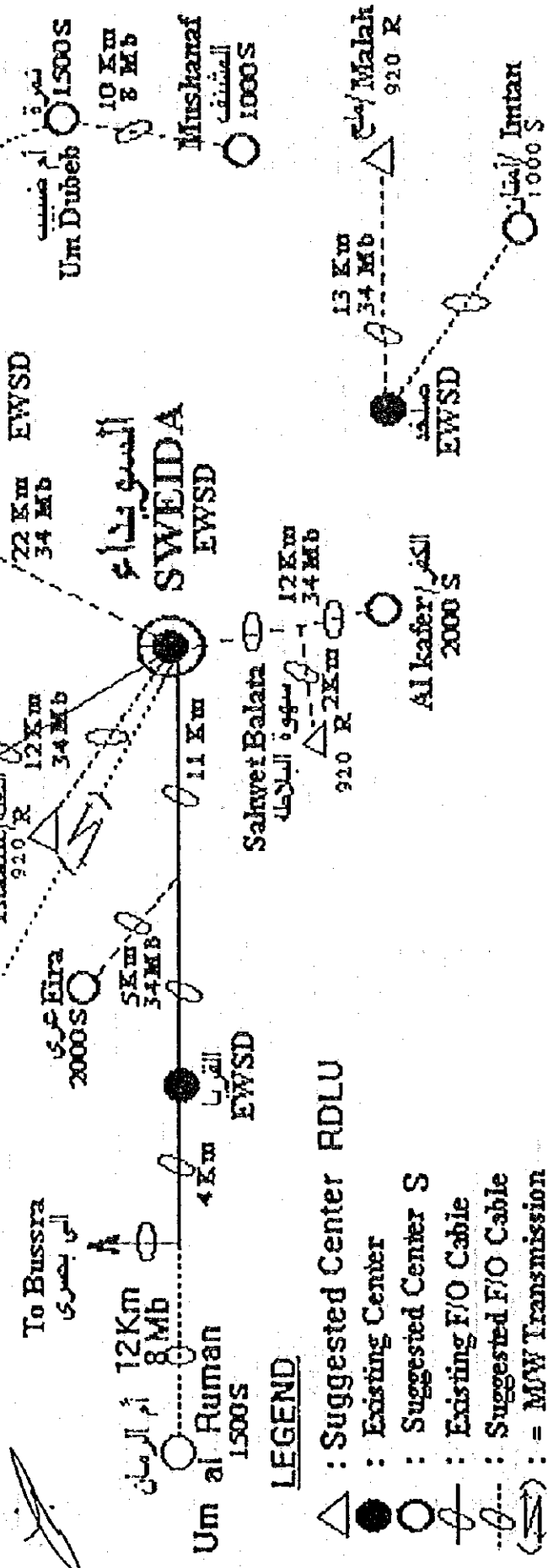
- LEGEND**
- △ : Suggested RDLU
  - : Existing Center
  - : Suggested Center S
  - : Existing F/O Cable
  - : Suggested F/O Cable
  - (---) : MSW Transmission
  - X--- : Back to back Antena
  - : Repeter Station

Rural Project الريفي المشروع " To Izra'a

**SWEIDA REGION**

**محافظة السويداء**

دراسة: مديرية الخدمات الريفية  
 رسم: مرام خزنة ككتبي  
 نيسان ١٩٩٤  
 تعديل أيار 1995  
 May



- LEGEND**
- △ : Suggested Center RDLU
  - : Existing Center
  - : Suggested Center S
  - |— : Existing F/O Cable
  - - -| - - - : Suggested F/O Cable
  - (S) : = MSW Transmission



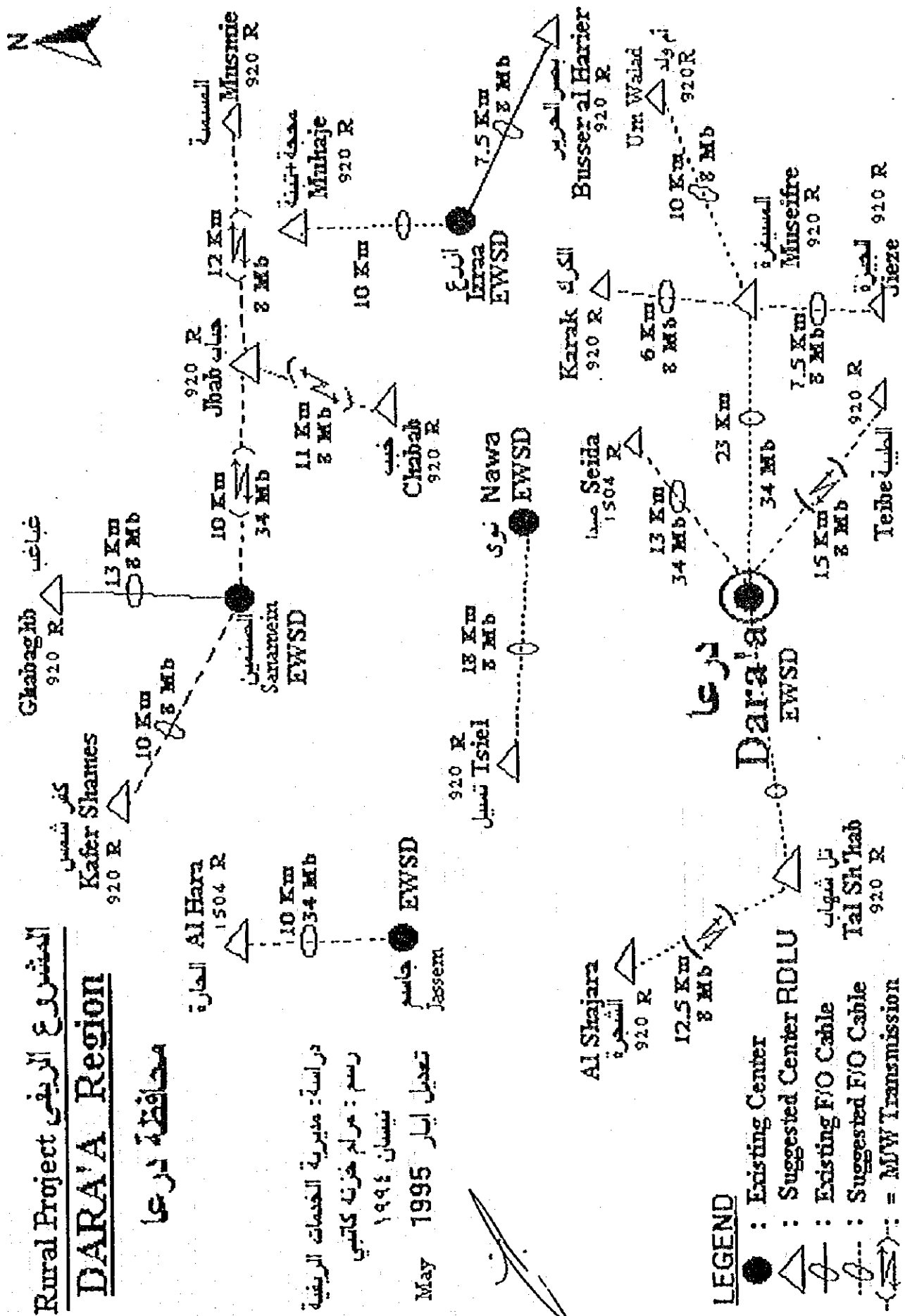
المشروع الريفي

**DARA'A Region**

محافظة درعا

دراسة: مديرية الخدمات الريفية  
 رسم: مرام خزينة كاتبي  
 نيسان ١٩٩٤

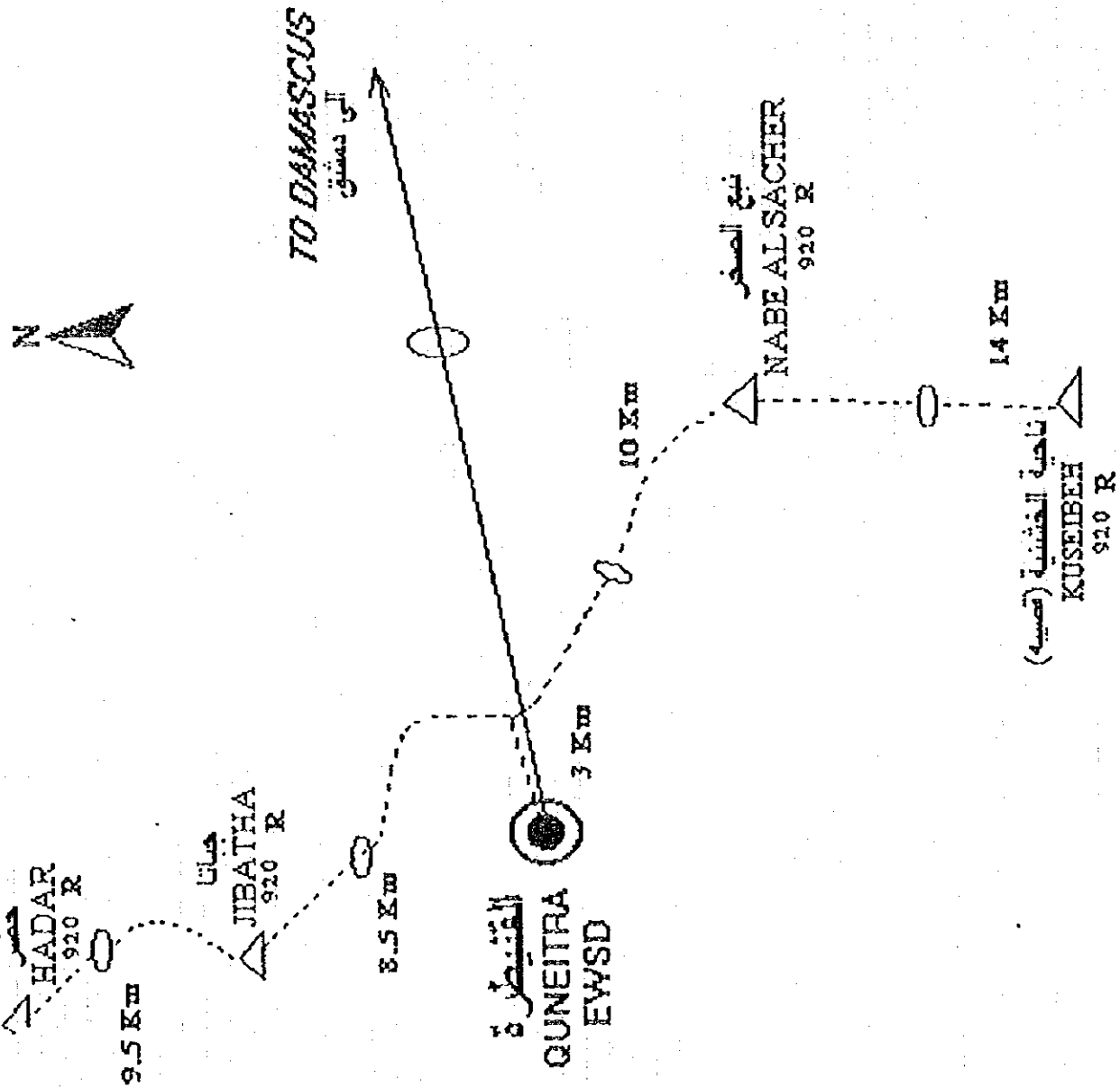
تعديل ايار 1995



# المشروع الريفي القنيطرة

## محافظة القنيطرة

### QUNEITRA REGION



دراسة: مديرية الخدمات الريفية  
رسم: مراد خزنة كاتبي  
نيسان ١٩٩٤

May 1995 ايار 1995

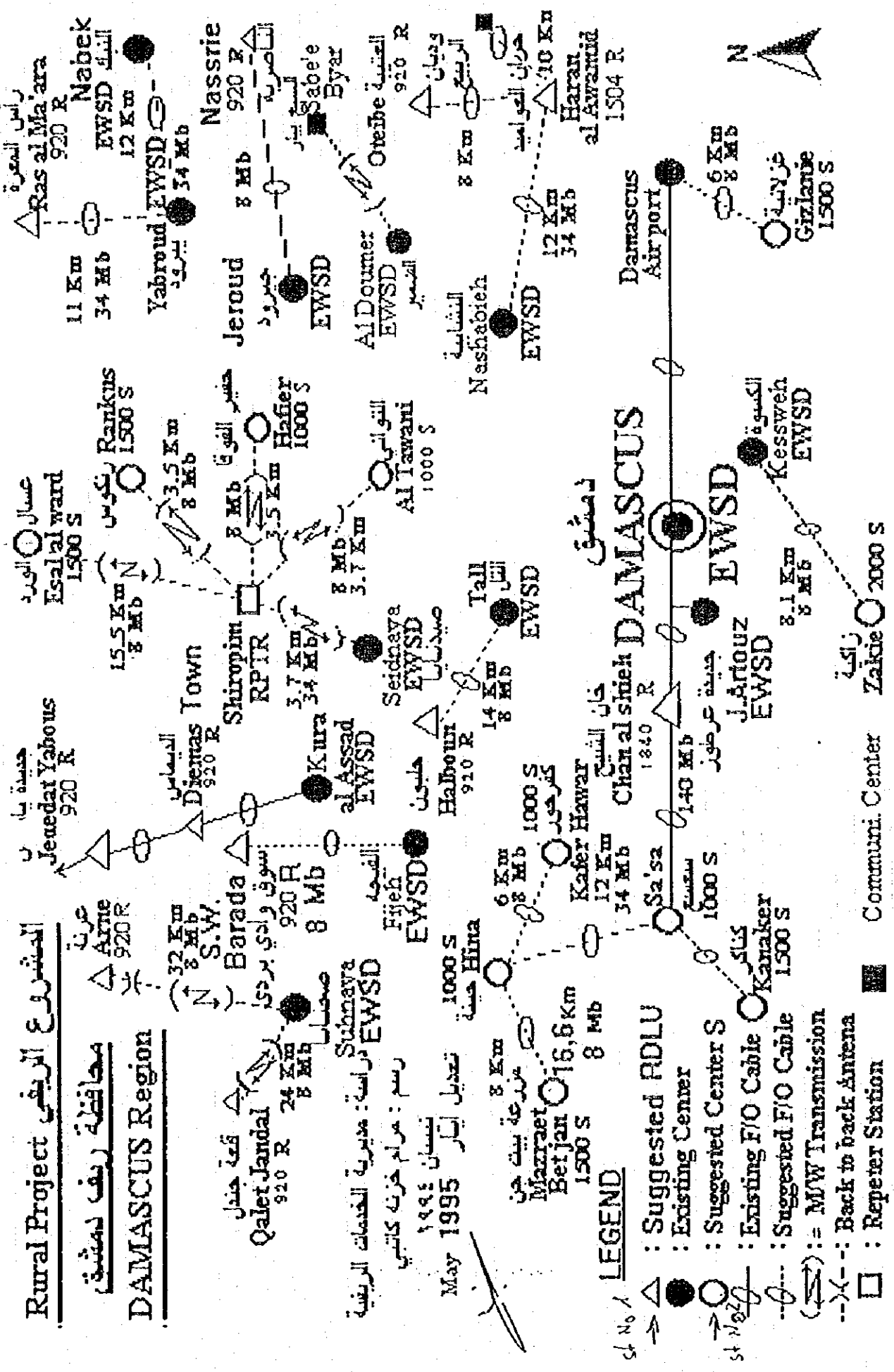
#### LEGEND

- : Existing Center
- ▲ : Suggested Center RDLU
- : Existing FIO Cable
- -○- - : Suggested FIO Cable

# المشروع الريفي دمشق

## محافظة ريف دمشق

### DAMASCUS Region

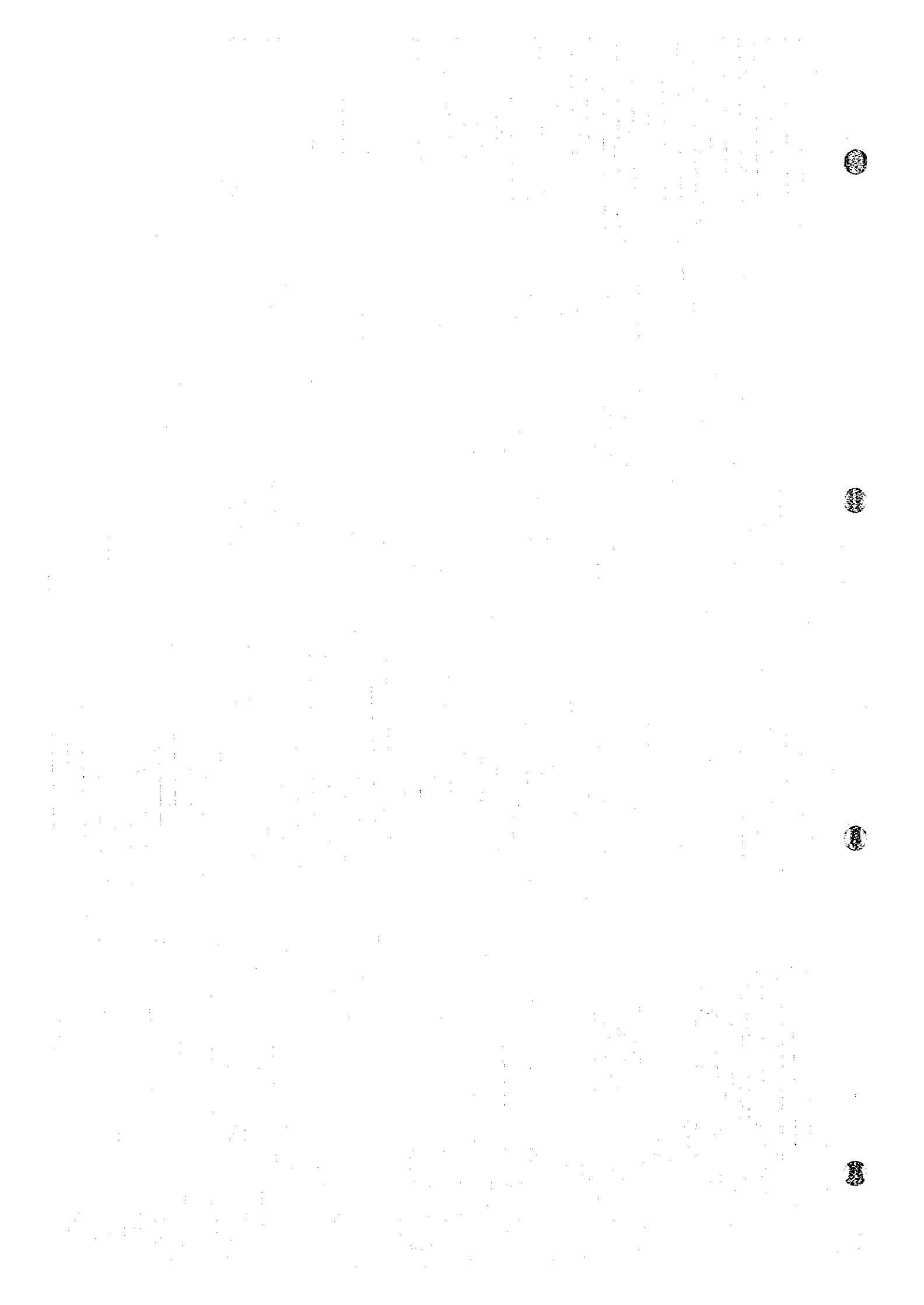


رسم : مرام خزنة كاتب  
 تخطيط آيار 1995  
 نيسان 1994

مديرية الخدمات الريفية

#### LEGEND

- Δ : Suggested RDLU
- ● : Existing Center
- ○ : Suggested Center S
- : Existing F/O Cable
- : Suggested F/O Cable
- (---) : MW Transmission
- : Back to back Antena
- : Repeter Station



D-14

Data Records Damascus Network Exchanges, End of one Million

No. of in 1996



Damascus outside plant

DATA records for Damascus network Exchanges , end of one million NO. in 1996

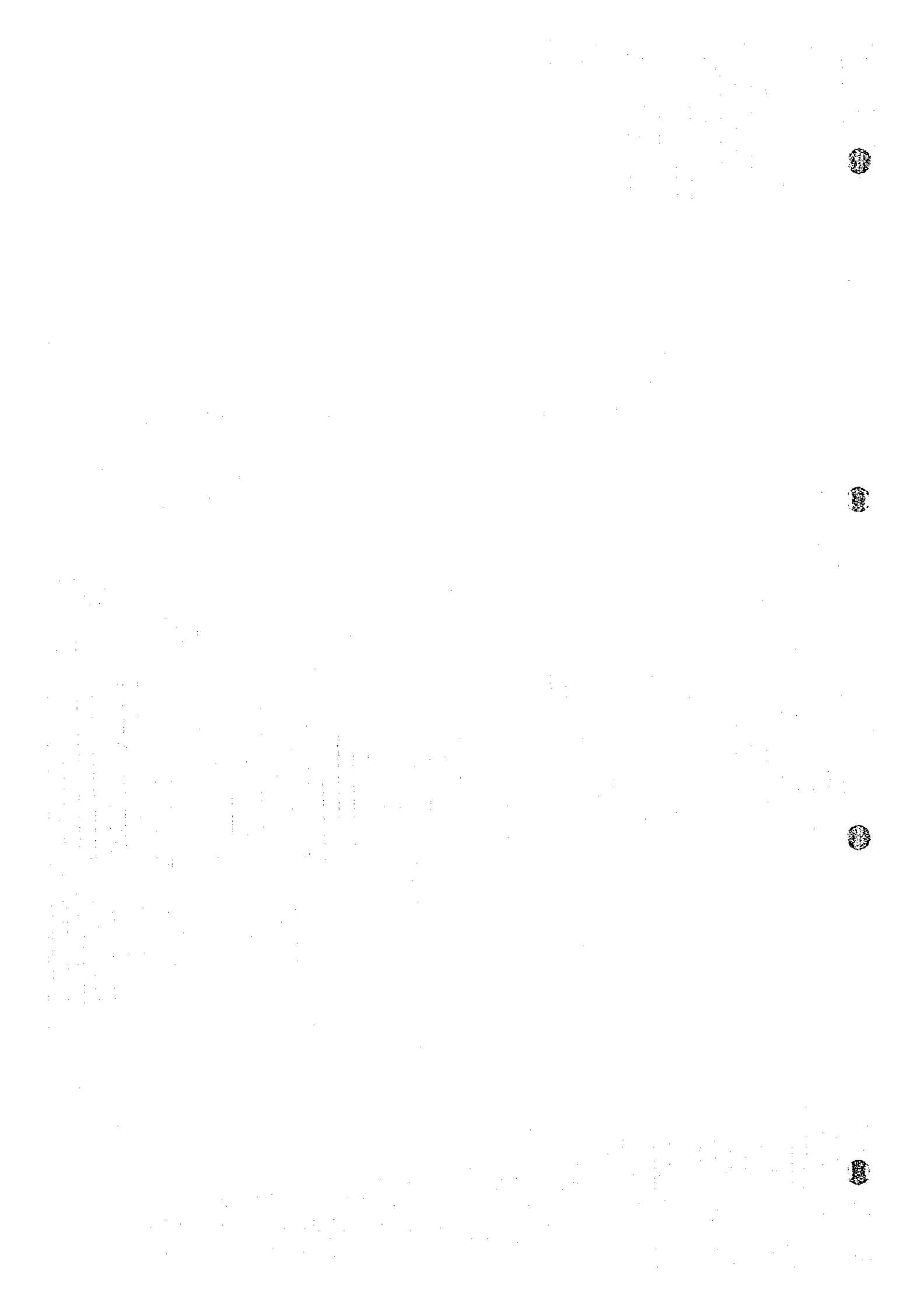
The center	Center Code	Capacity	MDF	Primary Cable's length	NO. of cabinet	NO. of Secondary Cable Pairs	Length Of Primary Cables	NO. Cabinet	NO. of Primary		Length Of Ducts	Multiplied By NO. Of Ducts	NO. of Distribution Boxes
									Cable Pairs	Ducts			
Al Naser	A	40,000	64,000	59,000	219.00	95,000	59,000	219.00	60,500	9,800	150,000	5,350	
Bagdad	C	40,000	85,400	63,000	209.00	80,500	63,000	209.00	62,000	11,000	170,000	4,000	
Midan	F	17,000	24,000	32,000	76.00	31,000	31,000	76.00	22,000	13,000	142,000	1,600	
Rukn Al Dein	E	10,000	16,200	22,165	51.00	31,800	22,165	51.00	13,350	7,459	91,900	1,098	
Jala'a	B	30,000	38,000	39,000	114.00	54,000	29,000	114.00	36,500	9,000	103,000	2,800	
Muhagiriin	G	23,000	28,000	16,000	72.00	31,000	16,000	72.00	26,500	6,200	38,000	1,800	
BabSharqi	H	30,000	36,000	3,669	89.00	51,600	36,190	89.00	29,800	14,750	116,200	2,450	
Old Mezzeh	D1 & D2	25,000	27,200	29,000	85.00	33,000	29,000	85.00	26,500	11,000	117,000	2,500	
Yarmouk	L	30,000	63,000	85,000	350.00	135,000	85,000	350.00	61,500	21,000	230,000	7,800	
Barrzeh	M	30,000	46,000	68,000	135.00	69,000	68,000	135.00	42,000	18,000	198,000	3,900	
Dummar	O	15,000	16,000	23,000	48.00	23,000	21,000	48.00	14,800	9,000	93,000	1,400	
KufrSuseh	K	25,000	30,500	32,000	93.00	42,000	31,000	93.00	28,000	11,500	85,000	2,100	
New Mezzeh	D3	25,000	47,000	28,000	62.00	38,000	8,000	62.00	26,000	9,500	103,000	1,950	
Thawreh	I	15,000											
<b>SUM</b>		<b>355,000</b>	<b>521,300</b>	<b>499,834</b>	<b>1603.00</b>	<b>714,900</b>	<b>498,355</b>	<b>1603.00</b>	<b>449,450</b>	<b>151,209</b>	<b>1,637,100</b>	<b>38,748</b>	





D-15

Statistical Table Analysis for Telephone Troubleshooting for 1995



*Statistical Table Analysis For Telephon  
Troubleshooting For 1995*

first quarter

for 1995

The city center	Subscriber's average NO	Complaiance sum	Troubleshooting sum	Percentage
Al naser	40000	7224	4684	3.9033333
Al jala'a	30000	3700	2876	3.1955555
Bagdad	40000	5450	4650	3.875
Al mazeh 1-2	25000	4500	3538	4.7173333
Almazeh 3	0	0	0	wrong
Rukn Aldein	10800	5285	2619	8.0833333
Al Midan	17000	9500	8570	16.803921
Al Muhajiren	16100	2862	2274	4.7080745
Bab Sharqi	17900	2520	2206	4.1080074
Kufr Suseh	0	0	0	wrong
Al Thawreh	0	0	0	wrong
Dummer	0	0	0	wrong

second qurater

The city center	Subscriber's average NO	Complaince sum	Troubleshooting sum	Percentage
Al naser	40000	6508	4751	
Al jala'a	20000	5217	1814	2.0155555
Bagdad	40000	10174	4520	3.7666666
Al mازه 1-2	25000	4629	2310	3.085333
Almزه 3	0	0	0	wrong
Rukn Aldein	10800	4670	2050	6.3271604
Al Midan	17000	11365	7704	15.10588
Al Muhajiren	23000	2898	2098	3.04057
Bab Sharqi	18000	685	581	1.075925
Kufr Suseh	0	0	0	4.1080074
Al Thawreh	0	0	0	wrong
Dummer	0	0	0	wrong

third quarter

The city center	Subscriber's average NO	Complaince sum	Troubleshooting sum	Percentage
Al naser	40000	7209	5593	4.66083
Al jala'a	30000	4883	2798	3.1088888
Bagdad	40000	8203	3850	3.2083333
Al mazeh 1-2	25000	5414	3053	4.0706666
Almazeh 3	0	0	0	wrong
Rukn Aldein	10800	2000	2100	6.48
Al Midan	17000	12680	6267	12.305883
Al Muhajiren	23000	2218	1813	2.6275366
Bab Sharqi	0	2954	2140	2.3777777
Kufr Suseh	0	0	0	wrong
Al Thawreh	0	0	0	wrong
Dummer		0	0	wrong

fourth quar

The city center	Subscriber's average NO.	Complaine sum	Troubleshooting sum	Percentage
Al naser	40000	5963	4517	2.7558333
Al jala'a	30000	6319	4846	5.3844444
Bagdad	40000	10299	6308	5.2566666
Al mazel 1-2	25000	5867	4390	5.8533333
Almazel 3	0	0	0	wrong
Rukn Aldein	10800	2050	2115	6.527
Al Midan	17000	13810	6150	12.058
Al Muhajiren	22000	2746	2309	3.346376
Bab Sharqi	30000	3054	2537	2.8188888
Kufr Suseh	0	0	0	wrong
Al Thawreh	0	0	0	wrong
Dummer	15000	1290	1057	2.348888





D-16

Cost Analysis of Typical Network Construction Projects



## Ducts & Monkol

### Ducts of three routes

The first : it's length is 1500 m X 6 ducts in it 21 rooms.  
The second : it's length 2000 m X 8 ducts in it 25 rooms  
The third : it's length 1000 m X 6 ducts in it 15 rooms

### Ducts length are:

$$9000 + 16000 + 6000 = 31000 \text{ m}$$

It's costs are :

$$31000 \times 220 = 6820000 \text{ S.P (Extending)}$$

It's digging cost are :

$$4500 \times 0.680 \times 1.1 = 3000 \text{ m}^3 \times 500 = 1500000 \text{ S.P (for Soils)}$$

$$2700 \text{ m}^2 \text{ (Asphalt) } \times 300 = 810000 \text{ S.P}$$

$$61 \text{ rooms} \times 75000 = 4575000 \text{ S.P}$$

Total Ducts costs are :

$$6820000 + 150000 + 810000 + 4575000 = 13705000 \text{ S.P}$$

### Secondary network digging costs:

$$35000 \times 0.40 \times 0.60 = 8400 \text{ m}^3$$

$$\text{Soils} \quad \quad \quad 6500 \text{ m}^3$$

$$\text{Diggings} \quad \quad 8400 \times 350 = 2940000 \text{ S.P}$$

$$\text{Soils} \quad \quad \quad 6500 \times 350 = 2275000 \text{ S.P}$$

$$\text{Asphalt} \quad \quad 14000 \times 300 = 4200000 \text{ S.P}$$

$$\text{Extending :} \quad \quad 55000 \times 5 = 275000 \text{ S.P}$$

$$\text{Total :} \quad \quad \quad 9690000 \text{ S.P}$$

## Sample

### Exchange capacity 10000 numbers

Primary network:

$$15000 = 7 \text{ cables} \times 1800 = 12600$$

Secondary Network :

$$20000 \text{ line :} = 2 \text{ cables} \times 1200 = 2400$$

**Distribution sets :**

42 sets capacity 900 each one with 300 primary.  
12 sets capacity 600 each one with 200 primary.

**Total**                      52 sets

I

**Distribution boxes:**

300 boxes with capacity 30 lines = 9000  
400 boxes with capacity 20 lines = 8000  
300 boxes with capacity 10 lines = 3000

**Connections :**

length of Armed cables diggings : are 35000 m

with capacity x 20  
300 x 6000 connections

capacity x 50  
200 x 10000 connections

capacity x 200  
150 x 30000 connections

Capacity x 150  
100 x 15000 connections

Capacity x 250  
75 X 18000 connections

Capacity x 200  
50 X 5000 connections

Capacity x 100  
30 X 3000 connections

Sum = 87000 connections

**Secondary cables :**

Capacity ( 300 ) = 1200 m  
Capacity ( 100 ) = 4500 m  
Capacity ( 30 ) = 13000 m

Capacity ( 200 ) = 2500 m  
Capacity ( 75 ) = 7500 m  
Capacity ( 20 ) = 8000 m

Capacity ( 150 ) = 6000 m  
Capacity ( 50 ) = 4000 m  
capacity ( 10 ) = 7500 m

**Primary Cables :**

1800 x 3000 m

1200 X 4000 m

600 x 4500 m

Costs of network installation

Subject Name	Unit	Estimated Quantity	Price S.P	Total S.P
Injected Plastic cable 1800 x 2 x 0.4	Meter	3000	1290.00	387000.00
Injected Plastic cable 1200 x 0.4	Meter	4000	892.00	3568000.00
Injected Plastic cable 900 x 0.4	Meter	6500	717.00	4660500.00
Injected Plastic cable 600 x 0.4	Meter	4500	493.00	2218500.00
Injected Plastic cable 300x 0.4	Meter	800	259.00	207200.00
Armed Plastic cable 300 x 0.4	Meter	1500	324.00	486000.00
Armed Plastic cable 200 x 0.4	Meter	2500	231.00	577500.00
Armed Plastic cable 150 x 0.4	Meter	6000	187.00	1122000.00
Armed Plastic cable 100 x 0.4	Meter	4500	133.00	598500.00
Armed Plastic cable 75 x 0.4	Meter	7500	111.00	832500.00
Armed Plastic cable 50 x 0.4	Meter	4000	88.00	352000.00
Armed Plastic cable 30 x 0.5	Meter	13000	79.00	1027000.00
Armed Plastic cable 20 x 0.5	Meter	8000	65.00	520000.00
Armed Plastic cable 10 x 0.5	Meter	7500	47.00	352500.00
Final Plastic connection	Number	9	4950.00	44550.00
Plastic connection to cable 1800	Number	45	3306.00	82650.00
Plastic connection to cable 1200	Number	31	3006.00	93186.00
Plastic connection to cable 900	Number	38	2546.00	96784.00
Plastic connection to cable 600	Number	27	1976.00	53352.00
Plastic connection to cable 300 - 200	Number	70	1178.00	82460
Plastic connection to cable 150 - 100	Number	350	950.00	332500.00
Plastic connection to cable 75 - 30	Number	450	874.00	393300.00
Wires connection	Number	840000	3.30	2770000.00
Distribution sets with capacity 900 line	Number	42	14700.00	617400.00
Distribution sets with capacity 600 line	Number	12	12465.00	149580.00
Distribution box 30 line	Number	300	823.00	246900.00
Distribution box 20 line	Number	400	705.00	282000.00
Distribution box 10 line	Number	300	646.00	193800.00
Iron Duct	Meter	3000	50.00	150000.00
Installation costs of 61 inspection rooms (HA)	Meter	61	75000.00	4575000.00
Ducts Installation costs	Meter	4500		9130000.00
Costs of civil work to the secondary network	Meter			9690000.00

Worker's cost for STE Staff

Estimated costs for S.T.E worker					
Items	N.O	Days N.O	Daily cost S.P	Total value S.P	Remarks
Engineer	1	350	250.00	87500.00	
Technical assistant	1	350	200.00	70000.00	
Test Director	1	200	200.00	40000.00	
Cable's workshop Director	1	90	200.00	18000.00	
Welder	10	300	250.00	750000.00	
Welder Assistance	10	300	180.00	540000.00	
Specialist worker	1	150	150.00	22500.00	
Normal worker	6	90	120.00	64800.00	
Car Driver	1	350	150.00	52500.00	
Lorry driver	1	90	200.00	18000.00	
Sum				1663300.00	
Estimated costs for Transportation & Oil					
Item	N.O	Days N.O	Daily cost S.P	Total value	
Car driver	1	350	500.00	175000.00	
Lorry driver	1	90	1500.00	135000.00	
Sum				310000.00	
Overall value					
Estimated value				49375826.00	
workers cost				1663300.00	
vehicles cost				31000.00	
Sum				51,069,926	

## Typical network exchange with capacity 10000 numbers

### Ducts network:

It consists of three routes:

The first is 1500 m length included 6 ducts with 21 rooms .

The second is 2000 m included 8 ducts with 25 rooms

The third is 1000 m length included 6 ducts with 15 rooms

So ducts length are :

$$9000 + 16000 + 6000 = 31000 \text{ m}$$

$$\text{And it's cost are : } 31000 \times 220 \text{ S.P} = 6820000 \text{ S.P}$$

$$\text{Diggings cost} \quad 4500 \times 0.6 \times 1.1 = 3000 \text{ m}^3 \times 500 \text{ S.P} = 500000 \text{ S.P}$$

$$\begin{aligned} \text{Asphalt costs} \quad & 2700 \text{ m}^2 \times 300 = 810000 \text{ S.P} \\ & 61 \text{ rooms} \times 75000 \text{ S.P} = 4575000 \text{ S.P} \end{aligned}$$

$$\text{Total ducts cost} \quad 682000 + 1500000 + 810000 + 4575000 = 13705000 \text{ S.P}$$

### Secondary network diggings cost are:

8400 m<sub>3</sub>

$$\begin{aligned} - \text{Digging cost} & \quad 8400 \text{ m}^3 \times 350 = 2940000 \text{ S.P} \\ - \text{Soil cost} & \quad 6500 \text{ m}^3 \times 350 = 2275000 \text{ S.P} \\ - \text{Asphalt cost} & \quad 14000 \text{ m}^3 \times 300 = 4200000 \text{ S.P} \\ - \text{Armed cables} & \quad 55000 \times 5 = 272000 \text{ S.P} \\ \text{Extending cost} & \end{aligned}$$

$$\begin{aligned} \text{Total of} & \quad 9690000 \text{ S.P} \\ \text{secondary} & \\ \text{network costs} & \end{aligned}$$

Material costs are : 25980626 S.P

Workers cost are : 1663300

vehicle costs are : 310000

**Secondary connection:**

Connections :  $8700 \times 2 = 174000$  connections

Number of connected lines are :  
 $87000 + 20000$  (boxes) = 107000

713 days	welding
713 days	welding assistant
200 days	technical assistant
200 drivers	
200 cars	

**Workers & vehicle costs :**

**Ducts :**

Technical assistant	1	150 days
Specialist worker	1	150 days
Cars	1	150 days
Car drivers	1	150 days

**Primary cables (extended by S.T.E)**

Technical assistant	90
Workshop director	90
6 workers	90
Holder cars	90
Lorry	90
Big cars	90

**Primary connections :**

325600 connection points

2170 days	welding
2170	Welding assistant
200 days	Cars
200 days	Technical assistant
200 days	drivers



**Estimated cost**

	US\$	In Syrian currency
Exchange	150	9100 S.P
Connections Between cities	50	
Local network	130	42 S.P = 1 US\$ 11.255 S.P = 1US\$
National & international	40	
Sum	370 US\$ + 9100 S.P	

Single line cost is 600 US\$

	Syrian currency	Foreign currency
Buildings	734	-
lands	133	1
National & International Exchange for subscribers	50	1800
Connection networks Between centers	134	525
Local subscribers networks	2616	1425
Vehicles	200	-
Custom fees	2200	-
Sum	6067	3750

$6067 + 3750 = 9817$







1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes the need for transparency and accountability in financial reporting.

2. The second part of the document outlines the various methods used to collect and analyze data. It includes a detailed description of the sampling process and the statistical techniques employed to interpret the results.

3. The third part of the document presents the findings of the study. It discusses the trends observed in the data and provides a comprehensive analysis of the factors influencing the outcomes.

4. The final part of the document offers conclusions and recommendations based on the research findings. It suggests areas for further investigation and provides practical advice for stakeholders involved in the process.

JICA