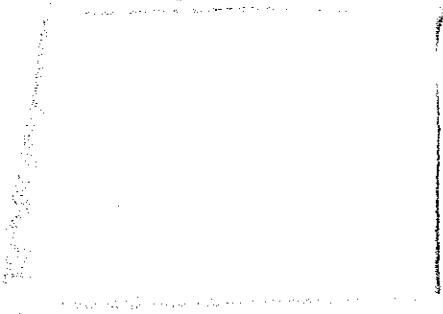


**REPORT ON IMPLEMENTATION DESIGN SURVEY TEAM
FOR
THE WATERSHED MANAGEMENT TECHNOLOGY DEVELOPMENT PROJECT
IN
SOUTH SULAWESI
IN
THE REPUBLIC OF INDONESIA
(BUILDING)
DRAWING-3**

January 1989

JAPAN INTERNATIONAL COOPERATION AGENCY

FDD
JR
89-2



I SUMMARY OF CONSTRUCTION

II LOCATION
FIELDSTATION (MALINO)

CATEGORY	NO	I T E M	NUMBER	AREA	m ² TOTAL
FIELD STATION	1	LABORATRY (HYDROLOGY)			
		// (SOIL CONSERVATION)			
		// (SILVICULTURE)			
		// (NURSERY)			
		COMPUTER ROOM			
		DRAFTING ROOM			
		STORAGE			
					492
OTHERS	2	CAR SHED			200
	3	MAINTENANCE WORKSHOP			100
	4	WAREHOUSE			200
	5	STORAGE FOR SPECIES			10
	6	SHED FOR FUEL			10
	7	// GENERATOR			30
			WATER TANK		

20023

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1077861[1]

MODEL ARER (SANGGIRINGAN)

GATEGORY	NO	I T E M	NUMBER	ARER	m ² TOTAL
NURSERY		WORK SHOP			400
		COMPOST HOUSE			48
FACILITIES		CAR SHED			200
		WARE HOUSE			50
		SHED FOR FUEL			10
		// GENERATOR			30
		SOIL PLACING HOUSE			50

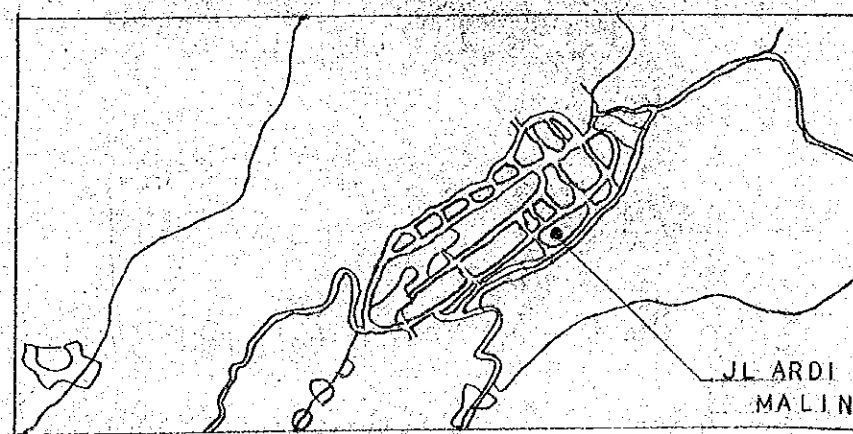
C O N T E N T

	N A M E	PAGE
FIELD STATION	PLOT AND LOCATION MAP	1
	VOL. 1 SURVEY	2
	VOL. 2 SURVEY	3
	OFFICE	4~7
	CAR SHED	8~11
	MAINTENANCE WORKSHOP	12~13
	WARE HOUSE	14~16
	STORAGE FOR SPECIES	17
	SHED FOR FUEL	18
	SHED FOR GENERATOR	19~20
	ERECTRIKEQUIPMENT	21
	WATER WORKS	22
MODEL ARER	STORAGE FOR SPECIES	17
	SHED FOR FUEL	18
	SHED FOR GENERATOR	19~20
	WATER WORKS	22
	WORK SHOP WARE HOUSE SOILPLACING HOUSE	23
	COMPOST HOUSE	24
	CAR SHED	25~26

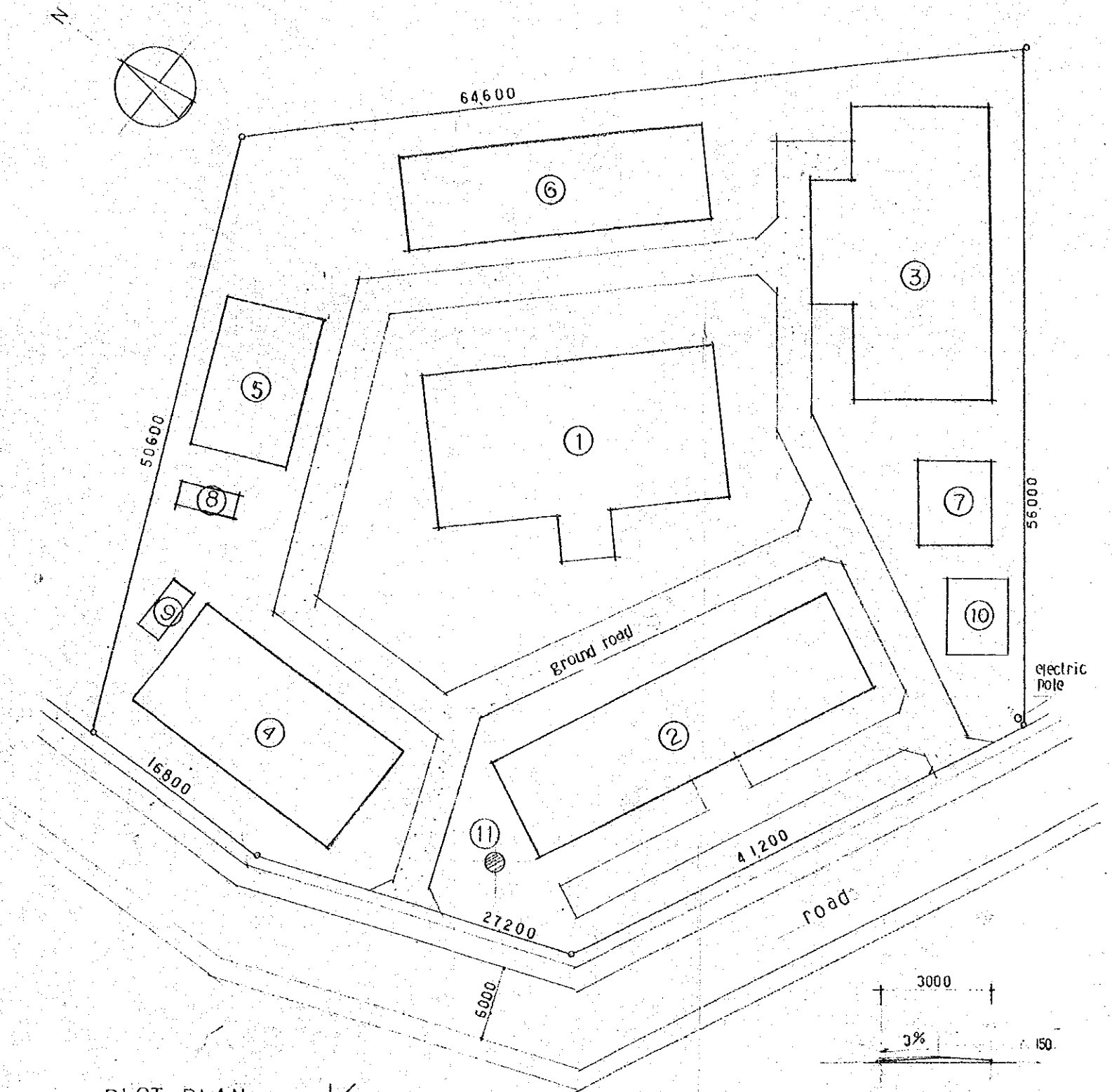
※ SEE PLAN OF GAUGING EROSION AND OTHERS (DRAWING-1) ABOUT PLOT AND LOCATION OF MODEL AREA BUILDINGS

FIELD STATION
(PLOT PLAN)

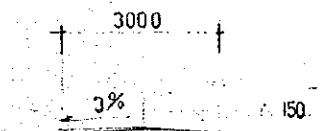
FIELD STATION (MALINO)						
BUILDING	STRUC TURE	FLOOR	SCEL	ARER	REMARKS	
1	OFFICE	CB.W	2	24 X 12 ⁵	537 ⁵	
2	/"	/"	2	30 X 8	492	
3	ACCOMMO DATION	/"	2	24 X 15	587	
4	CAR SHED	S	1	20 X 10	200	
5	MAINTENANCE WORKSHOP	S	1	12 ⁵ X 8	100	
6	WAREHOSE	W	1	25 X 8	200	
7	JANITORS ROOM	/"	1	7 X 6	42	
8	STORAGE FOR SPECIES	CB.W	1	2 X 5	10	
9	SHED FOR FUEL	CB.S	1	2 X 5	10	
10	/" GENERATOR	/"	1	6 X 5	30	TOTAL 2208 ⁵ M ²
11	WATER TANK	S			1	
12	OUTWARD STRUCTURE				1	



LOCATION MAP

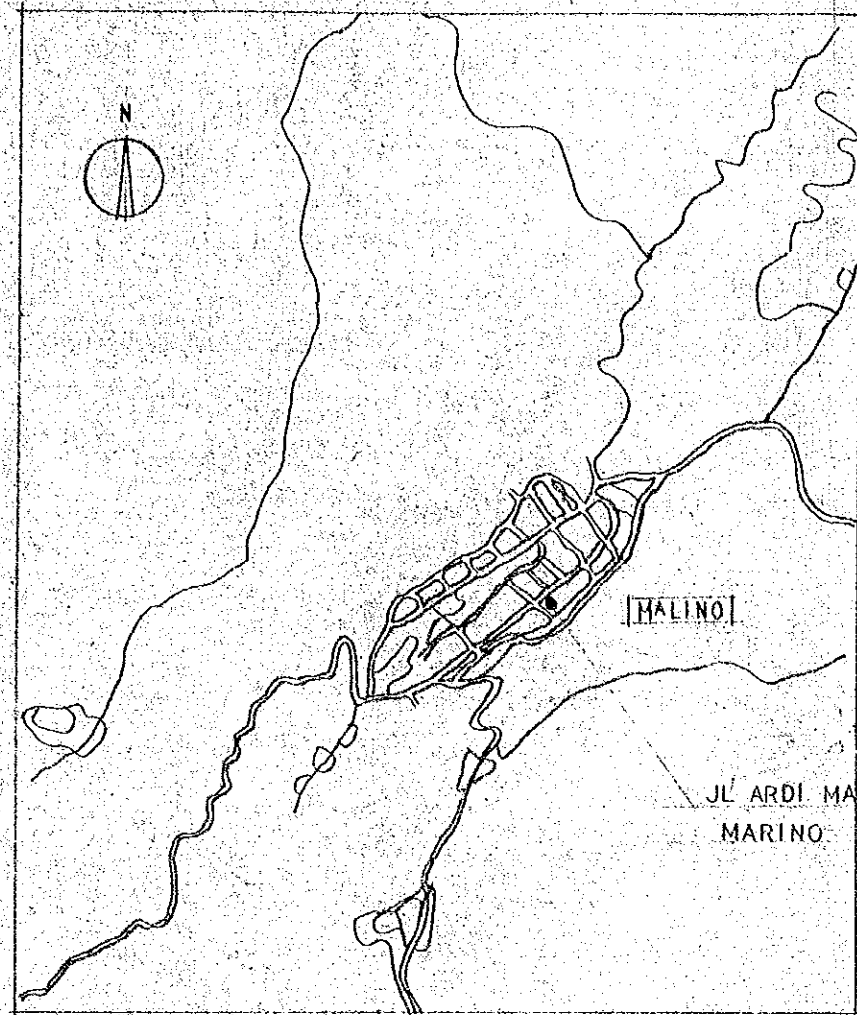


PLOT PLAN 1/300



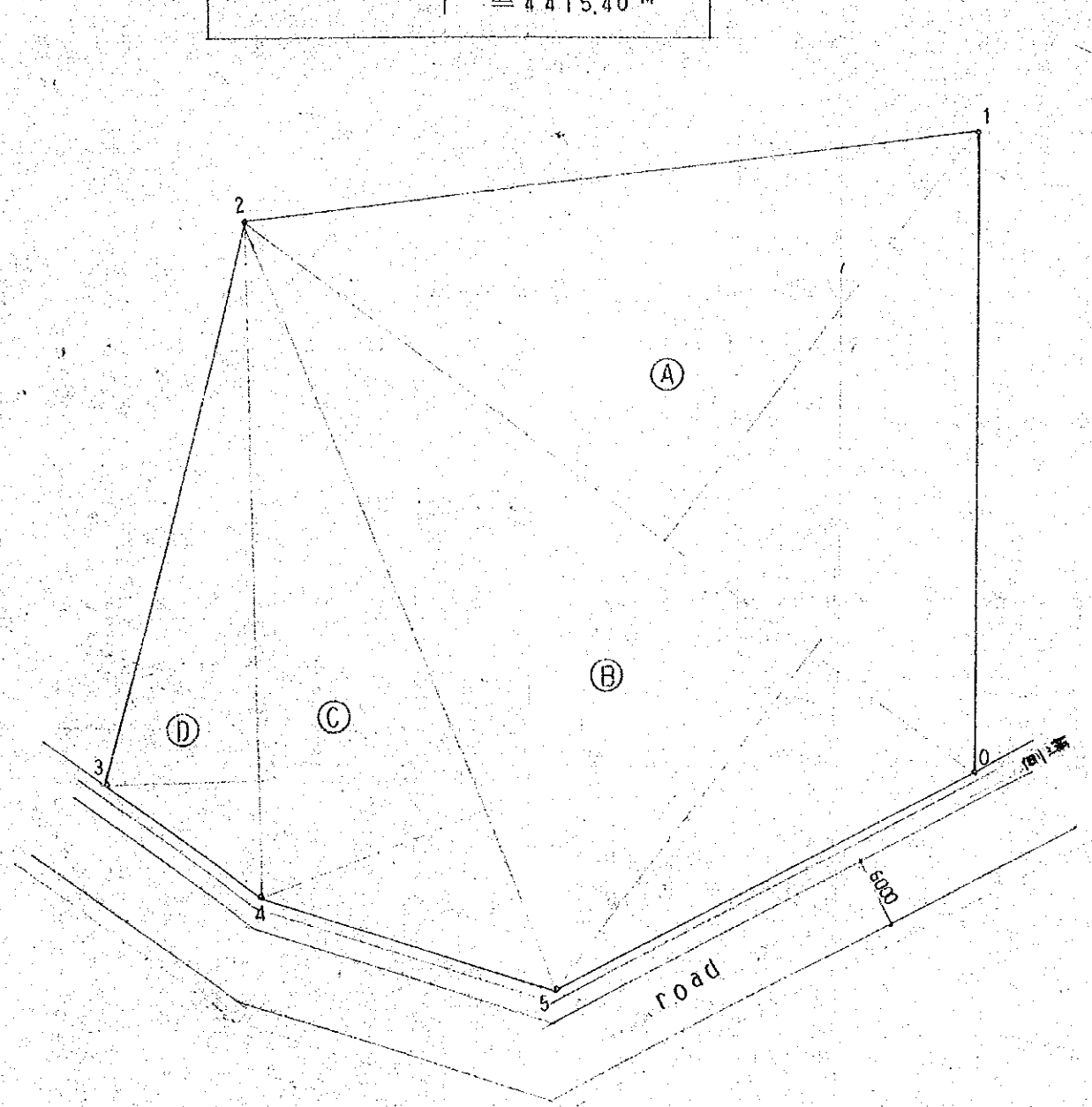
Ground road

FIELDSTATION



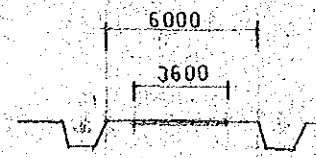
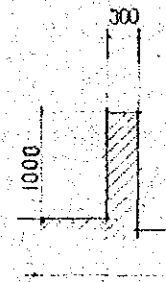
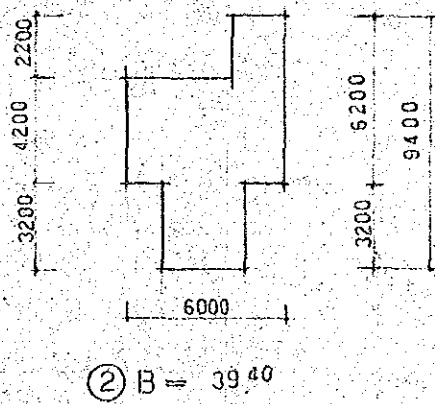
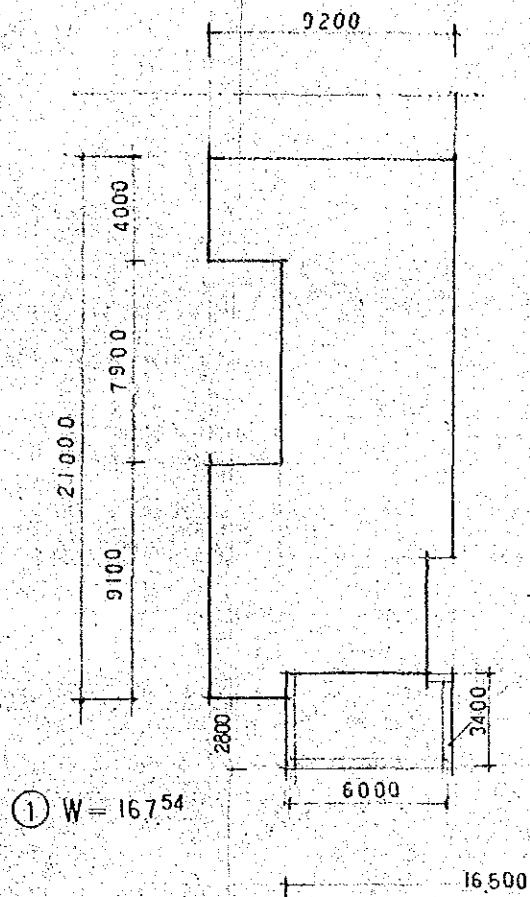
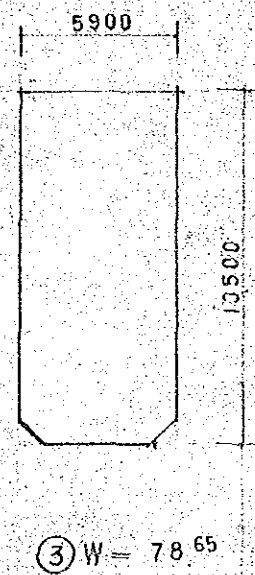
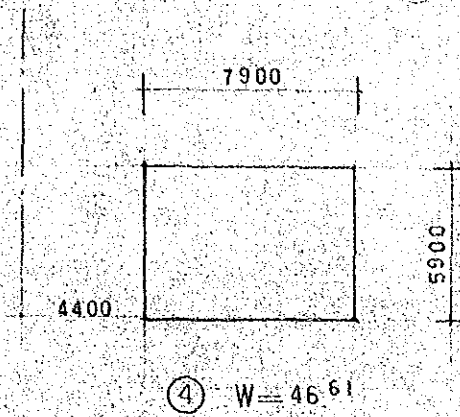
LOCATION MAP

Ⓐ	$798 \times 446 \times \frac{1}{2} = 1779.54$
Ⓑ	$798 \times 372 \times \frac{1}{2} = 1484.28$
Ⓒ	$724 \times 210 \times \frac{1}{2} = 760.20$
Ⓓ	$593 \times 132 \times \frac{1}{2} = 391.38$
T = 4415.40 M ²	

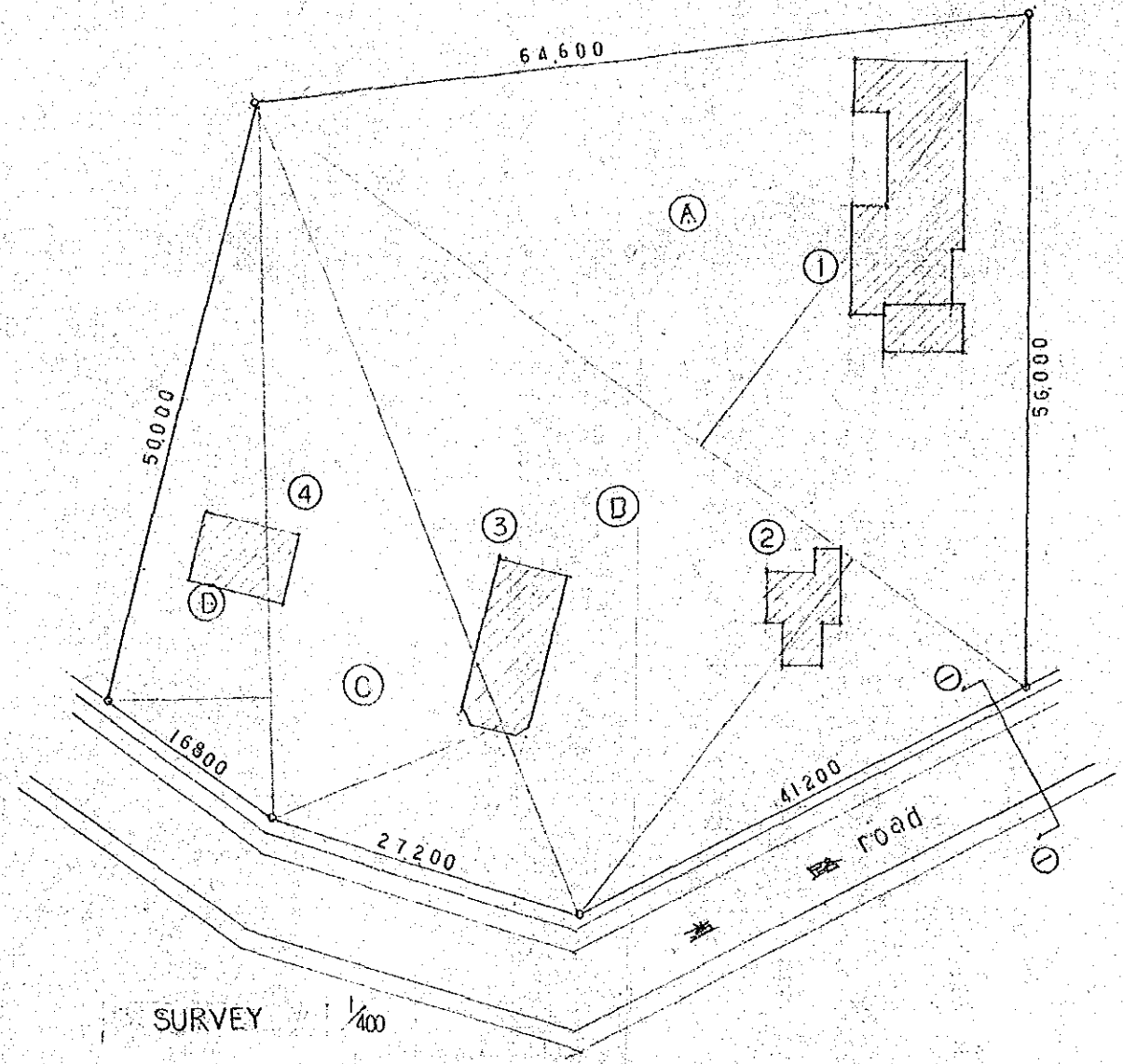


SURVEY 1/400

FIELD STATION

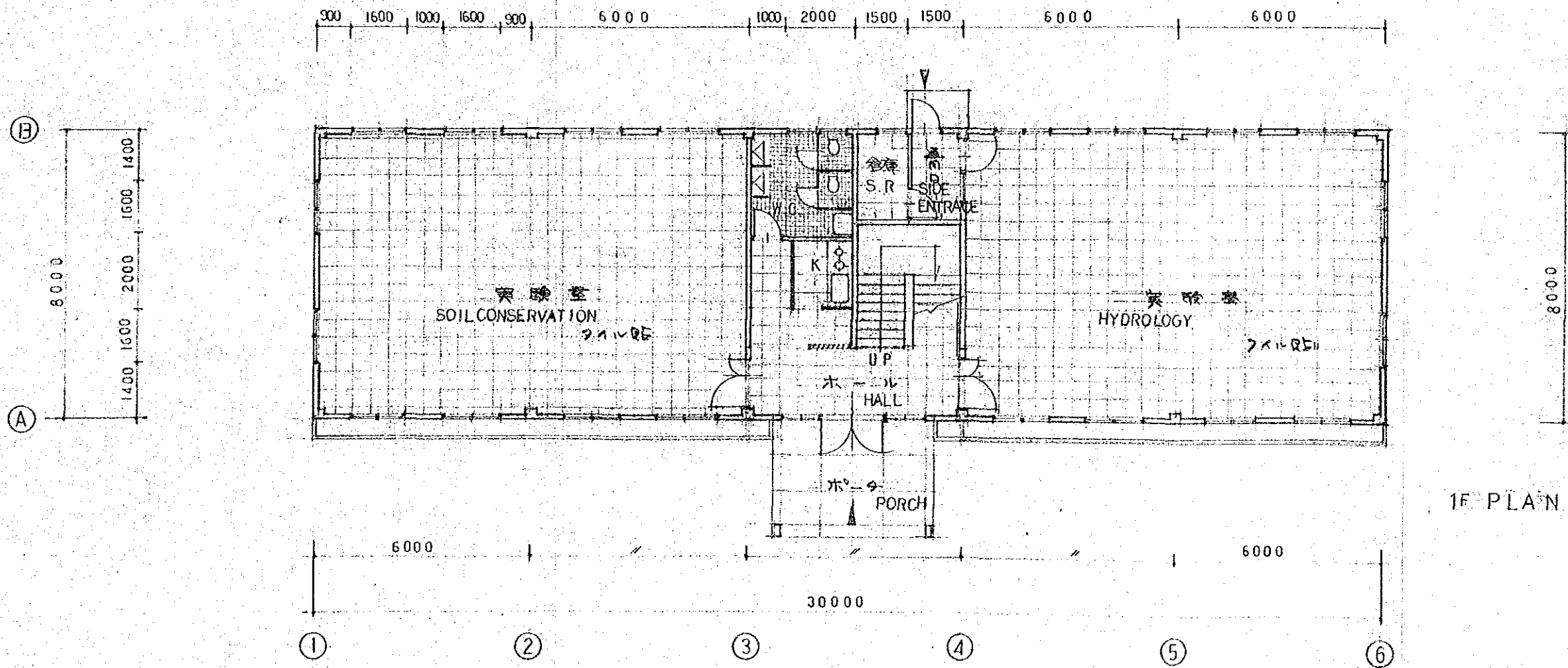
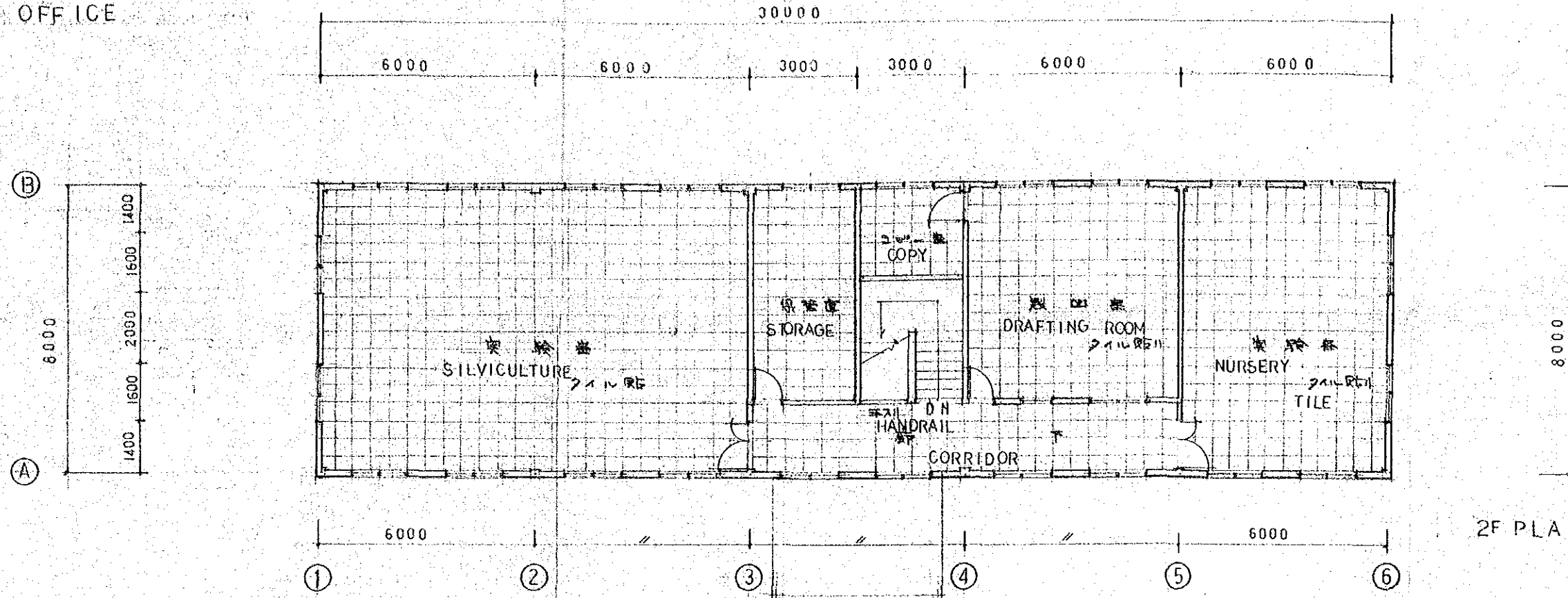


①① SECTION

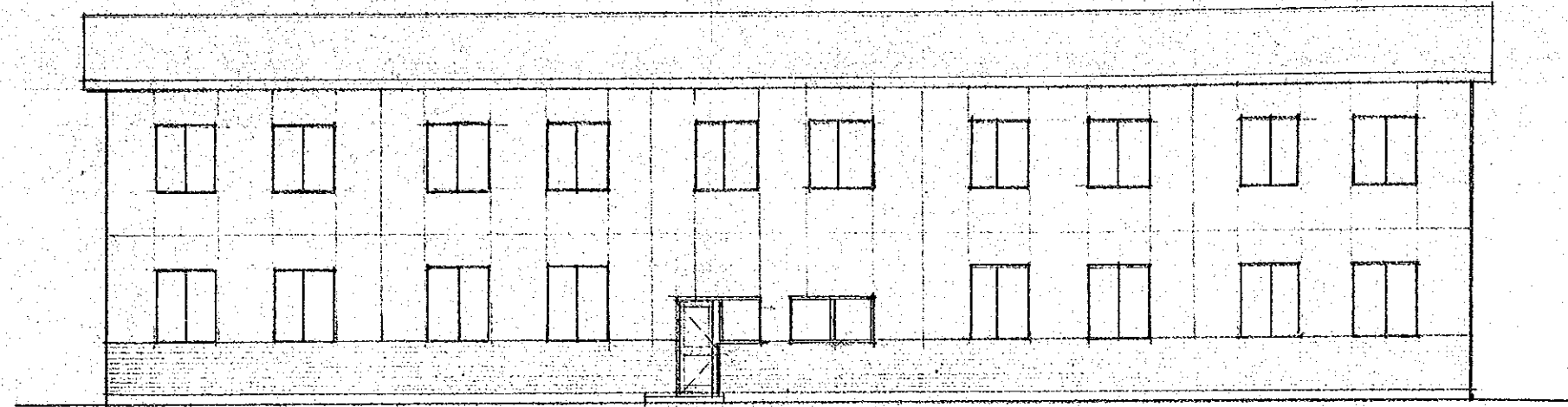


Ⓐ	$79.8 \times 44.6 \times \frac{1}{2} = 1779.54$
Ⓑ	$79.8 \times 37.2 \times \frac{1}{2} = 1484.28$
Ⓒ	$72.4 \times 21.0 \times \frac{1}{2} = 760.20$
Ⓓ	$59.3 \times 13.2 \times \frac{1}{2} = 391.38$
	$T = 4415.40 \text{ M}^2$

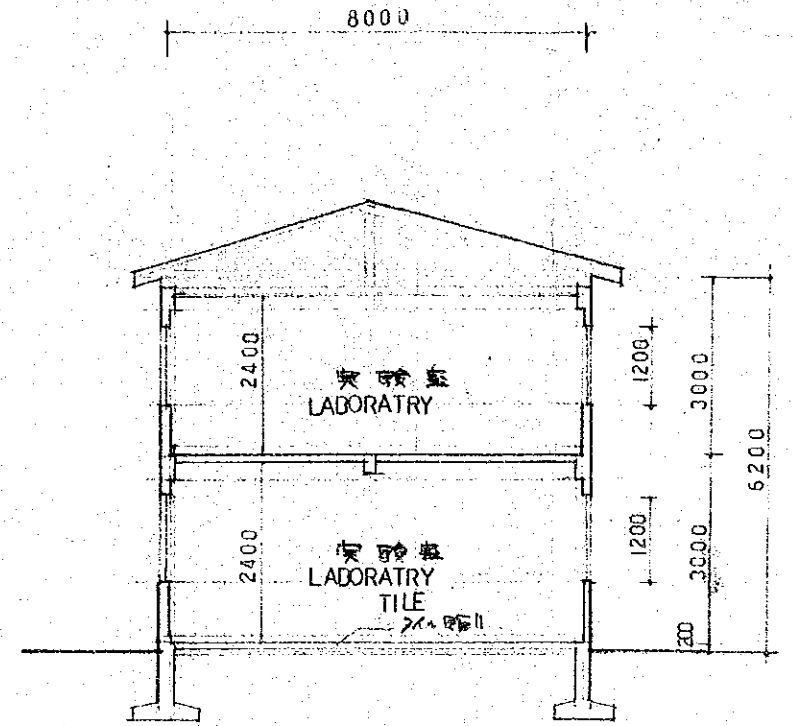
FIELD STATION
OFFICE



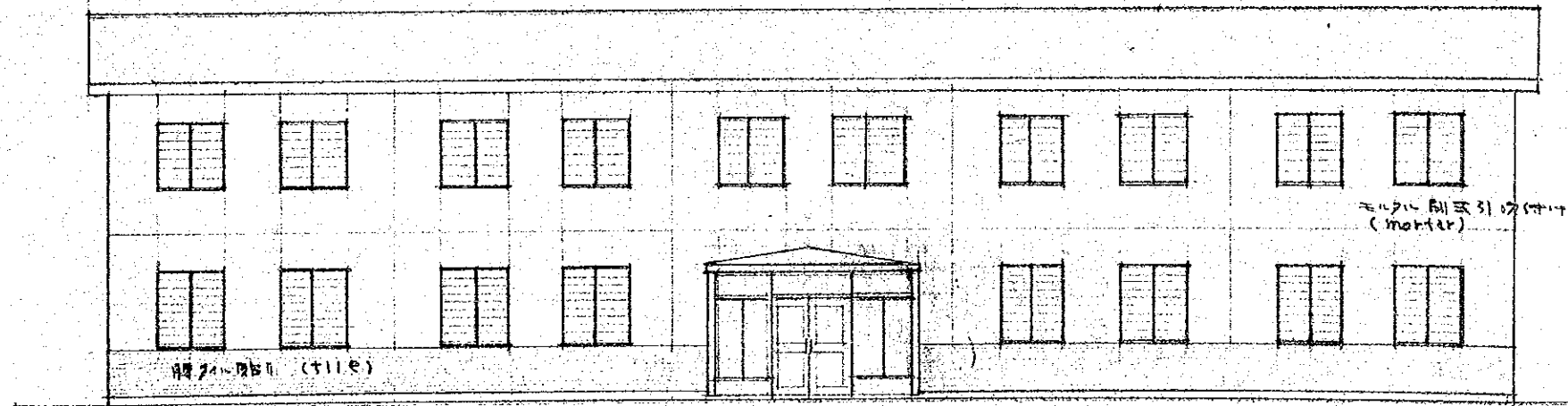
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OFFICE



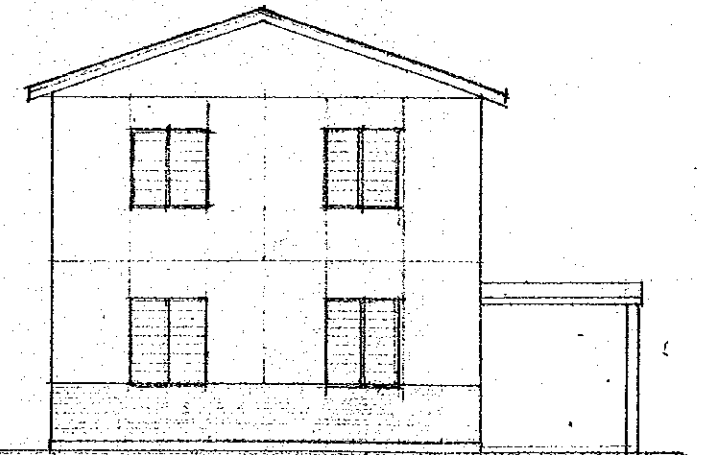
ELEVATION 1/100



SECTION 1/100

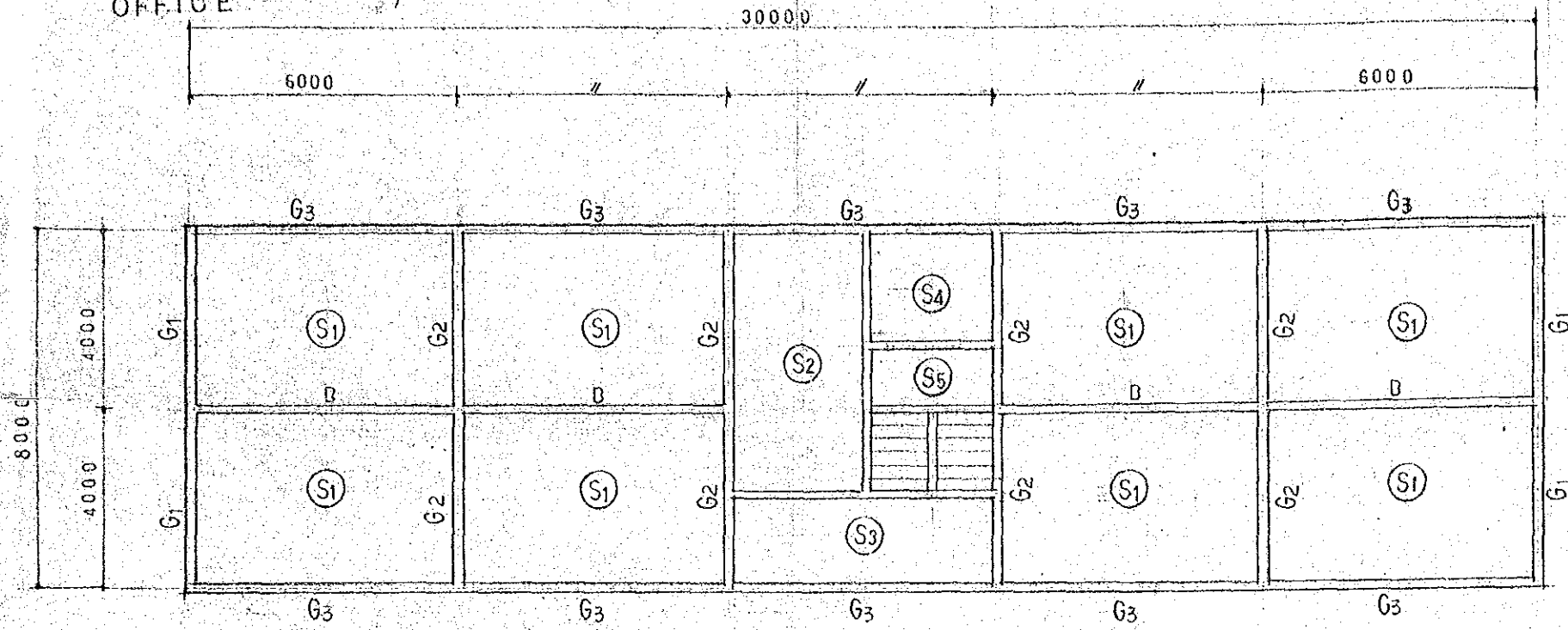


ELEVATION 1/100

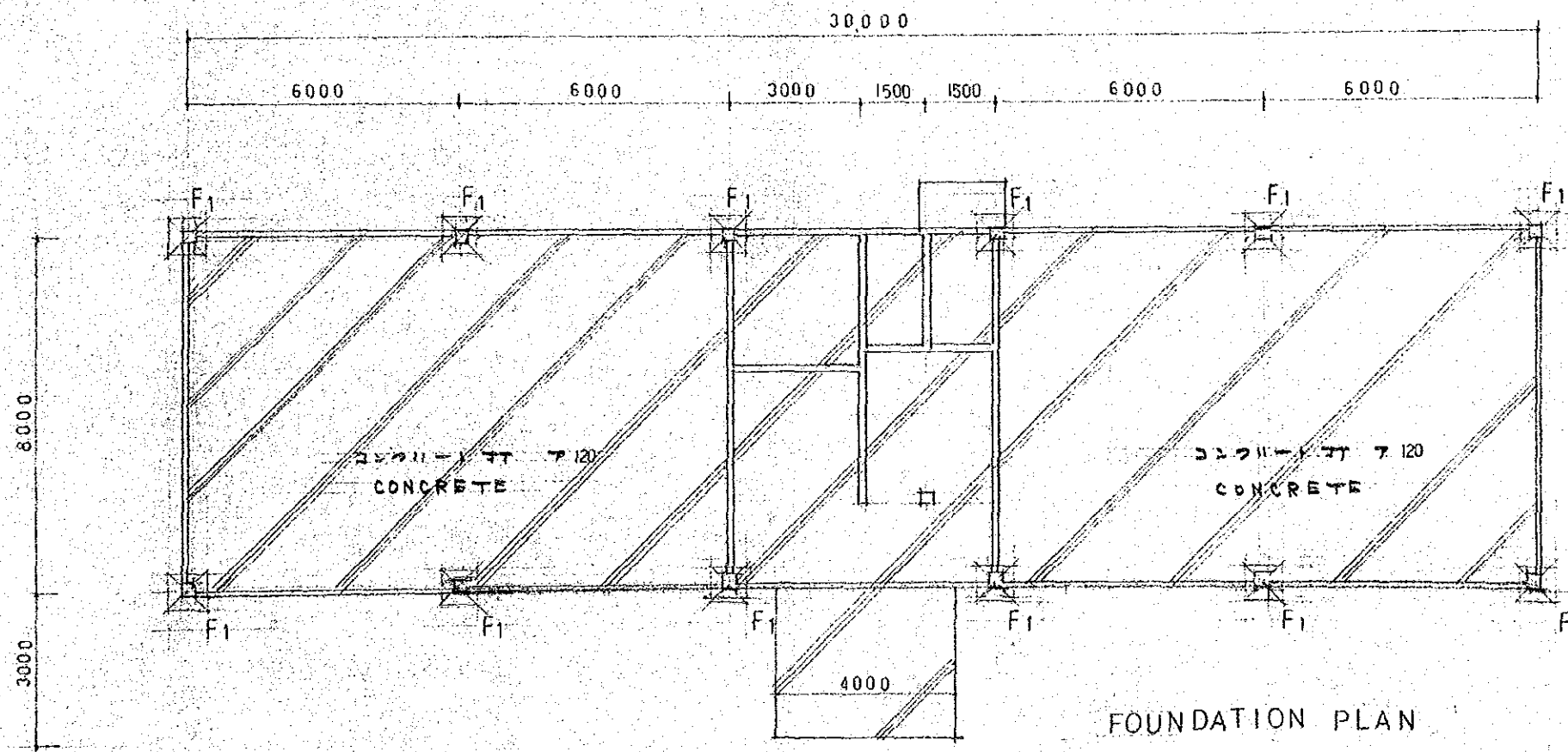


ELEVATION 1/100

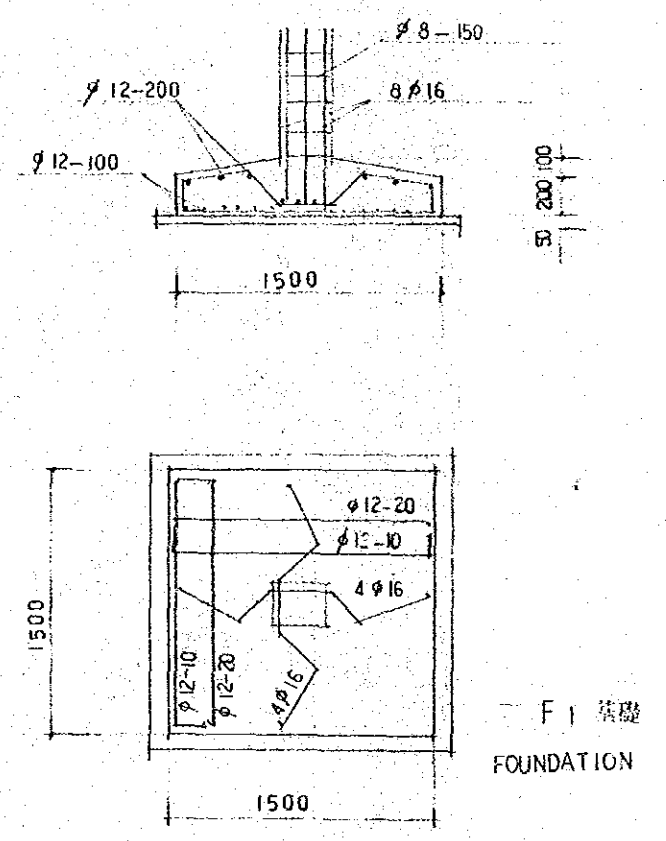
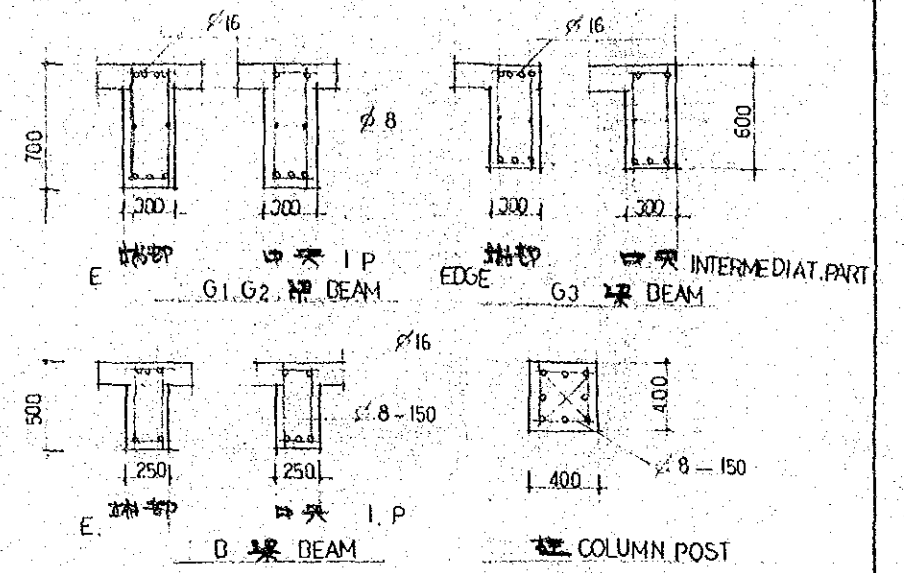
FIELD STATION OFFICE



2F FLOOR PLAN



FOUNDATION PLAN

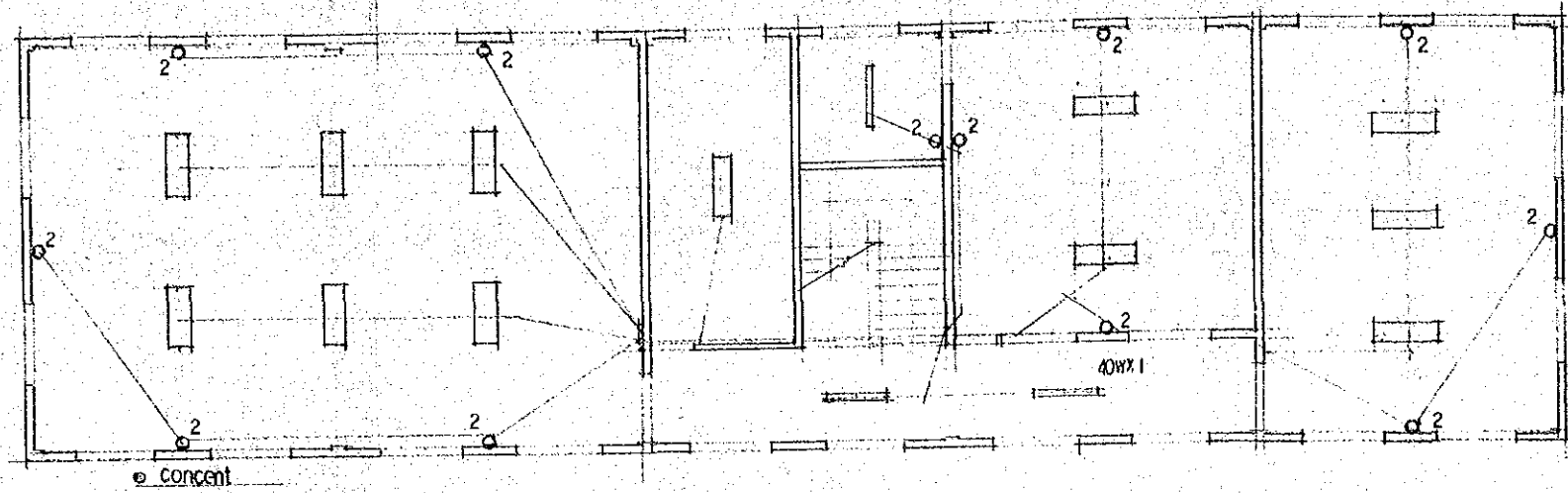


F1 基礎 FOUNDATION

FIELD STATION

30000

8000

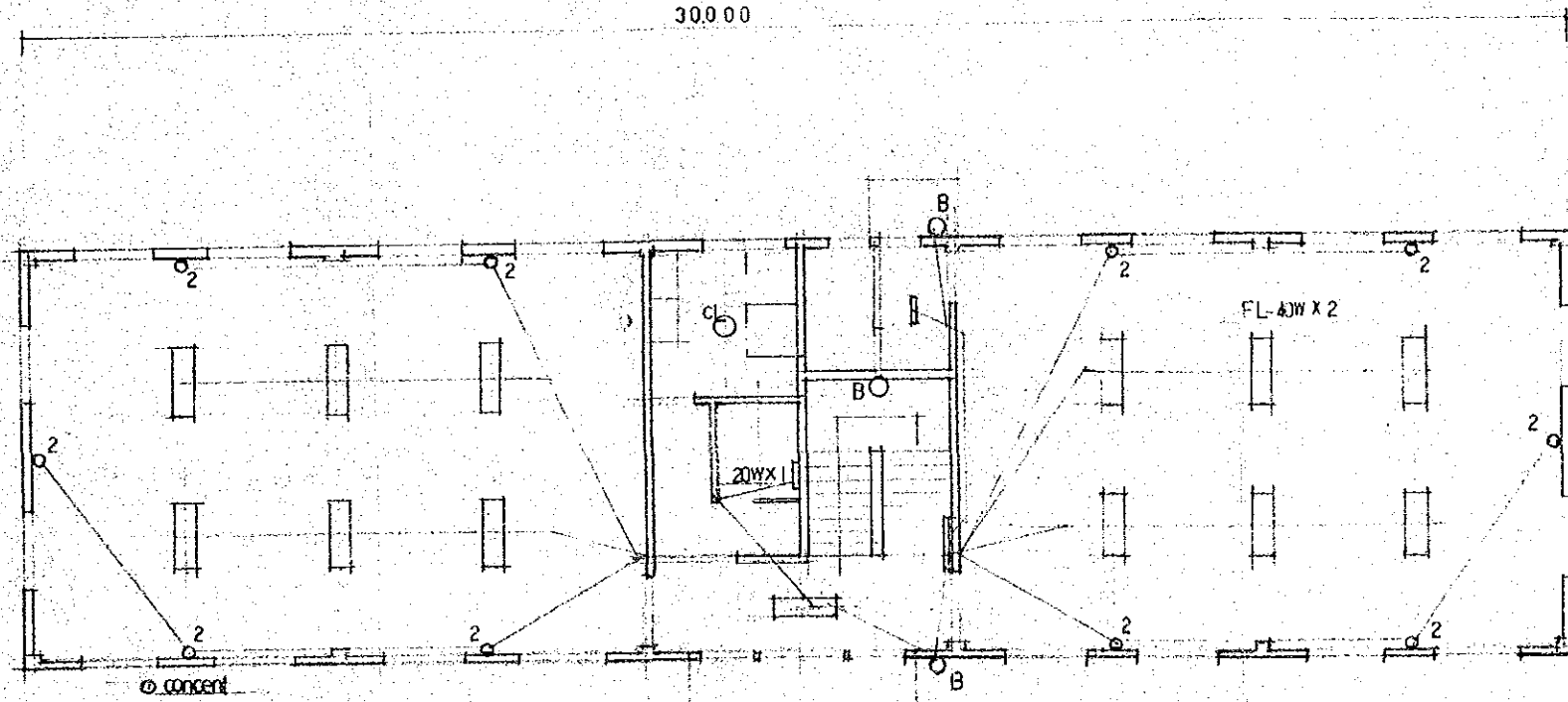


2F PLAN

ERECTRIK EQUIPMENT

30000

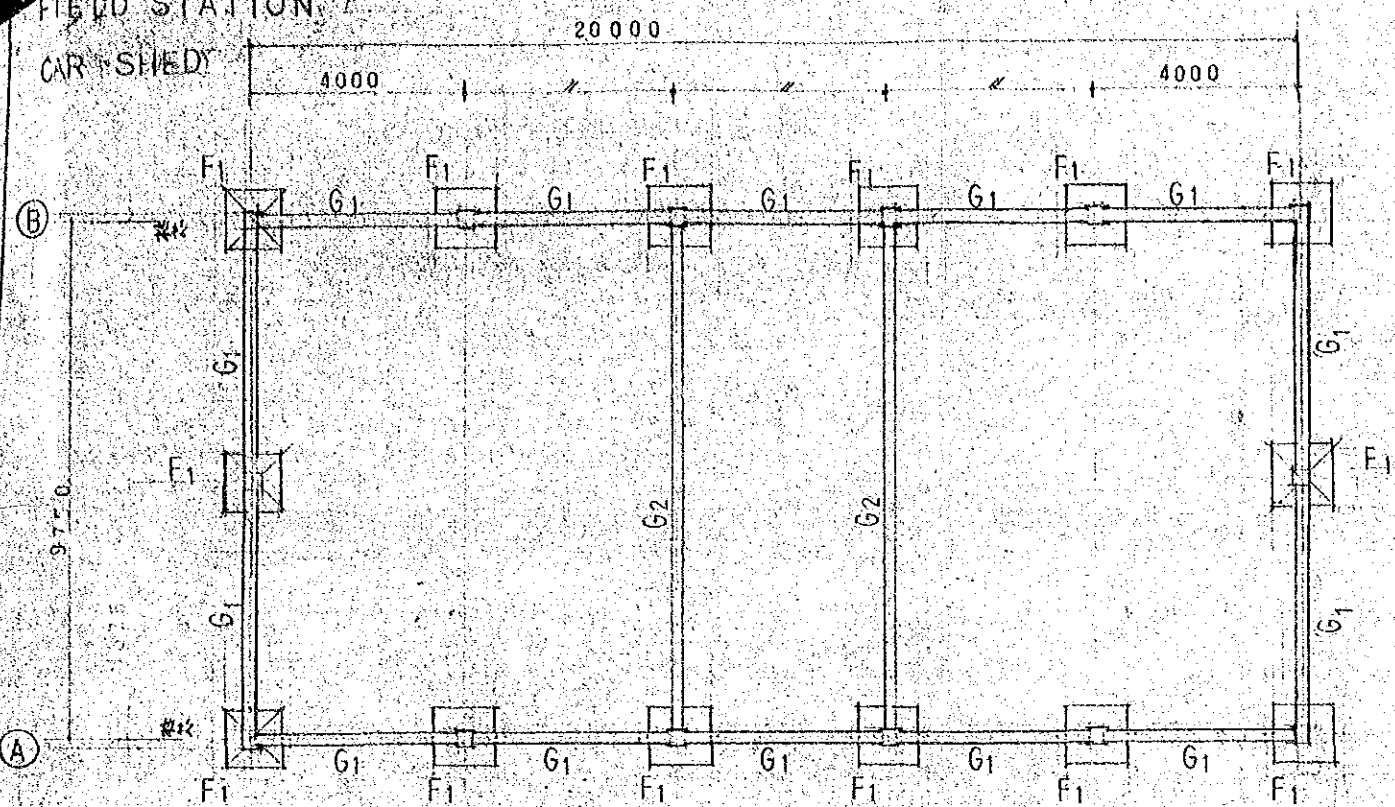
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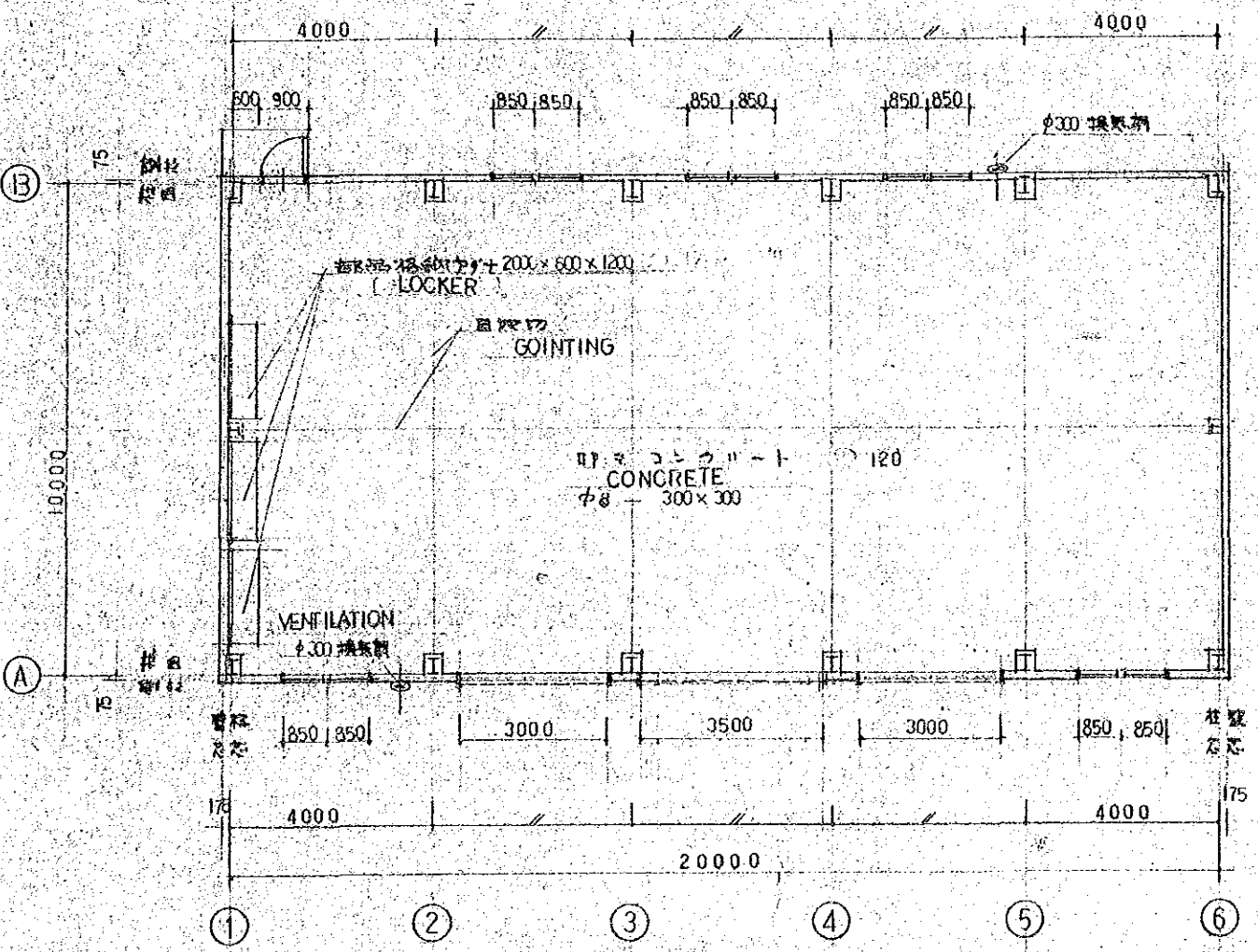
1F PLAN

ERECTRIK EQUIPMENT

FIELD STATION /
CAR SHED



FOUNDATION PLAN 1/100



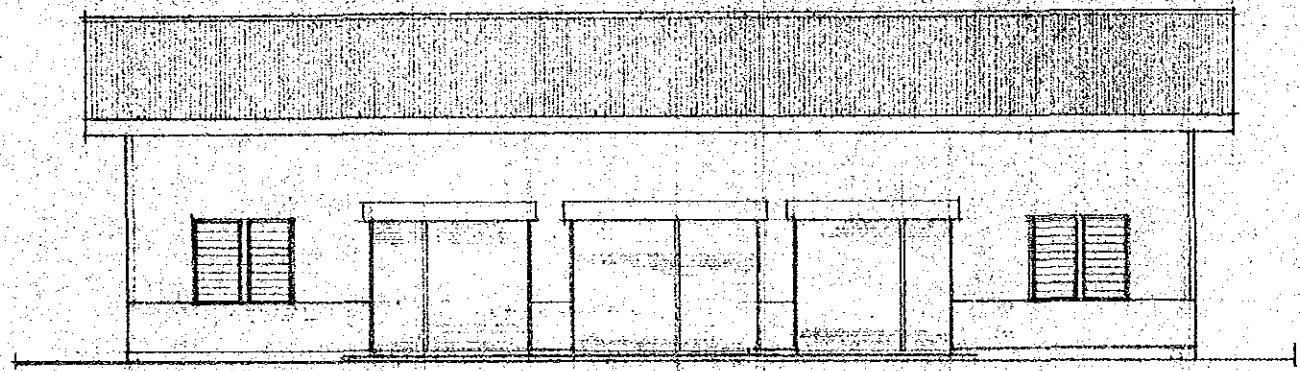
PLAN 1/100

外部仕上表 OUTSIDE FINISHING

屋根	石棉シート 0.65 7ヶ止り 1/10 asbestos cement 63
軒裏	石灰 OP塗 2回 op
壁	波形パイプ 0.7ヶ止り 7ヶ止り metal 27
瓦葺き	土葺き brick mortar
建具	シャッター W 3000 x H 2500 shutter
基礎	モルタル 1層 1 mortar
大差	金ゴキ物土 (φφ 300) concrete

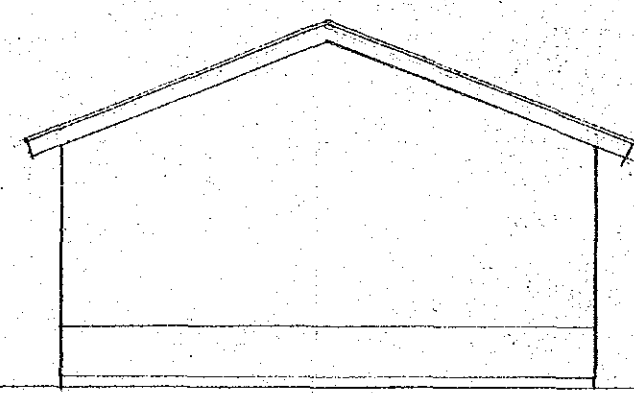
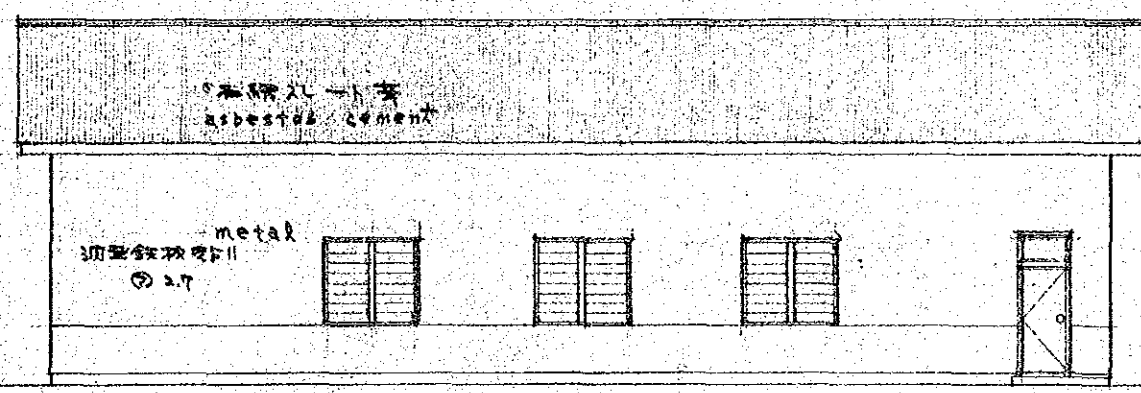
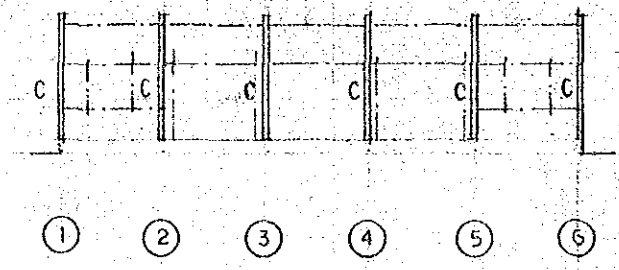
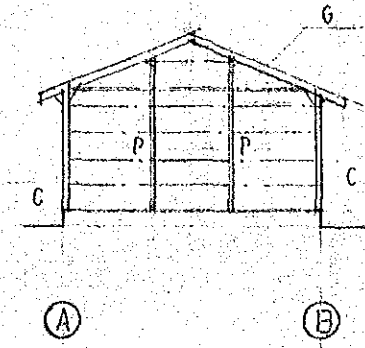
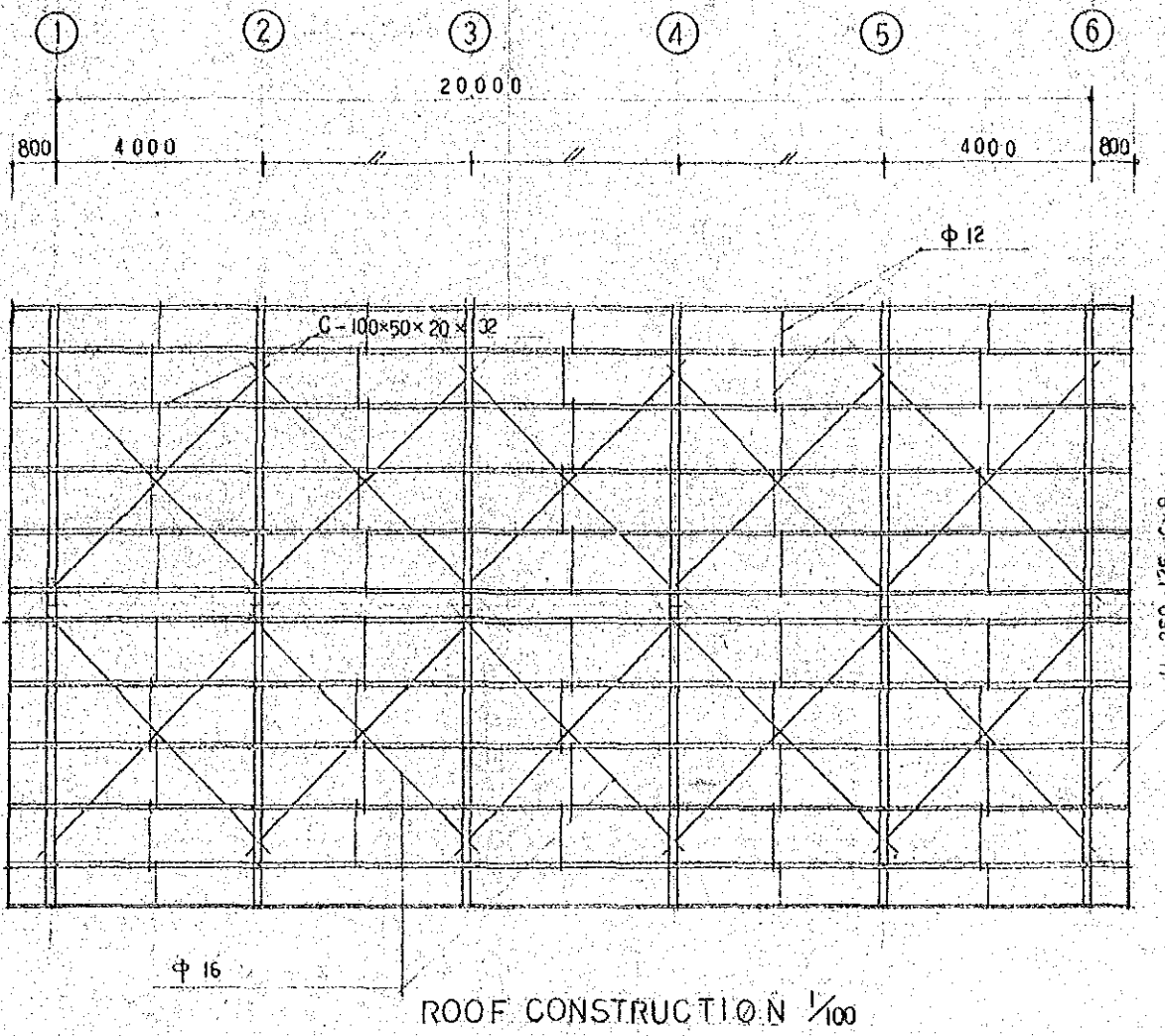
内部仕上表 INSIDE FINISHING

	床	柱	腰	壁	天井	備考
CAR SHED	concrete	plinth mortar	waivscotins mortar	wall	ceiling	locker=3

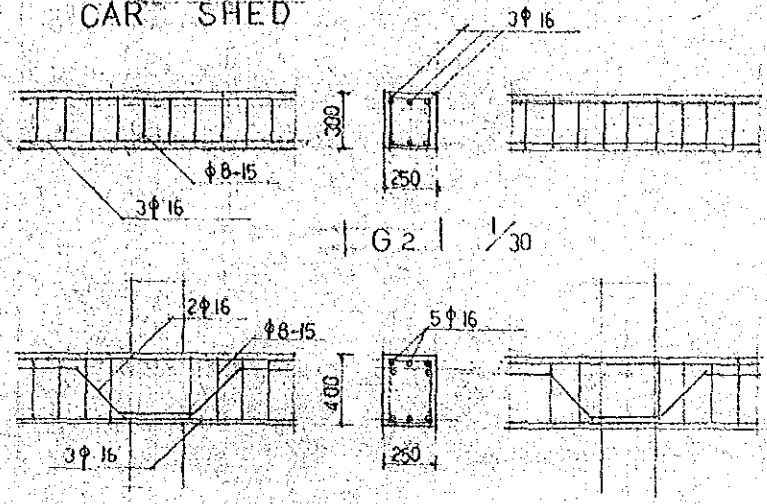


ELEVATION

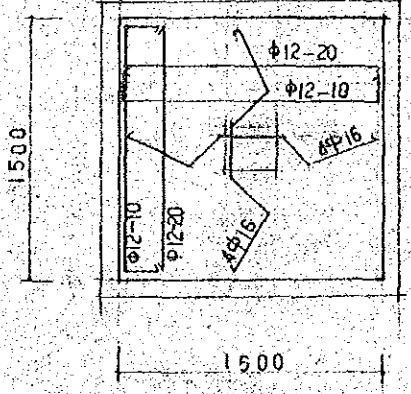
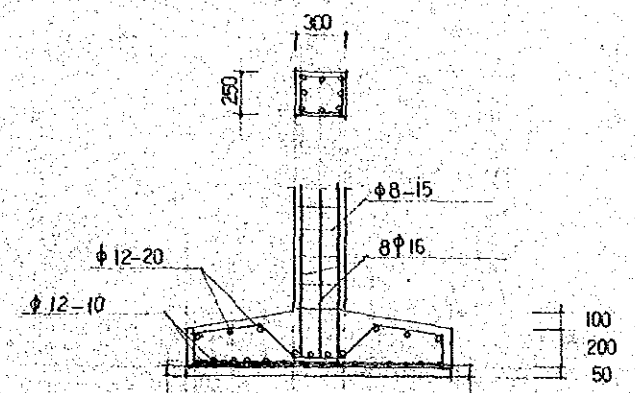
FIELD STATION
CAR SHED



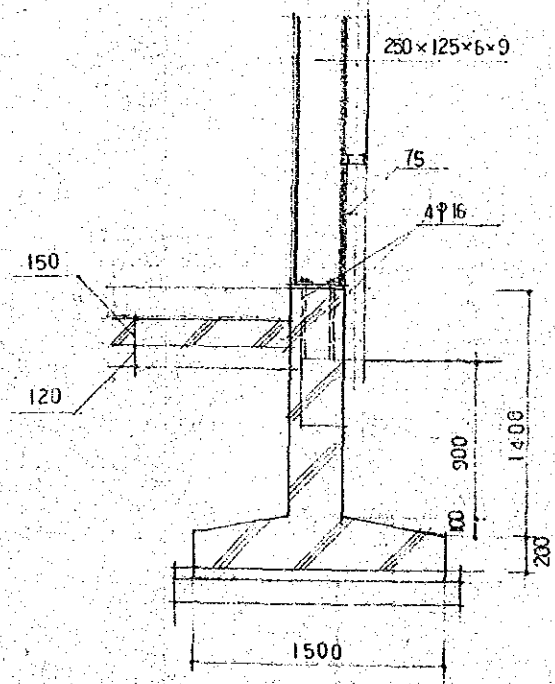
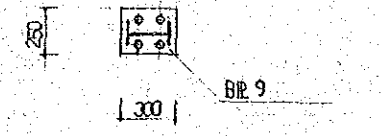
FIELD STATION
CAR SHED



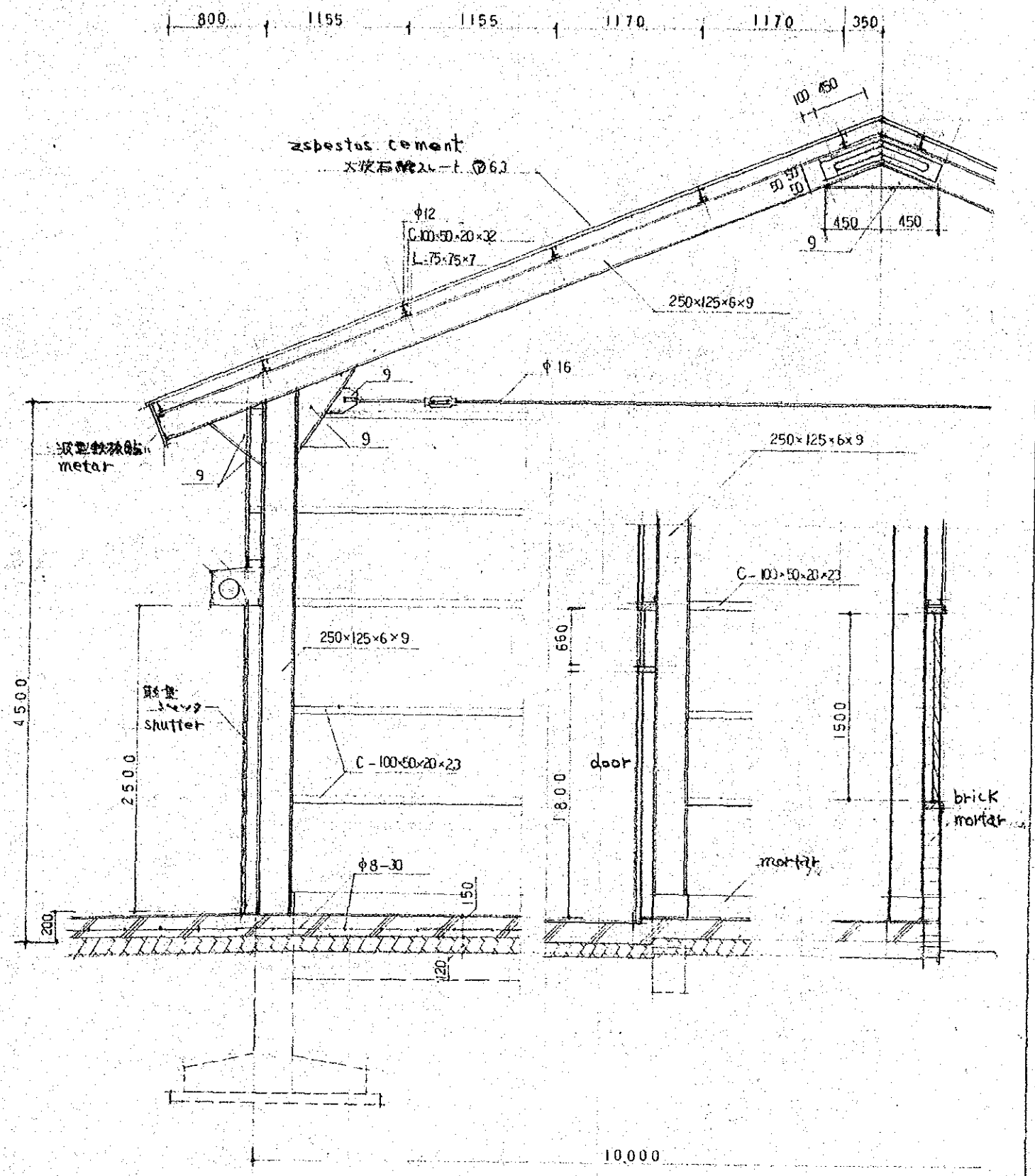
G.1 | 1/30



F.1 | 1/30

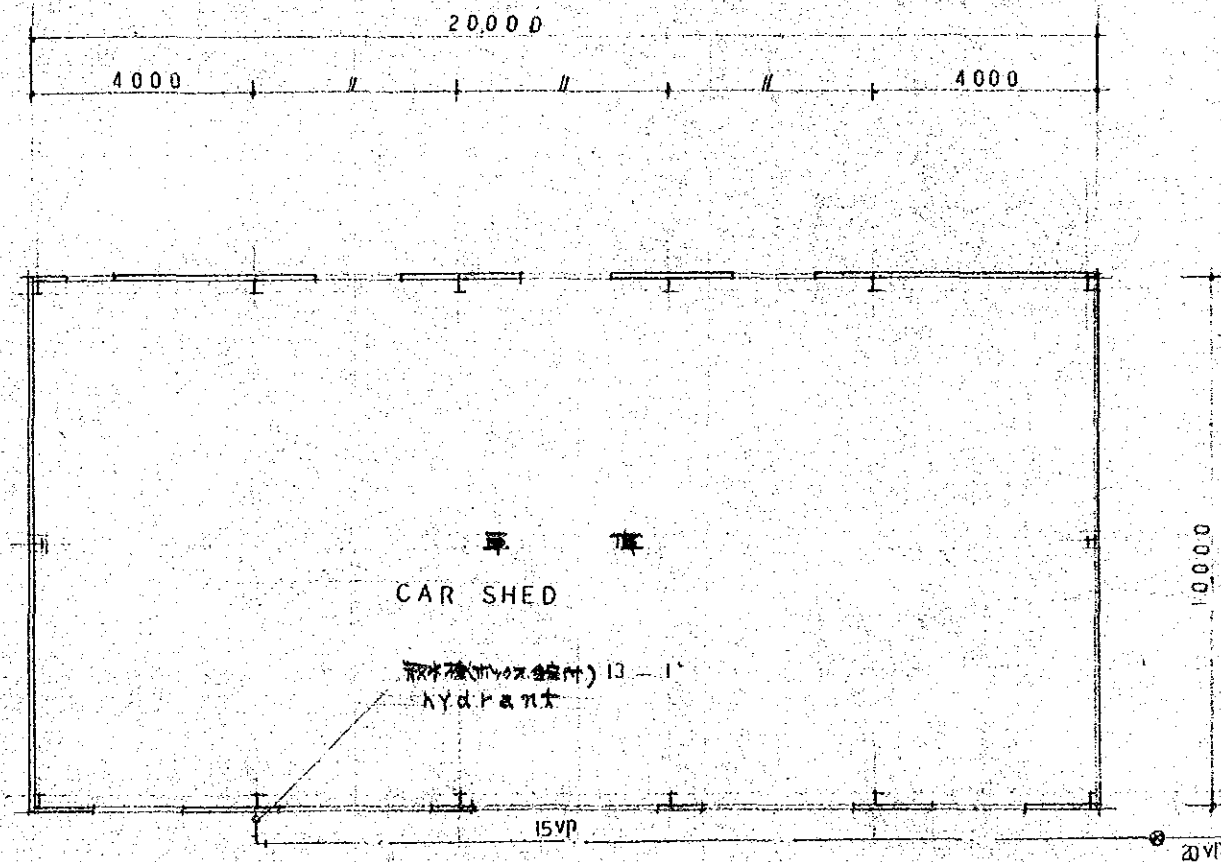
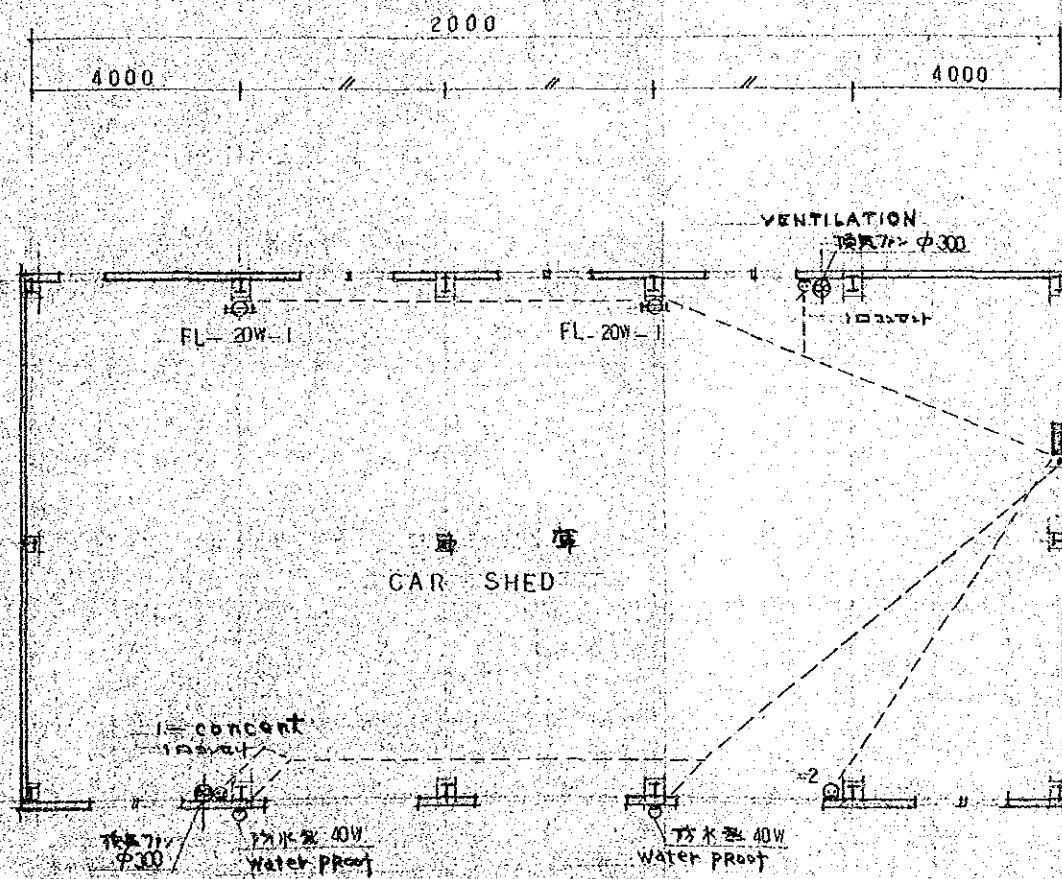


B.9 | 1/30
FOUNDATION

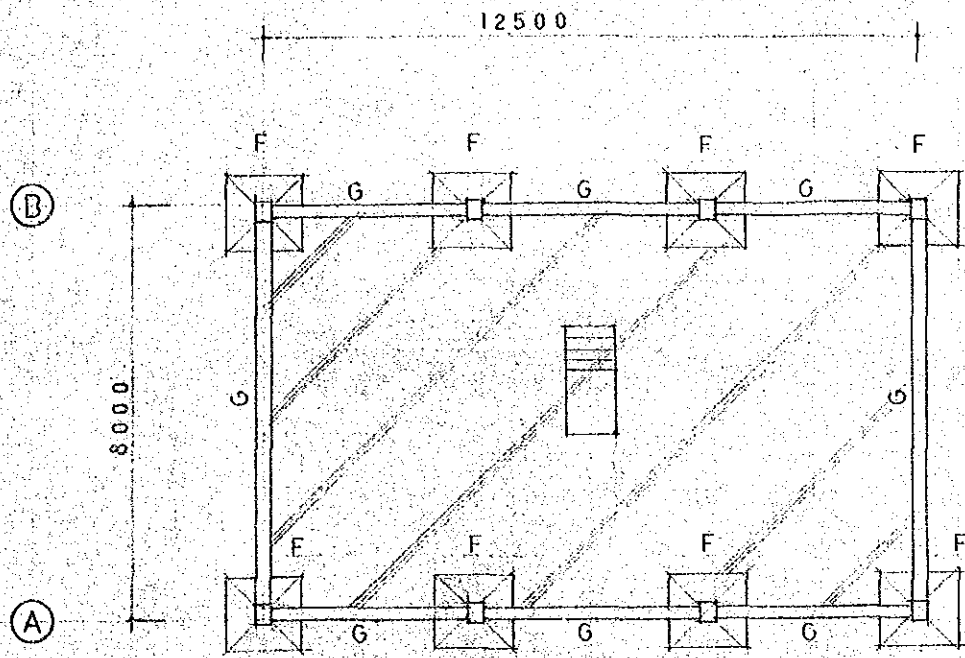


DETAIL | 1/30

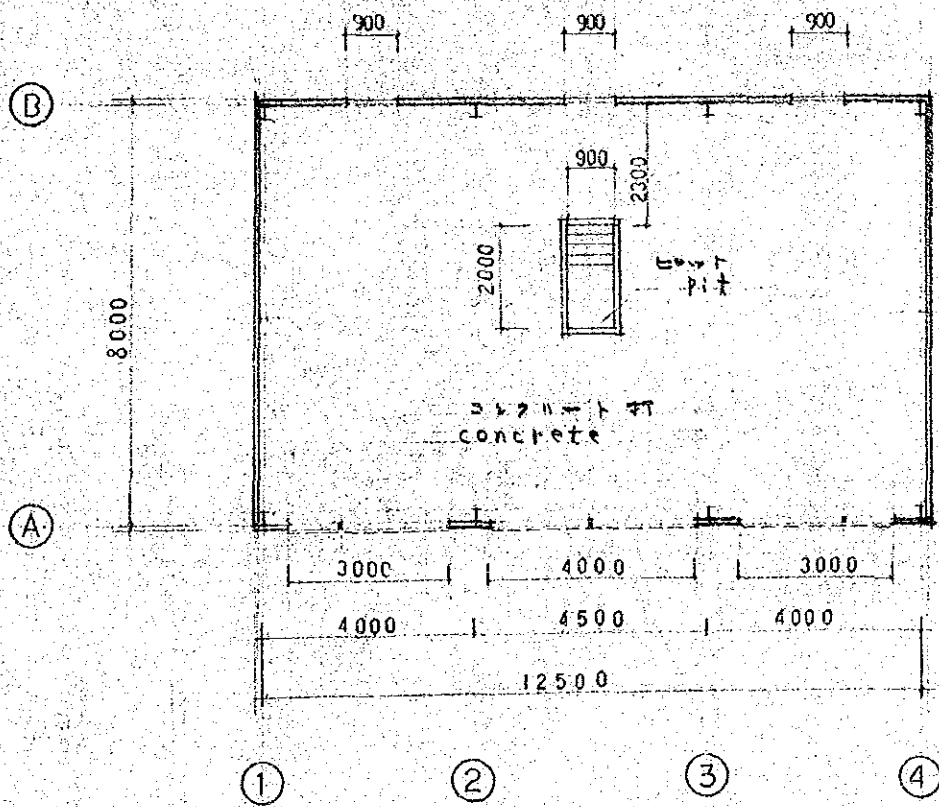
FIELD STATION
CAR SHED



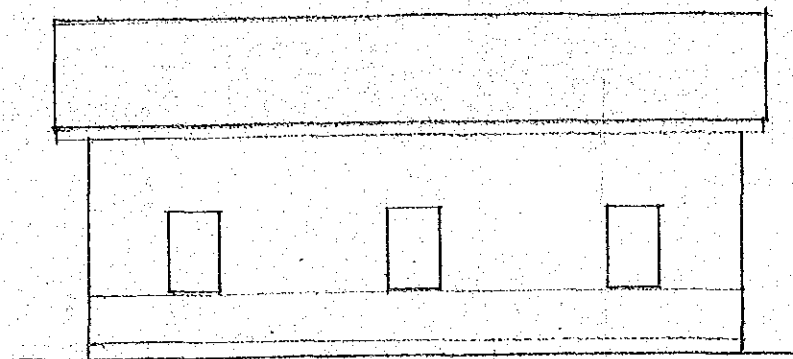
FIELD STATION
MAINTENANCE WORKSHOP



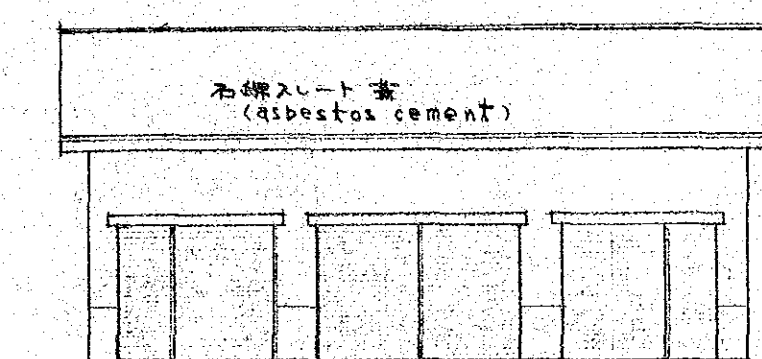
FOUNDATION PLAN



PLAN 1/100



ELEVATION



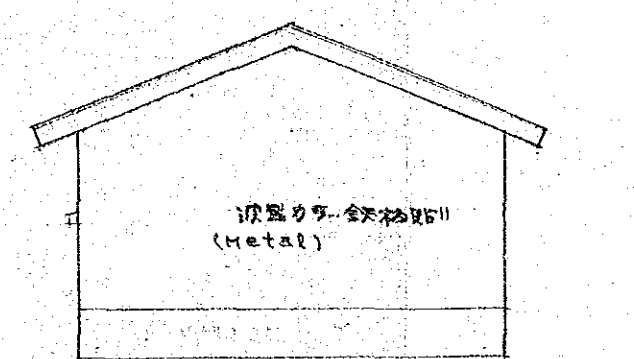
ELEVATION

外部仕上表
OUTSIDE FINISHING

屋根 roof	石棉シート 7.63 asbestos cement
軒裏 eave	漆 2回 O.P
壁 wall	波型カラー鉄板 7.27 metal
柱 pillars	珪藻土塗り 厚さ0.5 shutter
壁 wall	レンガ積 モルタル brick mortar
基礎 foundation	モルタル mortar

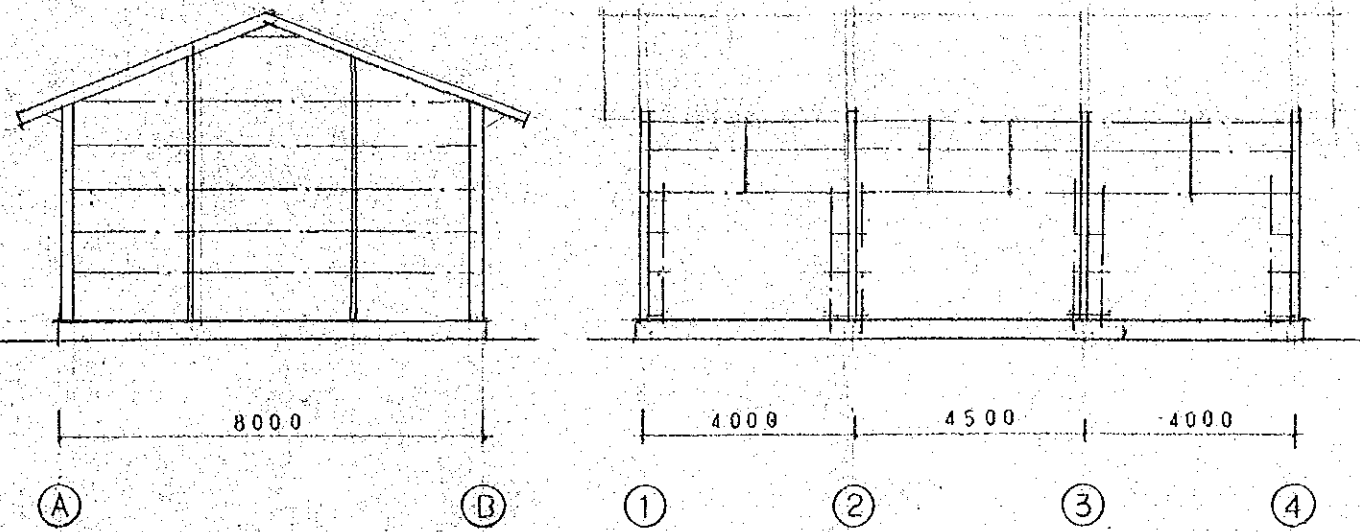
内部仕上表 INSIDE FINISHING

	床 floor コンクリート (concrete)	柱 pillar モルタル mortar	壁 wall 珪藻土 mortar	天井 ceiling	備 remarks Pit 鉄格子 rocker
--	------------------------------------	-------------------------------	----------------------------	---------------	-----------------------------------



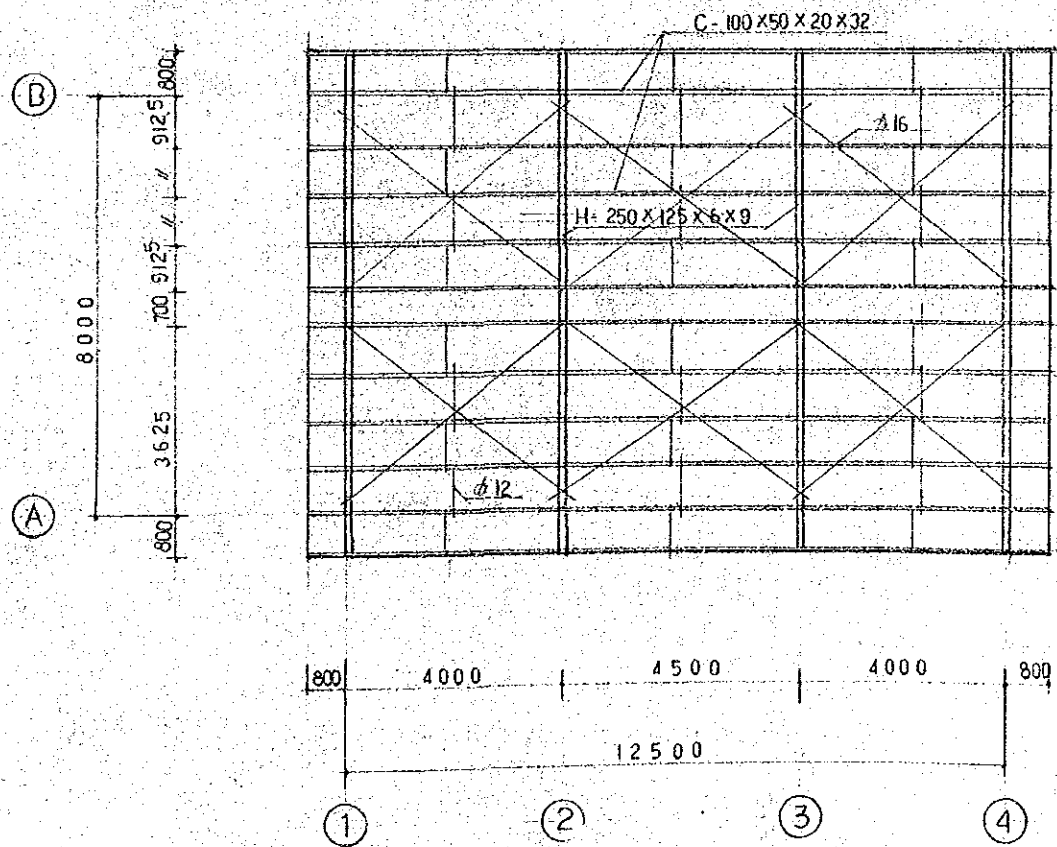
ELEVATION

FIELD STATION
MAINTENANCE WORKSHOP

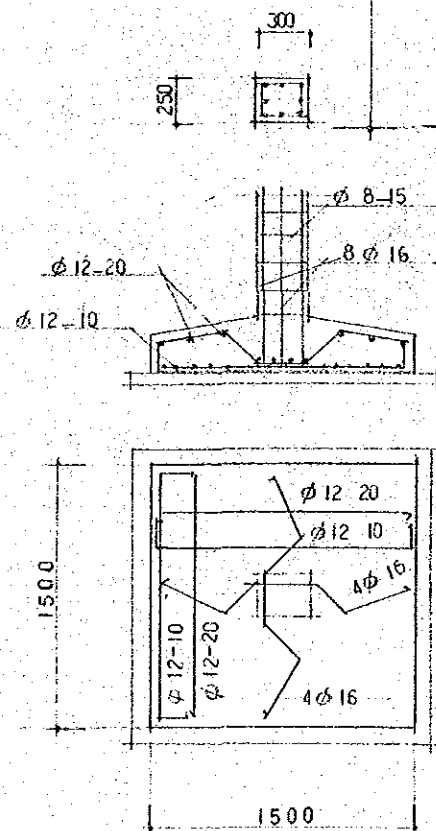


① FRAMING ELEVATION

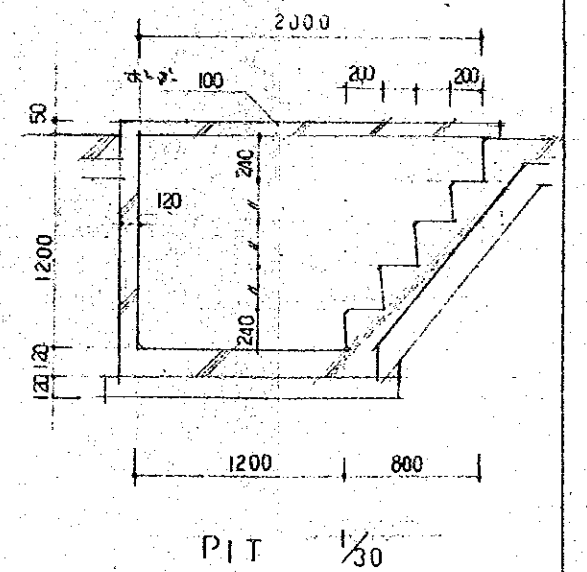
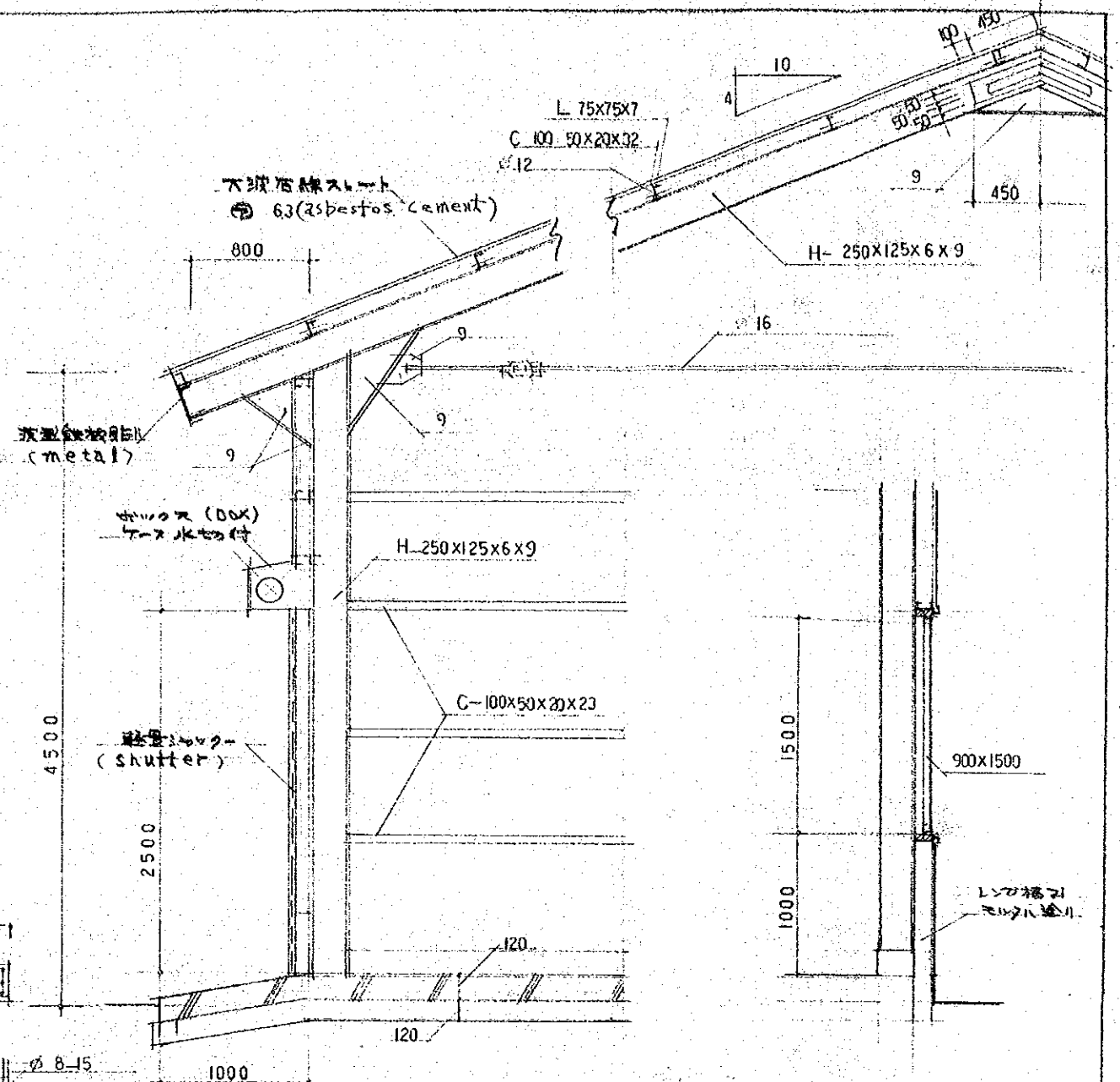
② FRAMING ELEVATION



ROOF CONSTRUCTION



FOUNDATION 1/30

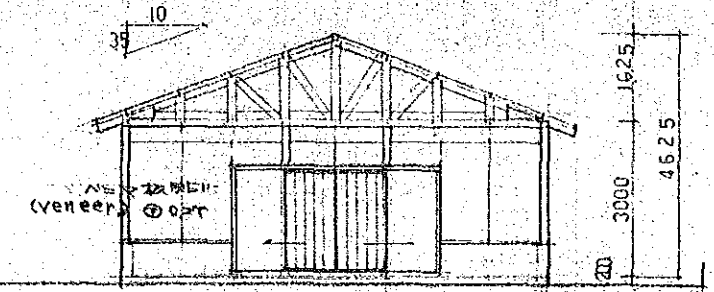
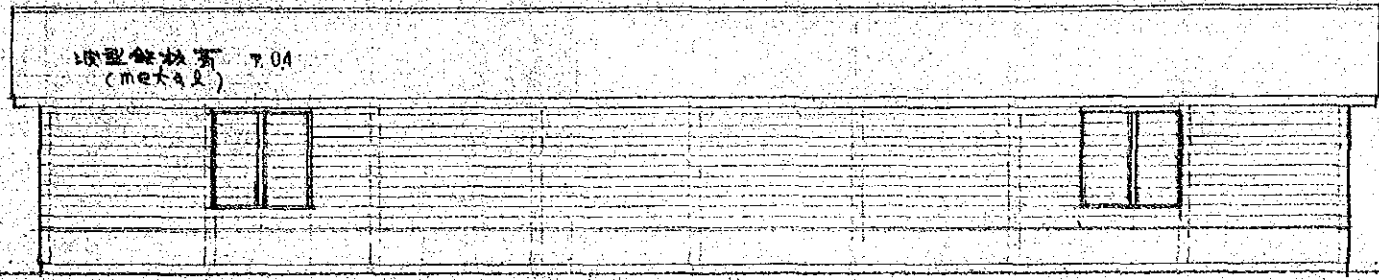


PIT 1/30

G 梁
BEAM

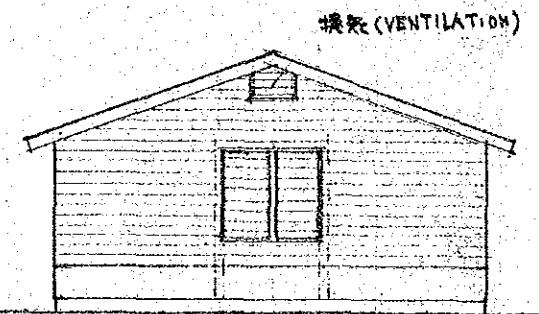
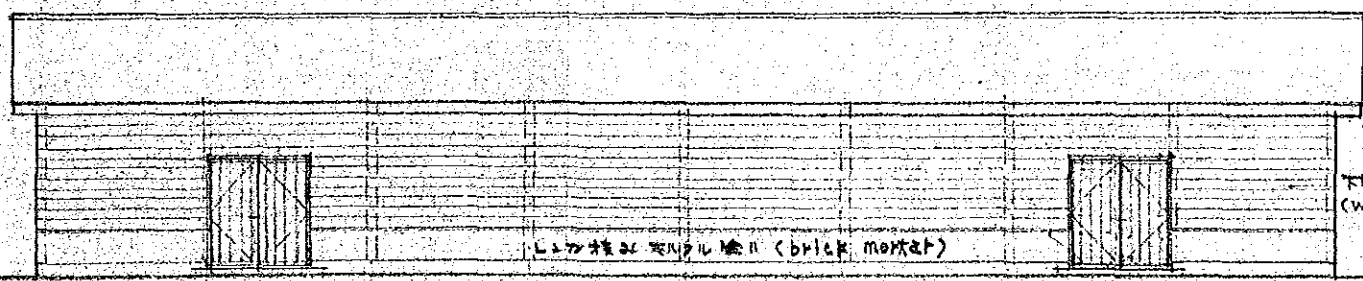
FIELD STATION
WAREHOUSE

600 4000 4000 600



ELEVATION 1/100

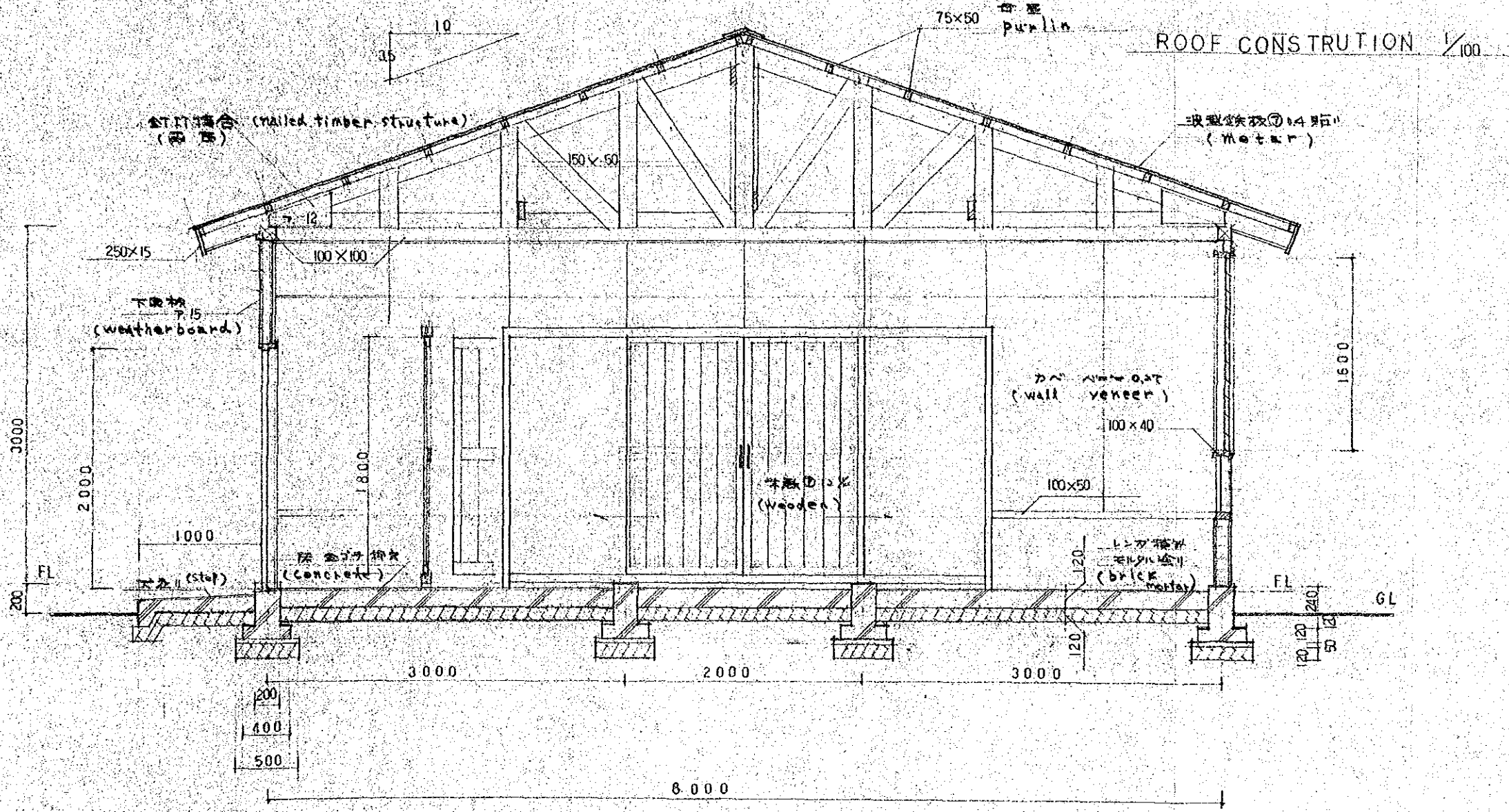
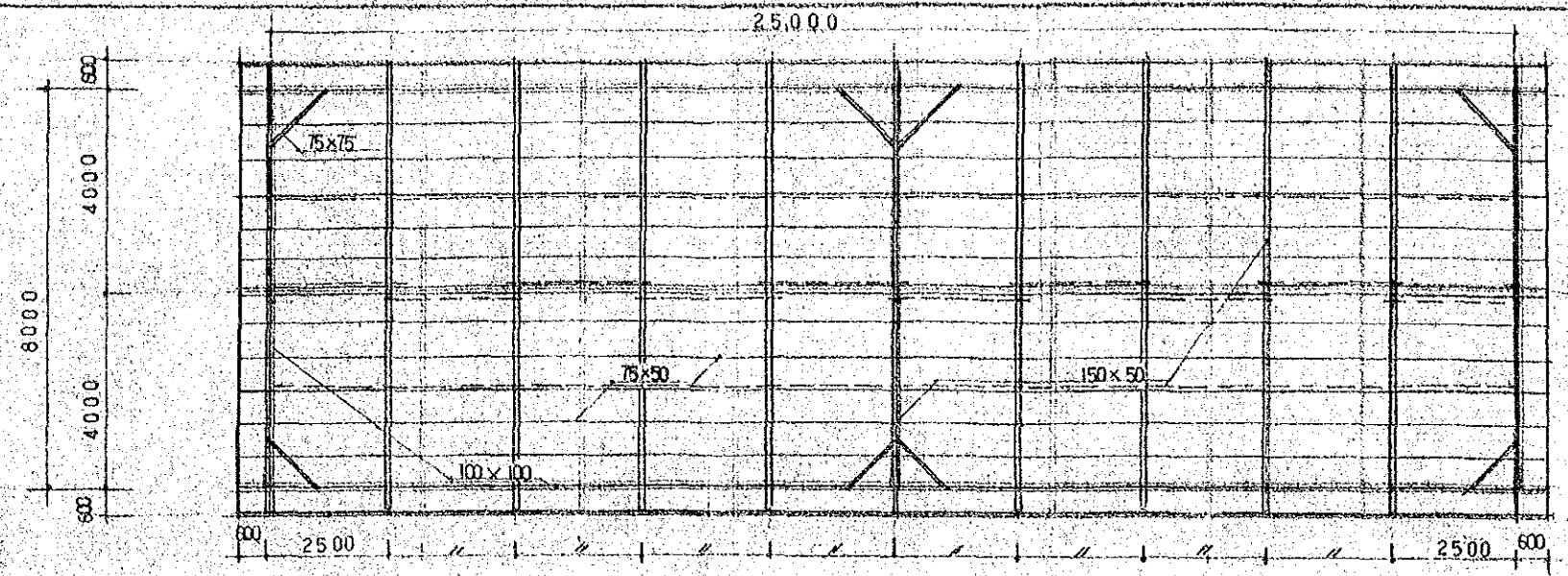
SECTION 1/100



ELEVATION 1/100

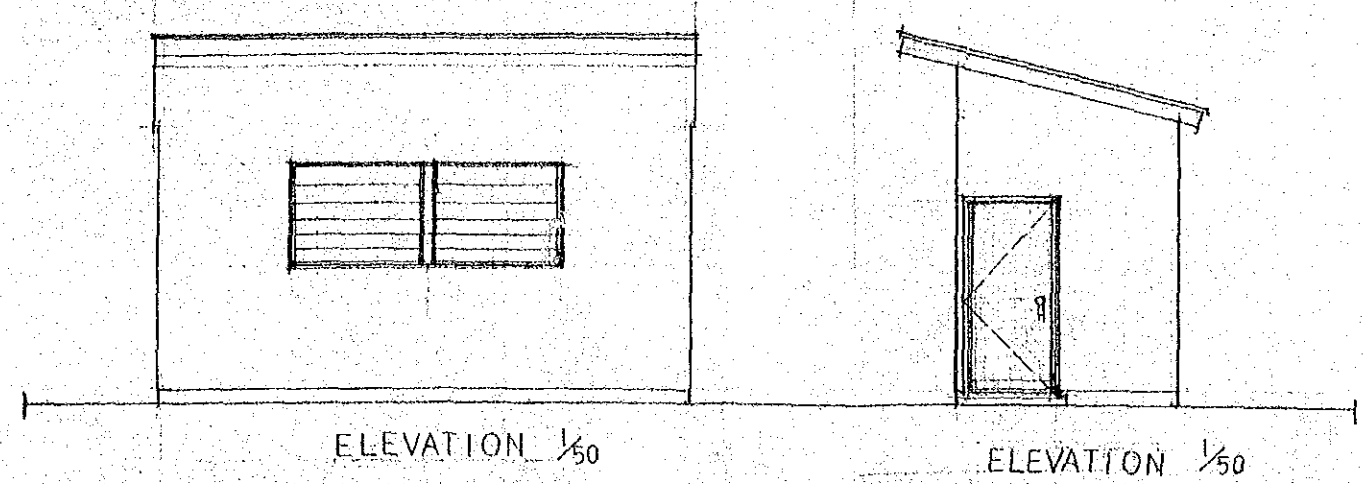
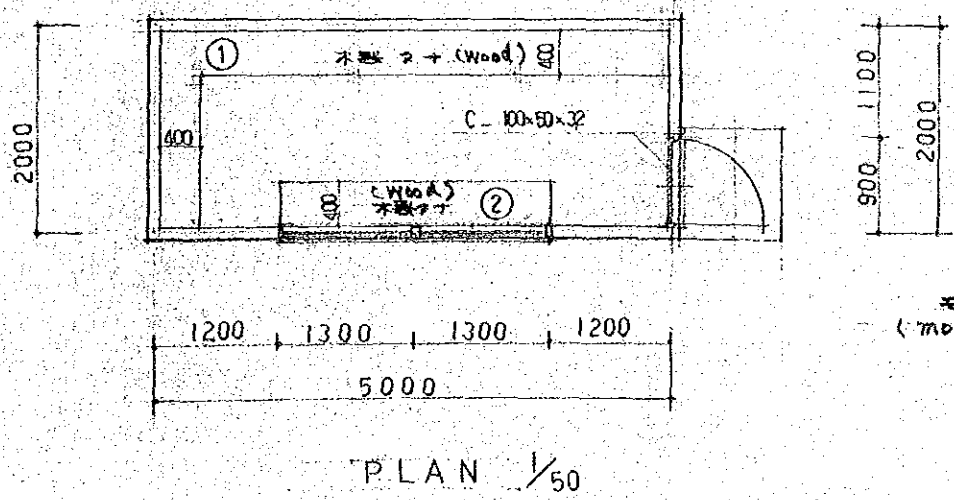
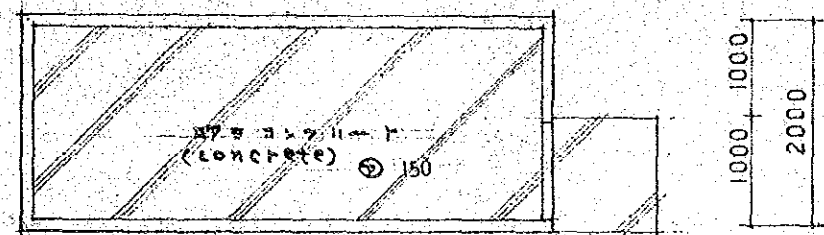
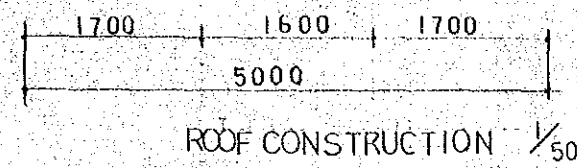
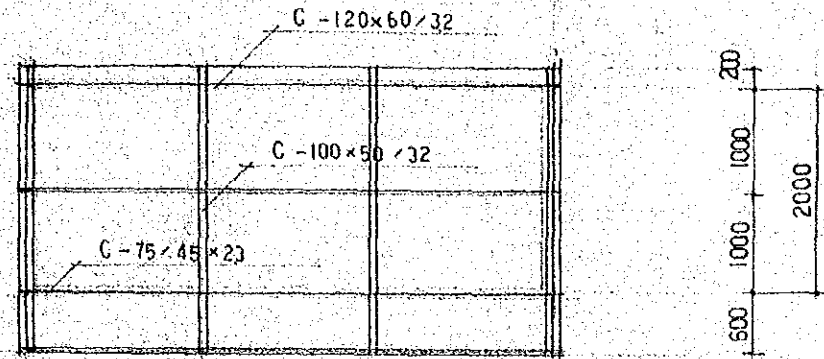
ELEVATION 1/100

FIELD STATION
WARE HOSE



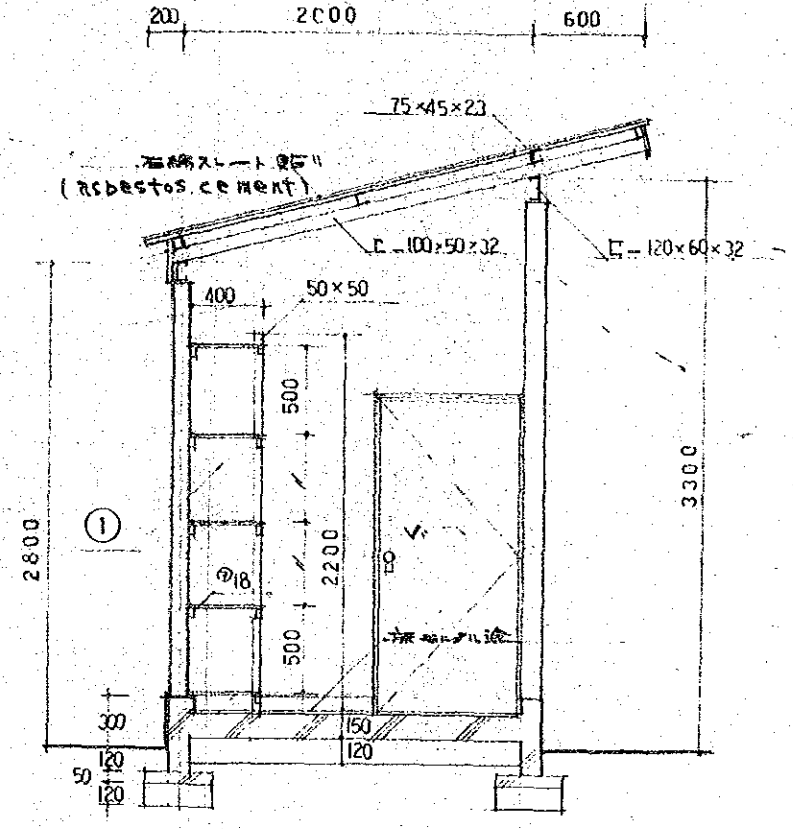
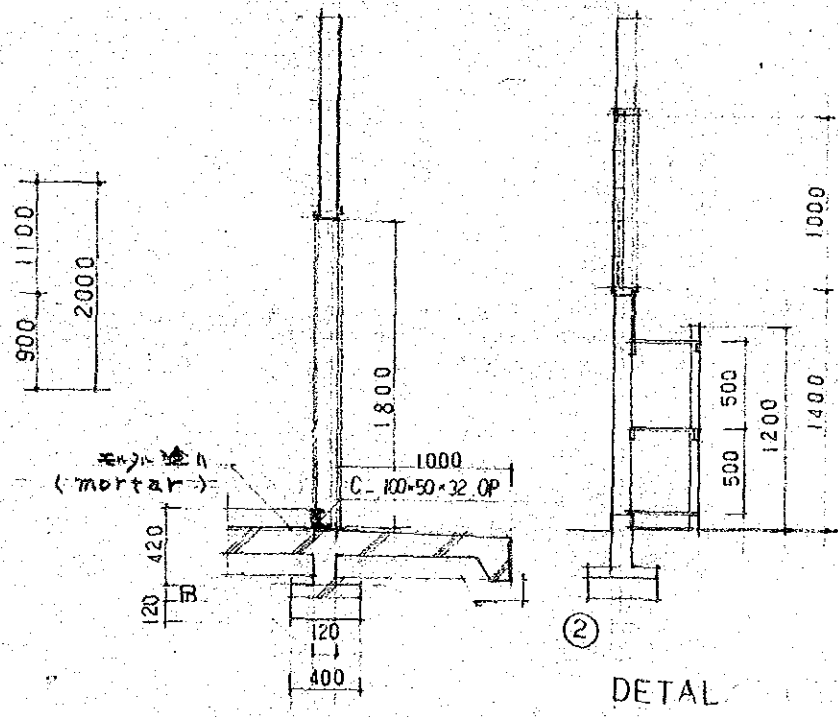
SECTION 1/30

FIELD STATION
STORAGE FOR SPECIES



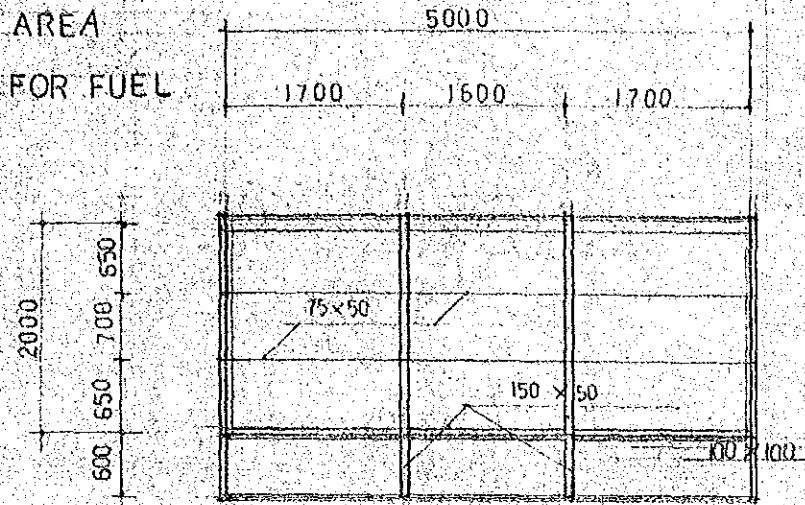
外部仕上表 OUTSIDE FINISHING	
屋根 (Roof)	石棉セメント 5/10 (Asbestos cement 5/10)
壁 (Wall)	モルタル (Mortar)
天井 (Ceiling)	出入口 7°傾斜板 7°傾斜板付 (Entrance/Exit 7° slope board with board)
基礎 (Foundation)	モルタル (Mortar)

内部仕上表 INSIDE FINISHING			
	天井 (Ceiling)	壁 (Wall)	床 (Floor)
床 (Floor)	モルタル (Mortar)	モルタル (Mortar)	木 (Wood)
天井 (Ceiling)	天板 (Plank)		
壁 (Wall)			
備考 (Remarks)	木目付 (Wood grain)		

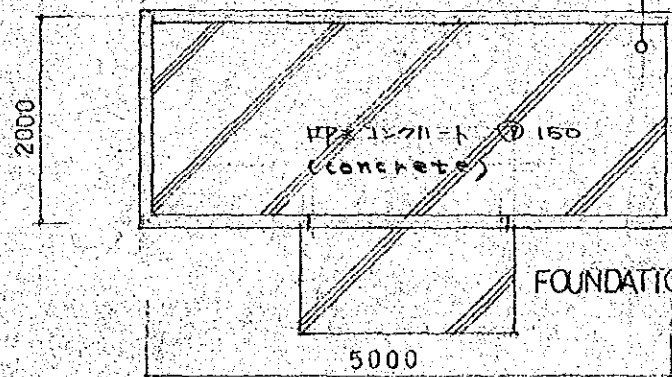


DETAIL 1/30

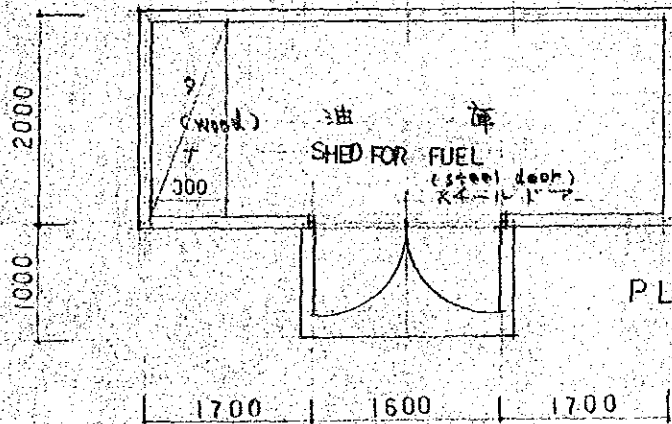
FIELD STATION
MODEL AREA
SHED FOR FUEL



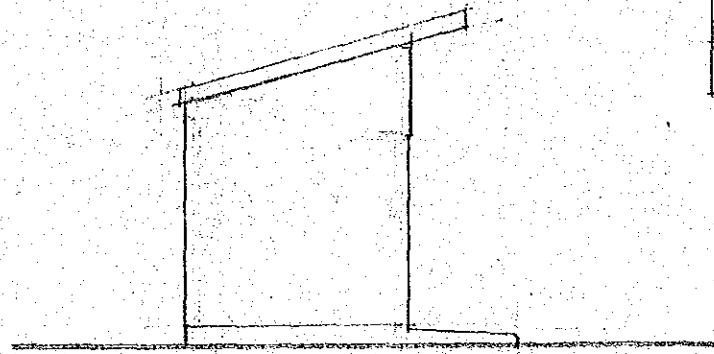
ROOF CONSTRUCTION 1/50



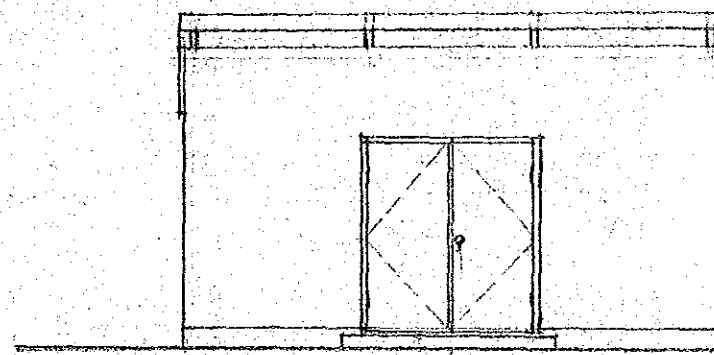
FOUNDATION PLAN 1/50



PLAN 1/50



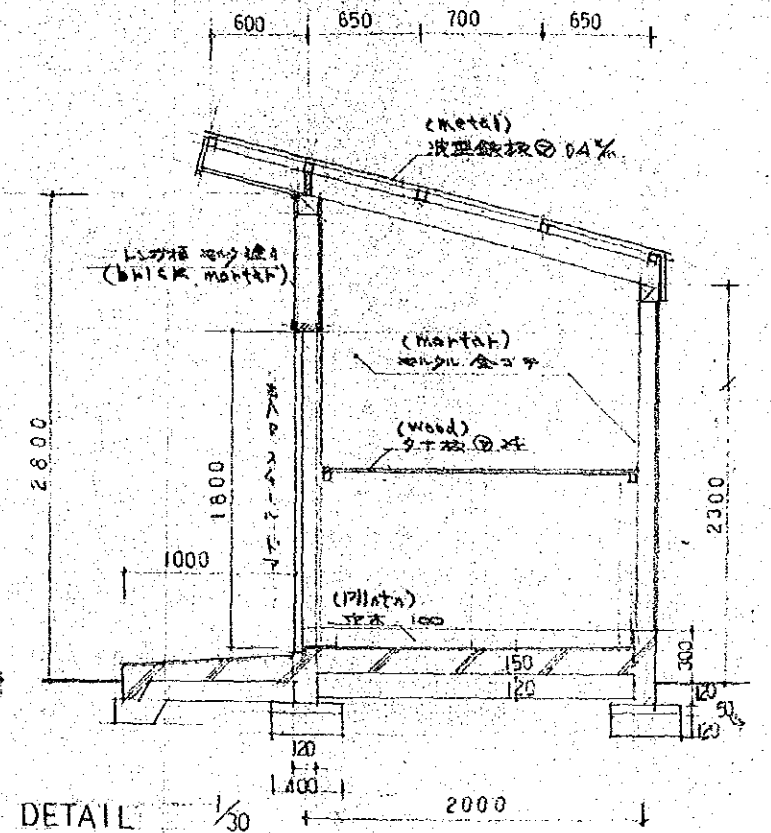
ELEVATION 1/50



ELEVATION 1/50

外部仕上表 OUTSIDE FINISHING	
屋根 (Roof)	波型鉄板貼付 04 25/10 metal
壁 (Wall)	L字構 モルタル塗り brick mortar
仕上具 (Fittings)	出入口 X4-1117 鋼鉄 鋼釘 (steel door)
基礎 (Foundation)	モルタル 塗 mortar

内部仕上表 INSIDE FINISHING					
SHED FOR FUEL	床 (Floor)	壁 (Wall)	天井 (Ceiling)	備考 (Remarks)	その他 (Others)
油 (Fuel)	コンクリート (concrete)	モルタル (mortar)	モルタル (mortar)	石膏 (plaster)	



DETAIL 1/30