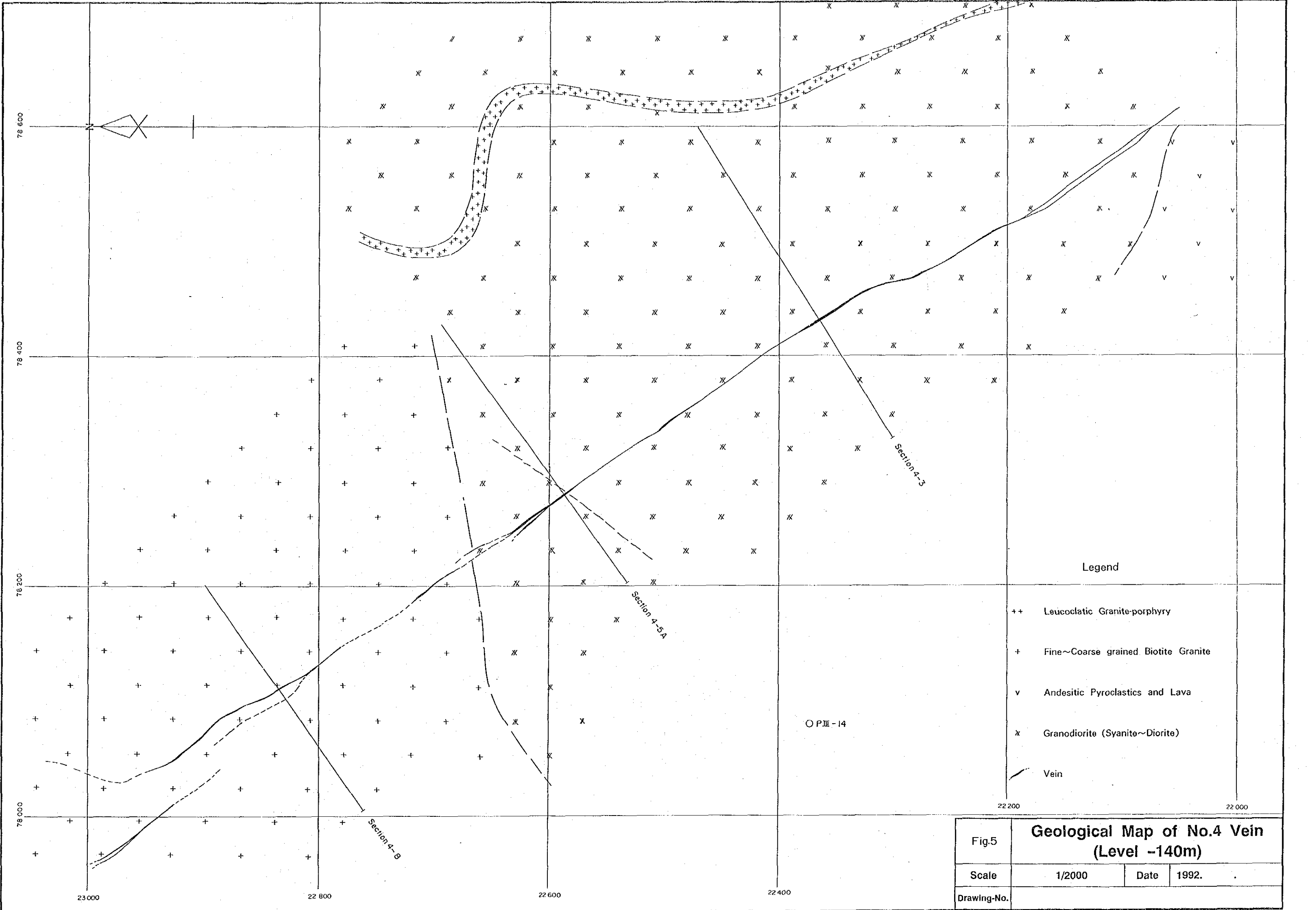


Legend

- ++ Leucoclastic Granite-porphry
- + Fine~Coarse grained Biotite Granite
- v Andesitic Pyroclastics and Lava
- x Granodiorite (Syanite~Diorite)
- Vein

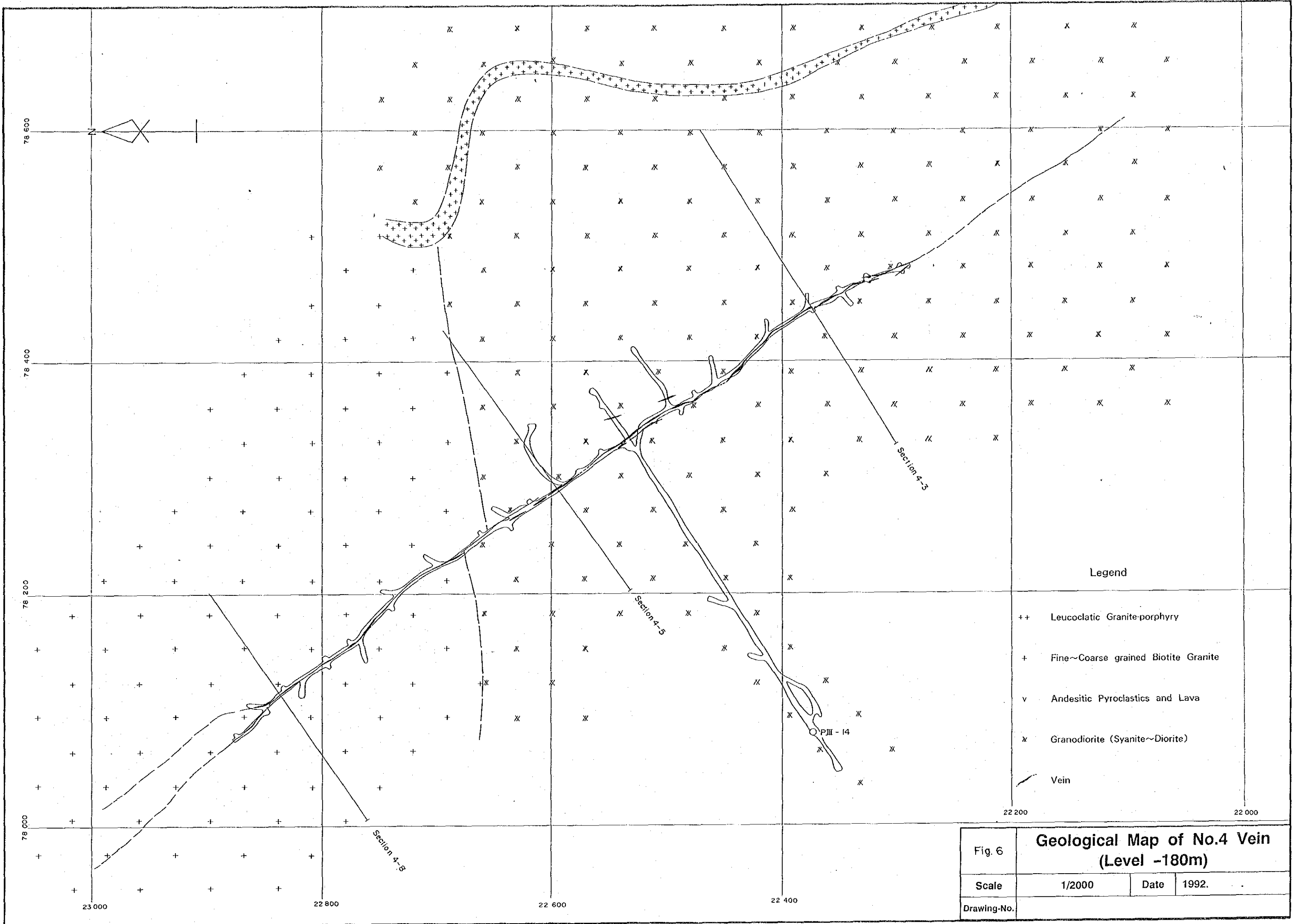
Fig.4	<b>Geological Map of No.4 Vein (Level -100m)</b>		
Scale	1/2000	Date	1992.
Drawing-No.			



Legend

- ++ Leucocratic Granite-porphry
- + Fine~Coarse grained Biotite Granite
- v Andesitic Pyroclastics and Lava
- x Granodiorite (Syanite~Diorite)
- Vein

Fig.5	<b>Geological Map of No.4 Vein (Level -140m)</b>		
Scale	1/2000	Date	1992.
Drawing-No.			



Legend

- ++ Leucocratic Granite-porphry
- + Fine~Coarse grained Biotite Granite
- v Andesitic Pyroclastics and Lava
- x Granodiorite (Syanite~Diorite)
- Vein

**Geological Map of No.4 Vein  
(Level -180m)**

Fig. 6

Scale 1/2000 Date 1992.

Drawing-No.

22 000 22 000

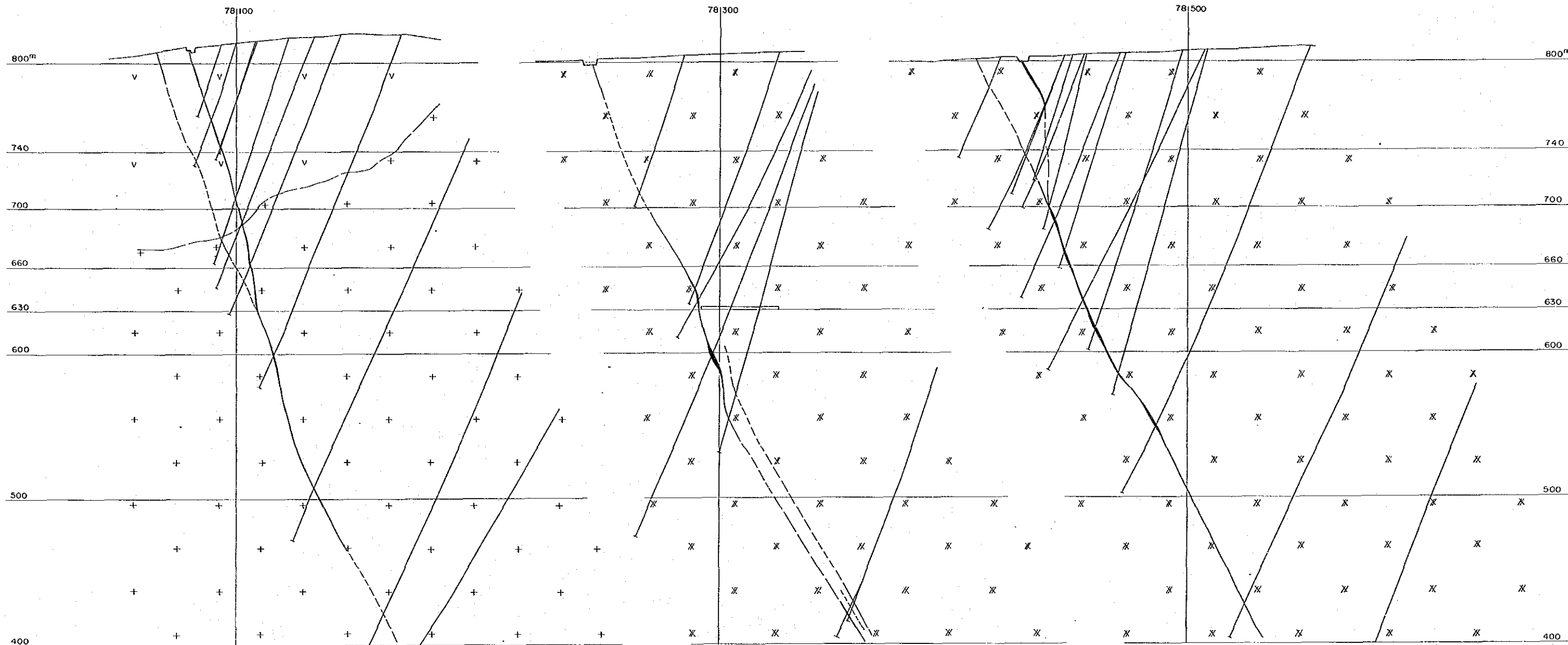
23 000 22 800 22 600 22 400

78 600  
78 400  
78 200  
78 000

Section 4-8

Section 4-5A

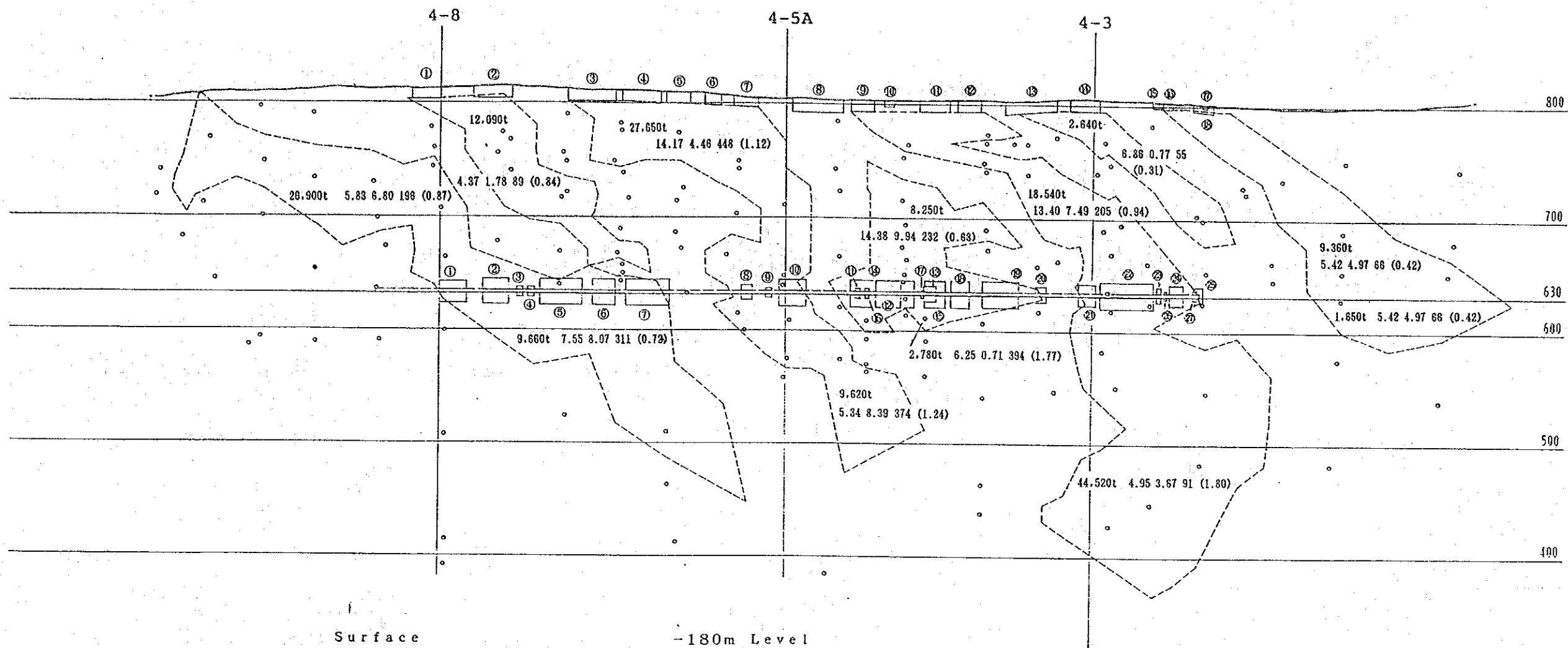
Section 4-3



Legend

- + Fine~Coarse grained Biotite Granite
- v Andesitic Pyroclastics and Lava
- x Granodiorite (Syanite~Diorite)
- Vein

Fig. 7	<b>Geological Section of No.4 Vein</b>		
Scale	1/2000	Date	1992.
Drawing-No.			



①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱																																																																								
420	12.13	1.14	147	(0.57)	1,710	19.07	3.77	325	(1.83)	1,690	11.06	1.61	182	(1.13)	1,270	17.30	1.01	222	(1.05)	1,250	8.89	1.27	110	(1.67)	780	16.54	0.36	167	(1.31)	880	12.25	0.31	149	(0.74)	1,030	11.13	0.11	166	(0.77)	690	9.50	0.19	115	(0.92)	150	12.63	0.95	374	(1.03)	740	8.68	0.12	117	(0.83)	320	10.77	0.10	262	(0.54)	820	14.18	0.19	144	(0.61)	360	15.24	0.18	362	(0.46)	50	8.08	0.14	148	(0.35)	120	10.87	0.12	318	(0.85)	10	5.11	0.09	197	(0.53)	100	7.68	0.11	140	(0.30)

①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑳																																																																																																																				
360	5.93	8.95	128	(0.54)	1,870	11.49	4.26	365	(1.56)	80	7.42	4.64	118	(0.87)	20	9.99	9.93	109	(0.38)	3,140	6.64	7.42	141	(1.31)	820	6.35	6.07	195	(0.69)	1,750	6.36	3.46	352	(0.73)	140	2.32	5.19	74	(0.48)	70	2.09	3.38	85	(1.00)	1,550	3.75	2.67	271	(0.74)	40	4.37	5.69	90	(0.55)	330	7.87	5.38	899	(0.28)	150	10.48	2.58	485	(0.53)	3,310	8.47	5.38	273	(0.79)	1,050	13.23	3.22	493	(0.70)	30	0.62	3.92	18	(0.45)	30	2.83	8.66	107	(0.40)	2,380	4.38	3.96	130	(1.99)	1,240	5.66	3.73	89	(0.69)	220	4.14	1.49	32	(0.75)	510	7.95	10.10	129	(0.77)	3,030	10.55	9.97	324	(0.92)	230	10.52	8.57	217	(0.77)	660	5.24	6.97	77	(0.99)	510	2.66	2.25	92	(1.70)	30	3.11	0.94	35	(0.50)	40	15.05	3.09	213	(0.63)

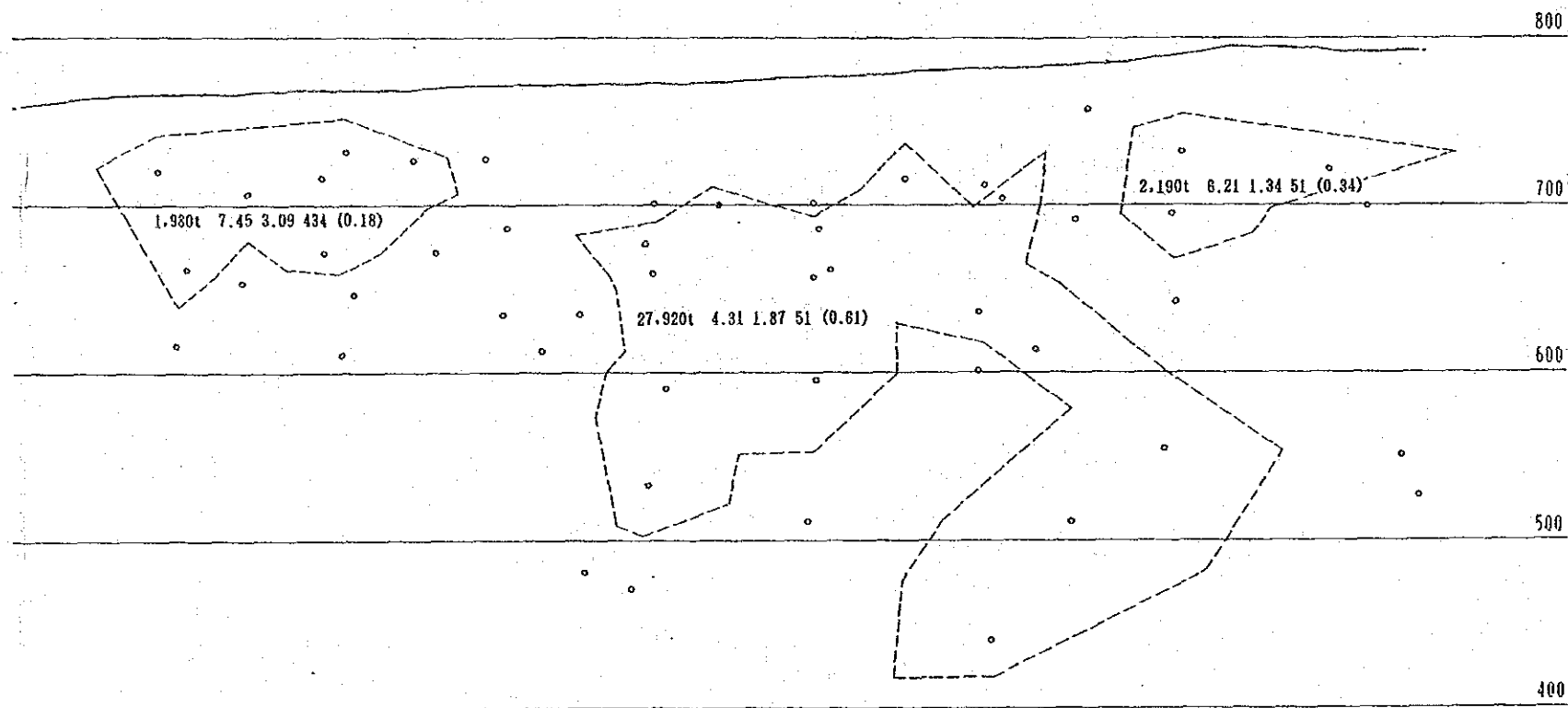
LEGEND

- Probable Reserve
- Possible Reserve



Quantity Pb % Zn % Ag g/t (width, m)  
 1,650t 5.42 4.97 66 (0.42)

Profile of the Ore Reserve Estimation  
No.4 Vein (Main Area)

Scale 1/4,000	Date 1992
Fig.8	



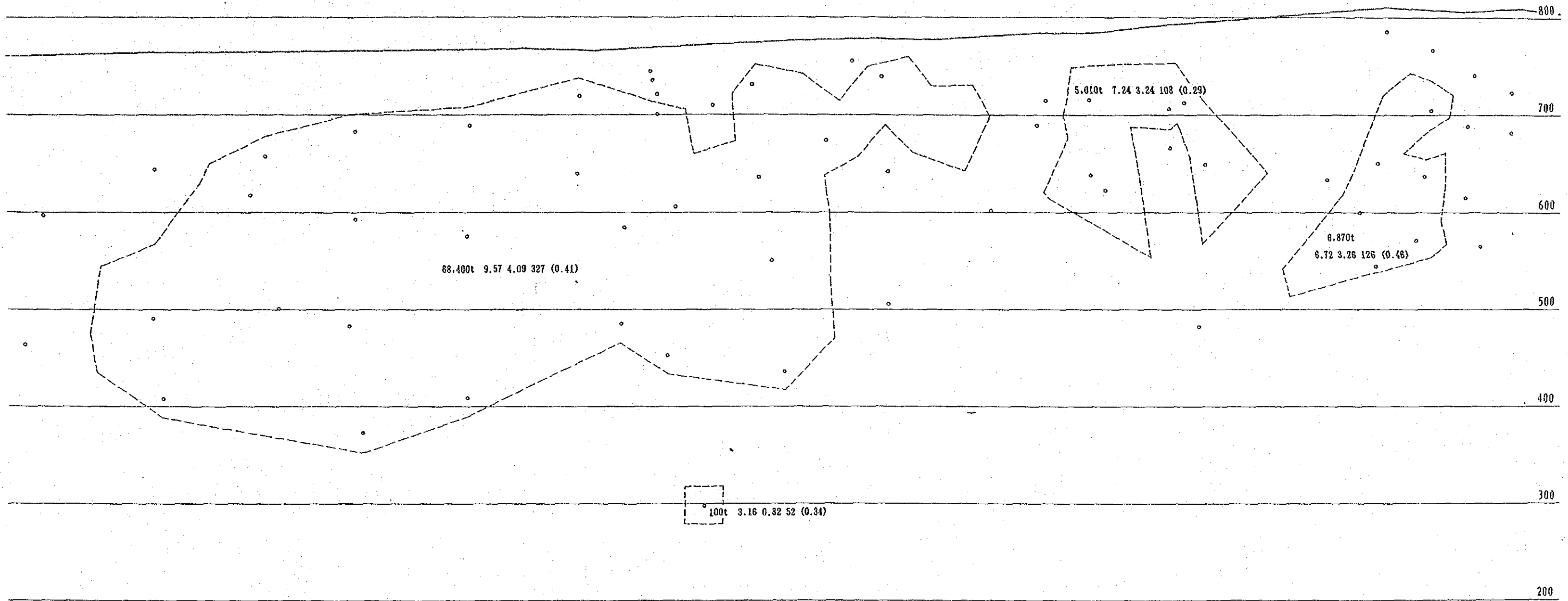
LEGEND

		Probable Reserve
		Possible Reserve

Quantity	Pb %	Zn %	Ag g/t	(width, m)
1,650t	5.42	4.97	66	(0.42)

Profile of the Ore Reserve Estimation No.4 Vein (Northern Area)	
Scale 1/4,000	Date 1992
Fig. 9	



LEGEND



Probable Reserve



Possible Reserve

Quantity	Pb %	Zn %	Ag g/t	(width, m)
1,650t	5.42	4.97	66	(0.42)

Profile of the Ore Reserve Estimation

No. 4A Vein

Scale 1/4,000

Date 1992

Fig. 10



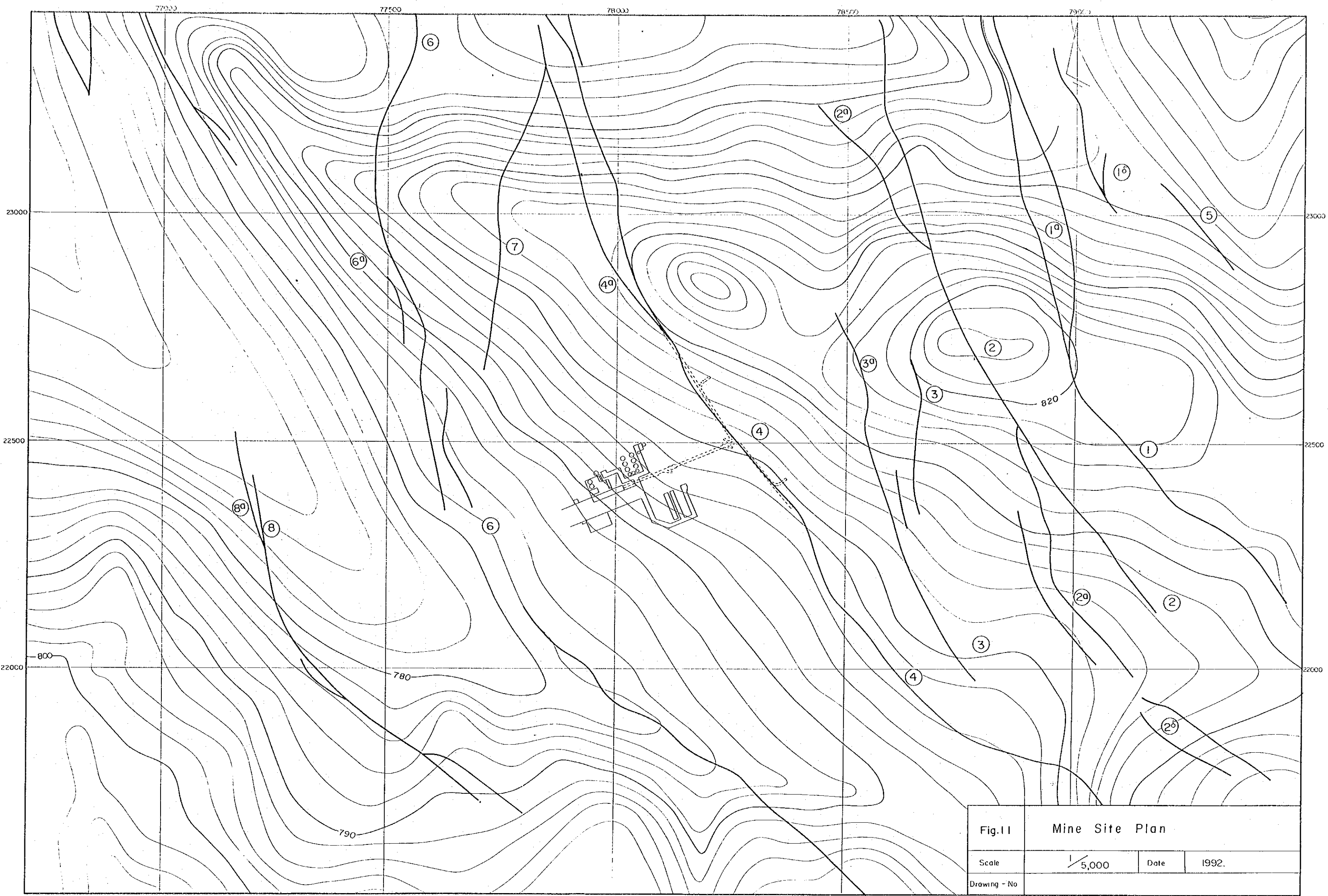


Fig.11		Mine Site Plan	
Scale	1/5,000	Date	1992.
Drawing - No			

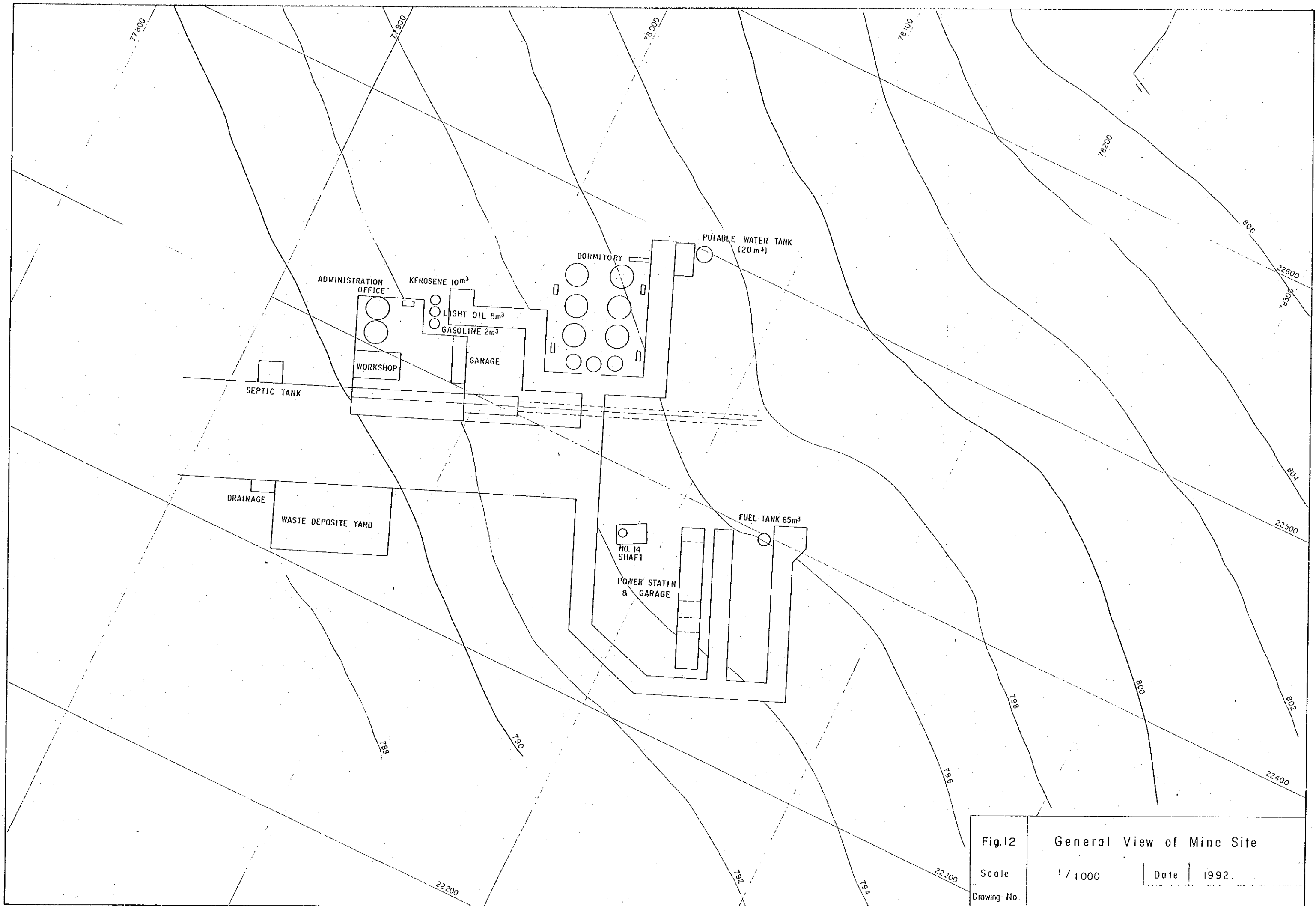


Fig.12	General View of Mine Site	
Scale	1/1000	Date   1992.
Drawing- No.		

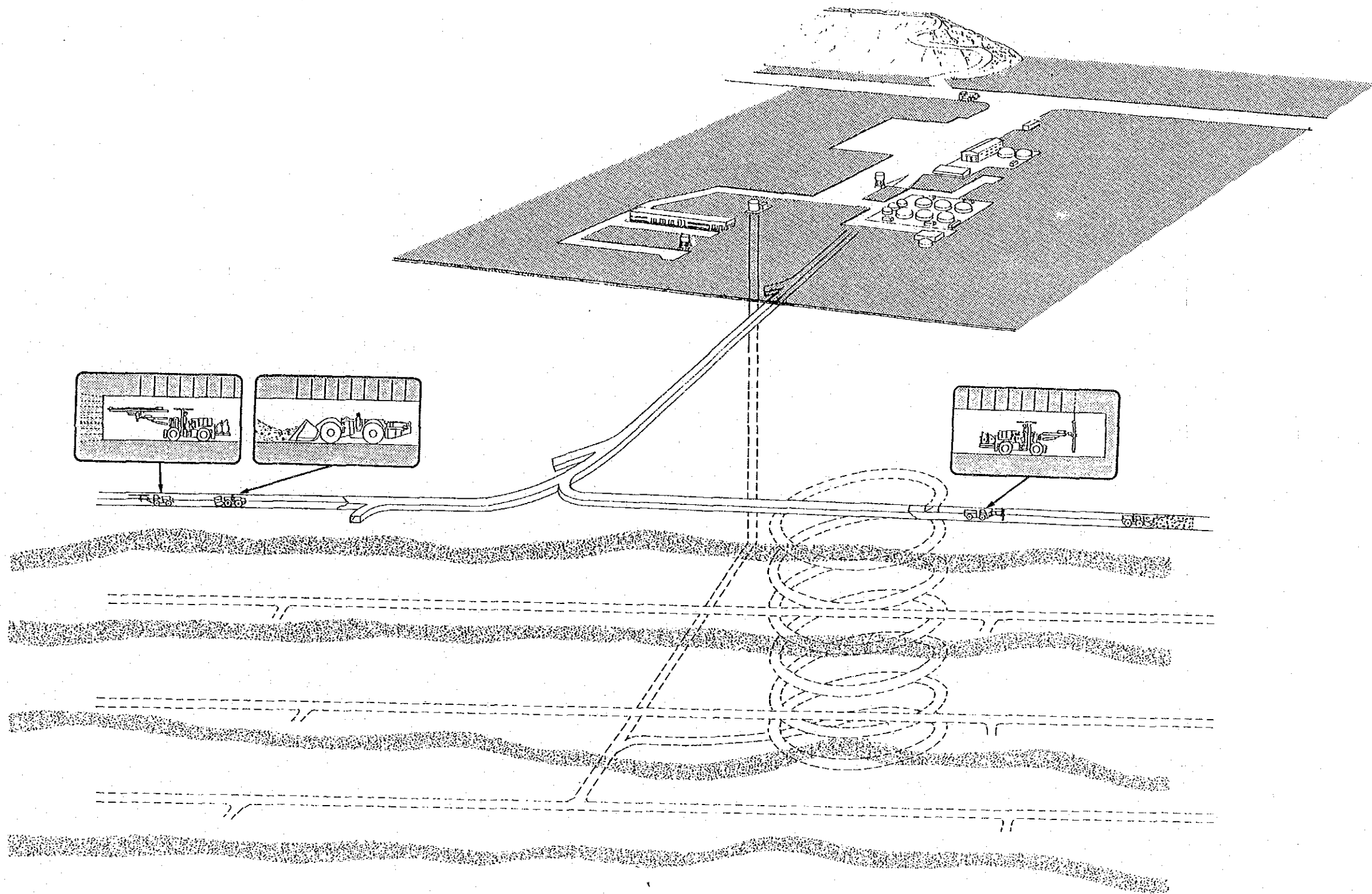
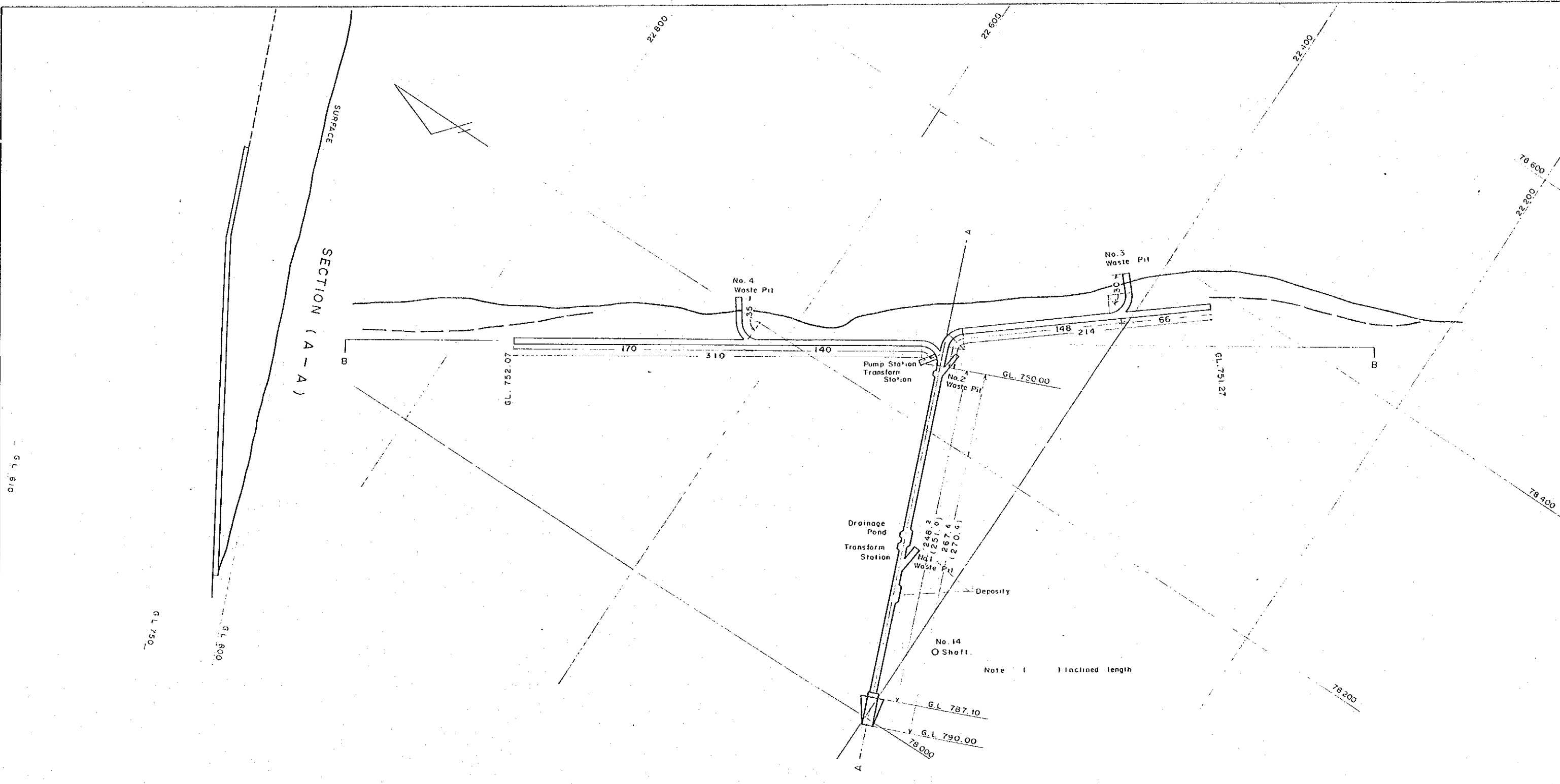


Fig. 13	Mine Site Facilities		
Scale		Date	1992.
Drawing-No			



Place	Quantity	Note
Inclined Shaft	251 <sup>m</sup>	8° 30' (degree) (Mine Mouth 3.6 <sup>m</sup> )
Waste pit	30	15 <sup>m</sup> x 2
Pump Station	15	15° (Degree)
Transform Station	(30) m <sup>3</sup>	15 <sup>m</sup> x 2
Drainage Pond	(15)	15 x 1
Depository	(130)	65 x 2 (for Jumbo & LHD)
Drift	524m	
Waste pit	65	

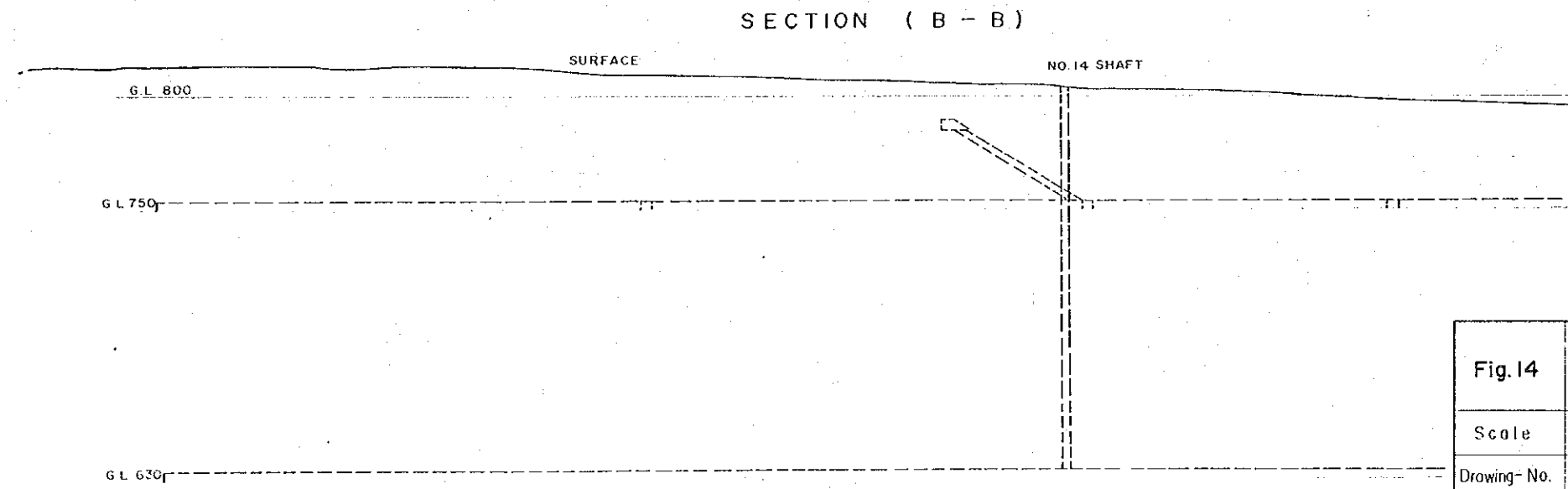
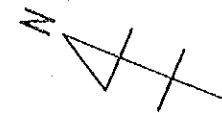
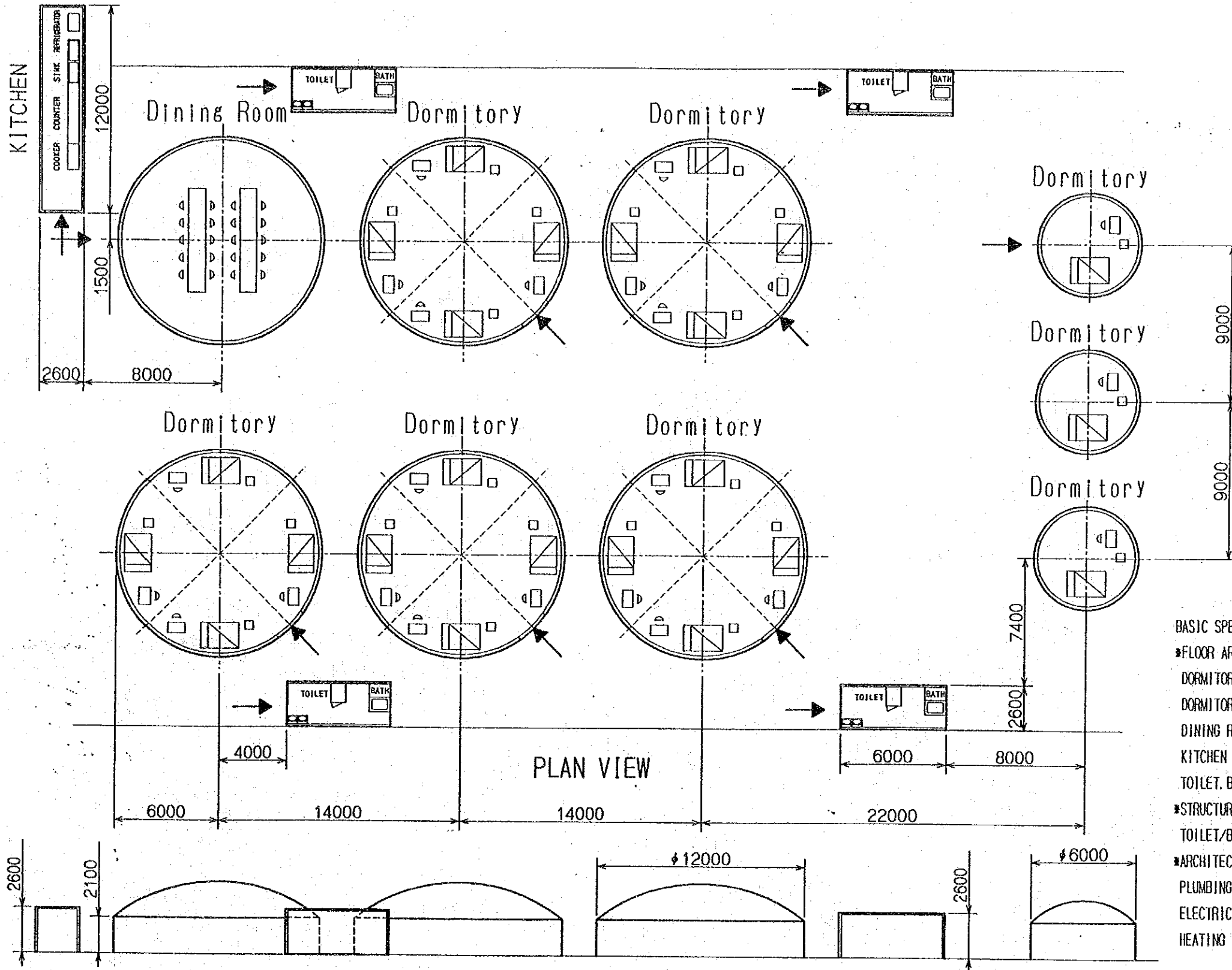


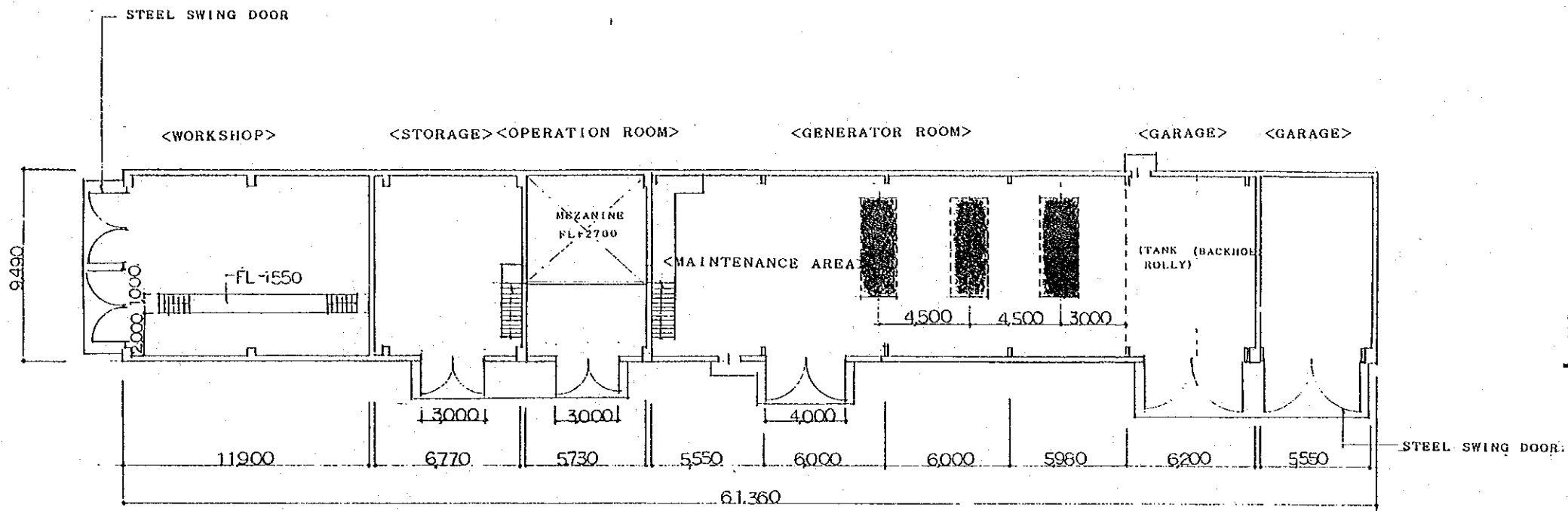
Fig.14	Underground Development Plan		
Scale	1/2000	Date	1992.
Drawing- No.			



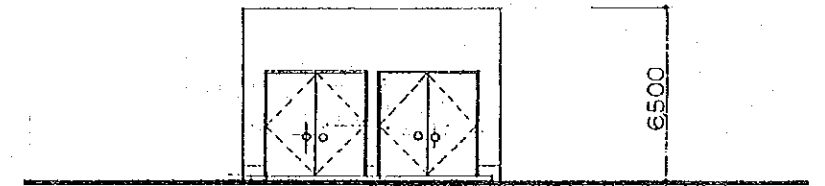
**BASIC SPECIFICATIONS**

- \*FLOOR AREA
- DORMITORY FOR STAFF : 565.2 m<sup>2</sup>
- DORMITORY FOR STAFF : 84.8 m<sup>2</sup>
- DINING ROOM : 113.0 m<sup>2</sup>
- KITCHEN : 31.2 m<sup>2</sup>
- TOILET, BATH : 62.4 m<sup>2</sup>
- \*STRUCTURE : 'PAO'
- TOILET/BATH/KITCHEN : PREFABRICATED UNIT, INSTALLED IN CONTAINER
- \*ARCHITECTURAL EQUIPMENT
- PLUMBING/SANITARY WORKS : HOT-WATER, BATH, SEPTIC TANK
- ELECTRICAL WORKS : LIGHTING, RECEPTACLE, COMMUNICATION EQUIPMENT
- HEATING : KEROSENE HEATER, ELECTRIC HEATER

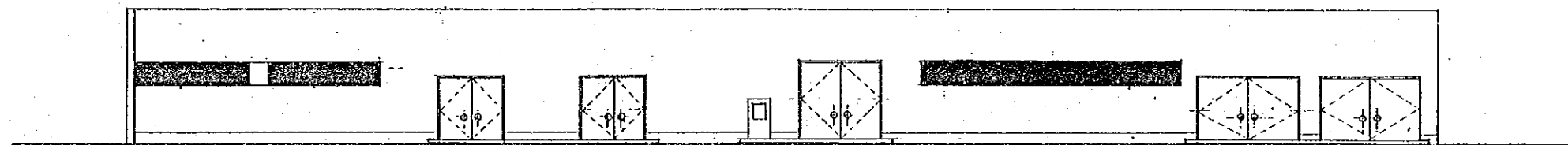
Fig.15	Dormitories		
SCALE	1:250	DATE	
DWG. No.			



FLOOR PLAN



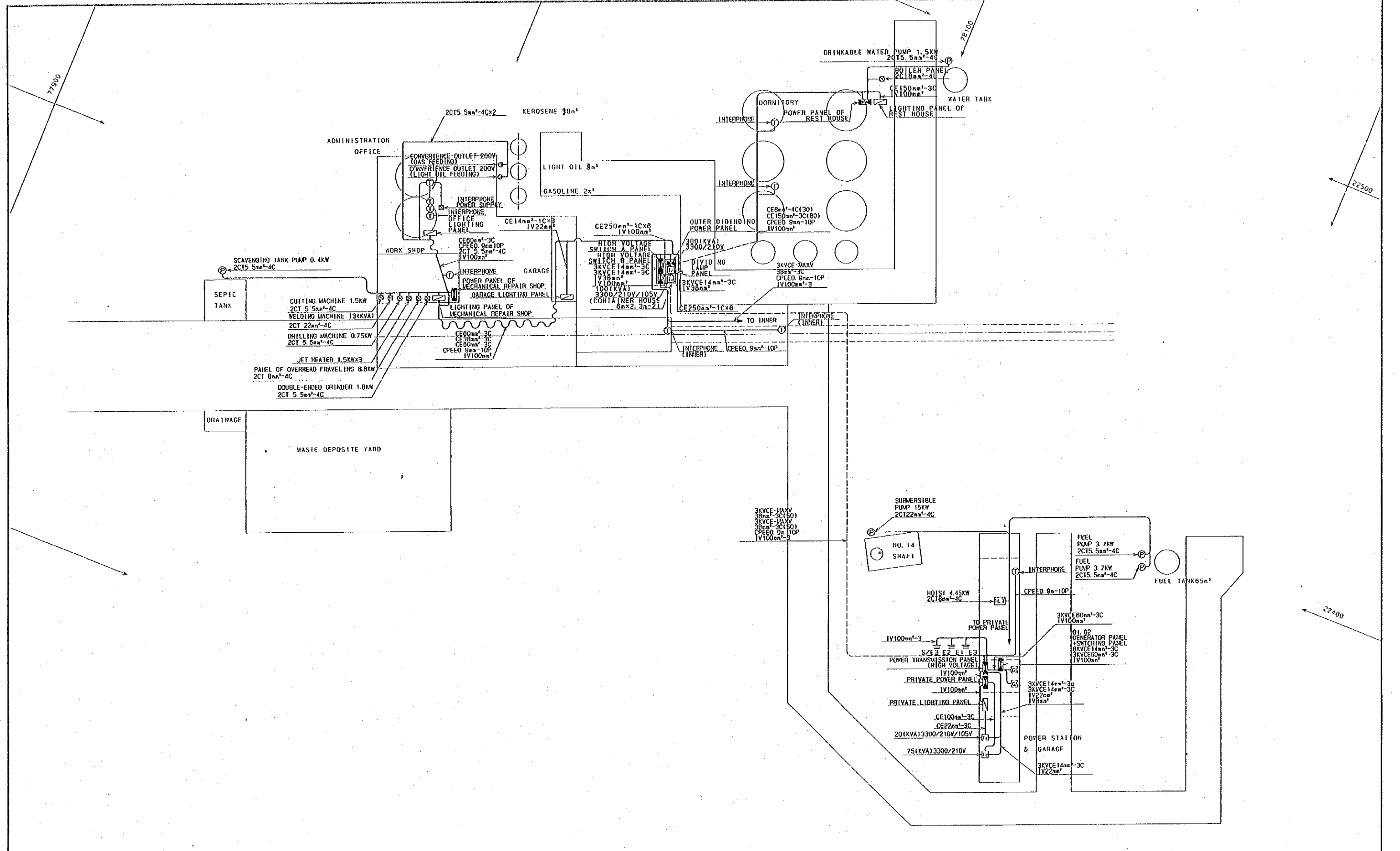
SOUTH ELEVATION



EAST ELEVATION

**FUNDAMENTAL SPECIFICATIONS**  
 MODIFICATION AND REPAIR OF AN EXISTING REINFORCED CONCRETE BUILDING (582.3m<sup>2</sup>), INCLUDING FOLLOWING WORKS:  
 • EXTERIOR WALL (BRICK WALLS, STEEL SWING DOORS)  
 • FLOOR (BACK FILLING OF EXISTING PITS)  
 • OTHER MISCELLANEOUS WORKS

Fig.16	Power Station Detailed Layout		
Scale	1/200	Date	1992
Drawing-NO.			



EXAMPLE

- : SURFACE WIRING
- - - : BURIED WIRING
- - - | : BURIED WIRING IN PIPE
- ( ) : WIRING IN PIPE
- ~~~~~ : AERIAL WIRING

Fig.17-1	WIRING DRAWINGS ELECTRICAL CABLE (1)		
SCALE	1/600	DATE	
DWG. No.			

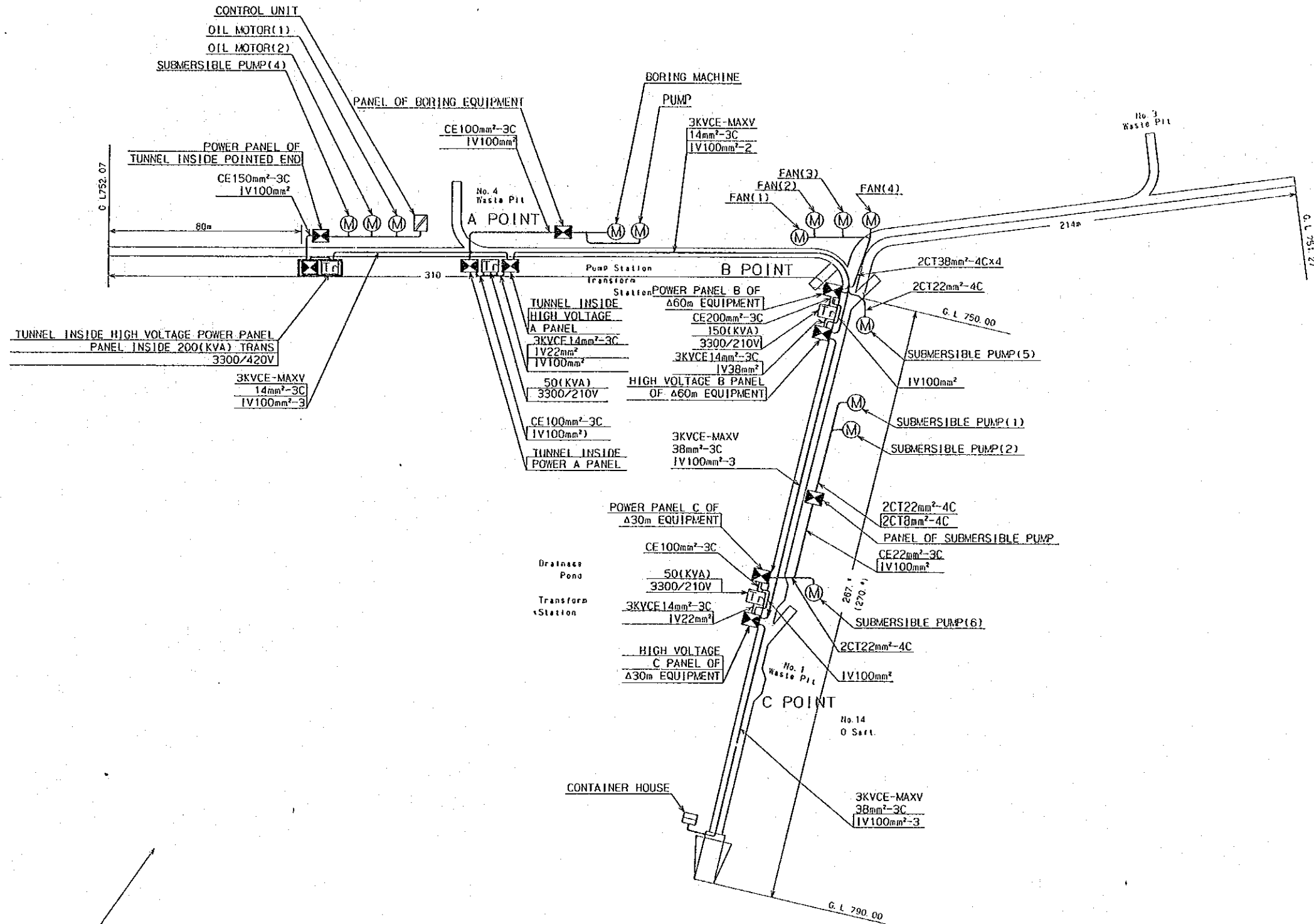
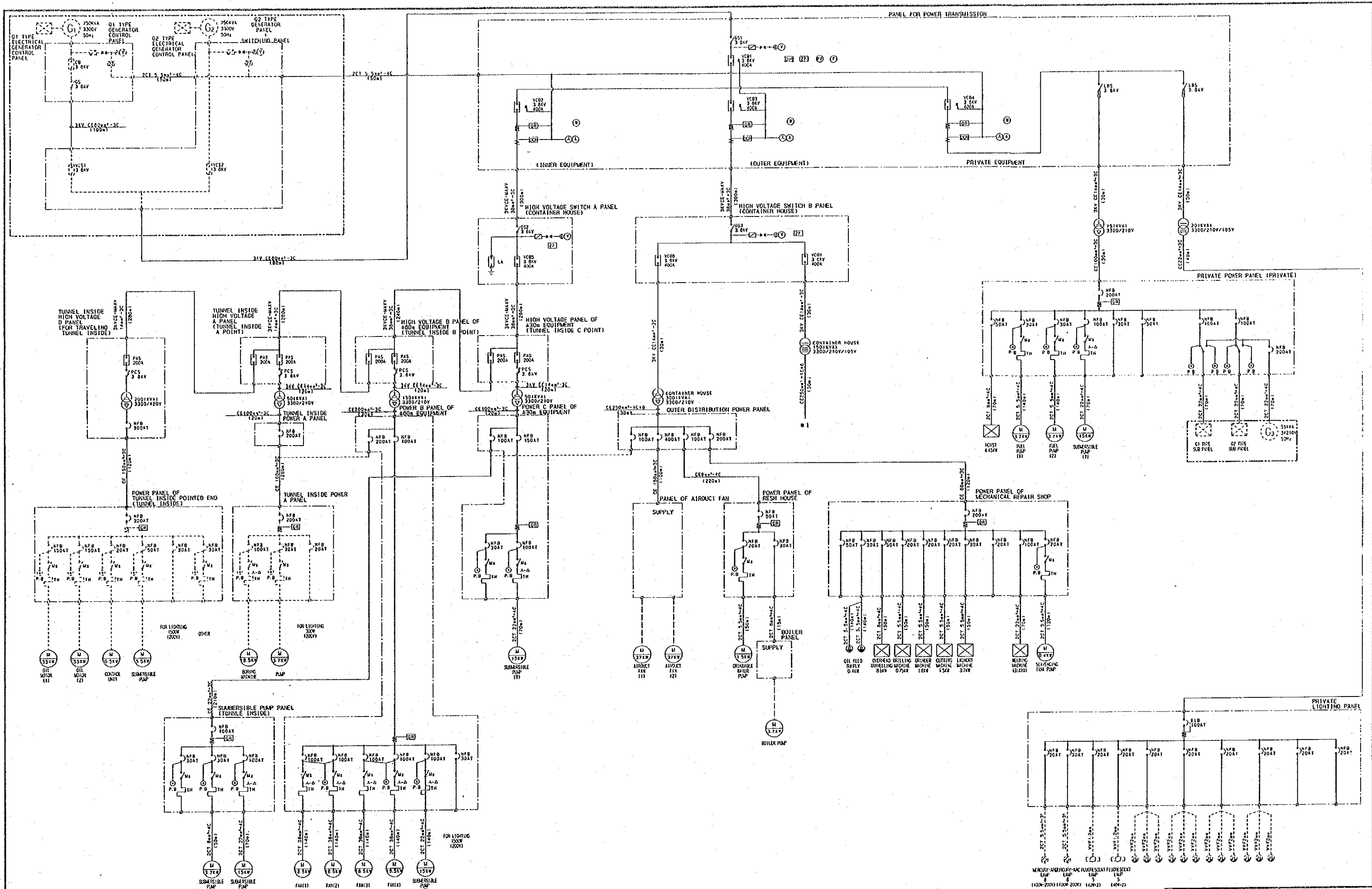


Fig.17-2	WIRING DRAWINGS ELECTRICAL CABLE (2)		
SCALE	1/1500	DATE	
DWG. No.			





IN ALL PANEL IV100mm<sup>2</sup> WIRE FOR EARTHING

Fig.18-1	SINGLE LINE DIAGRAM (1)	
SCALE		DATE
DWG. No.		

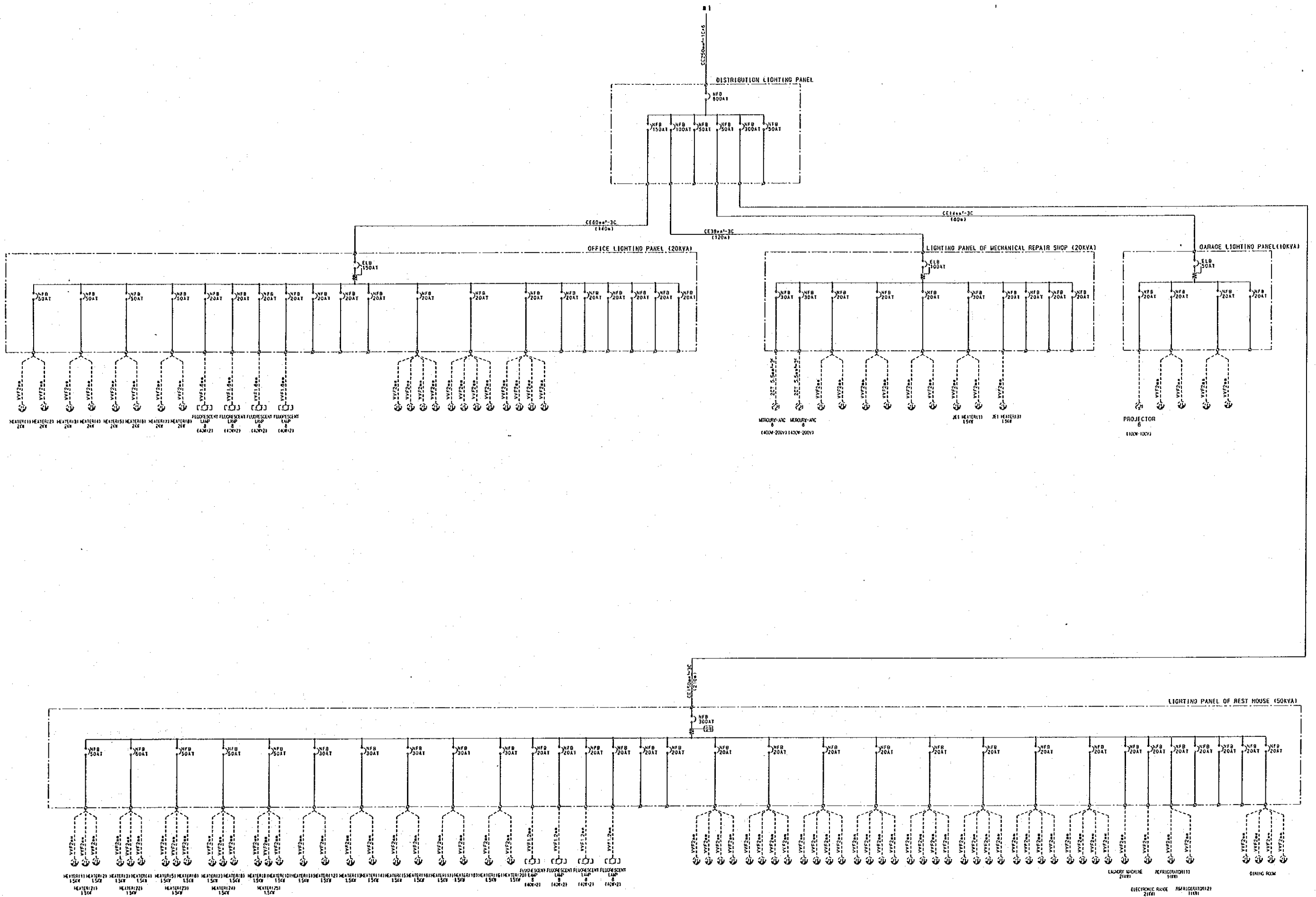
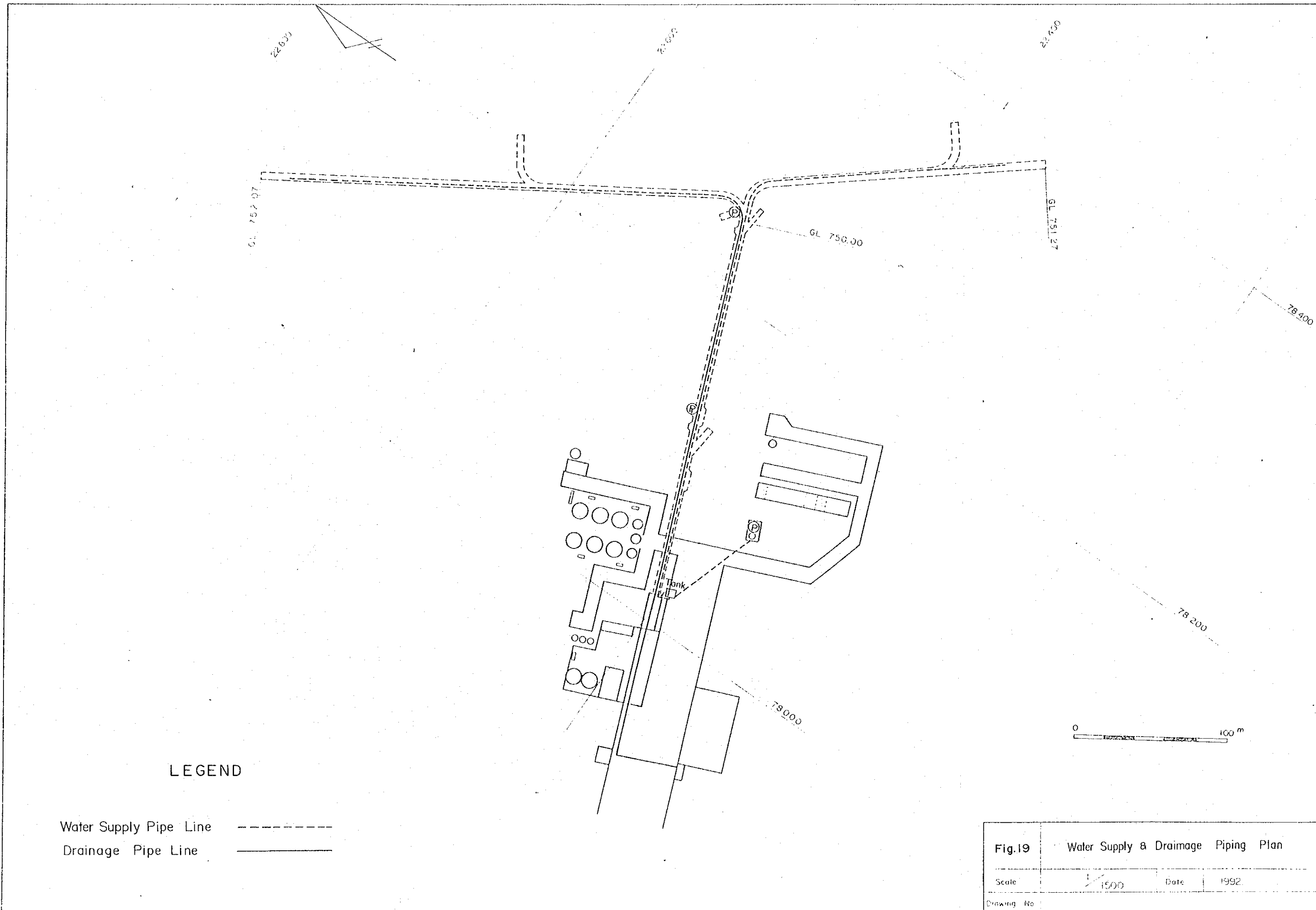


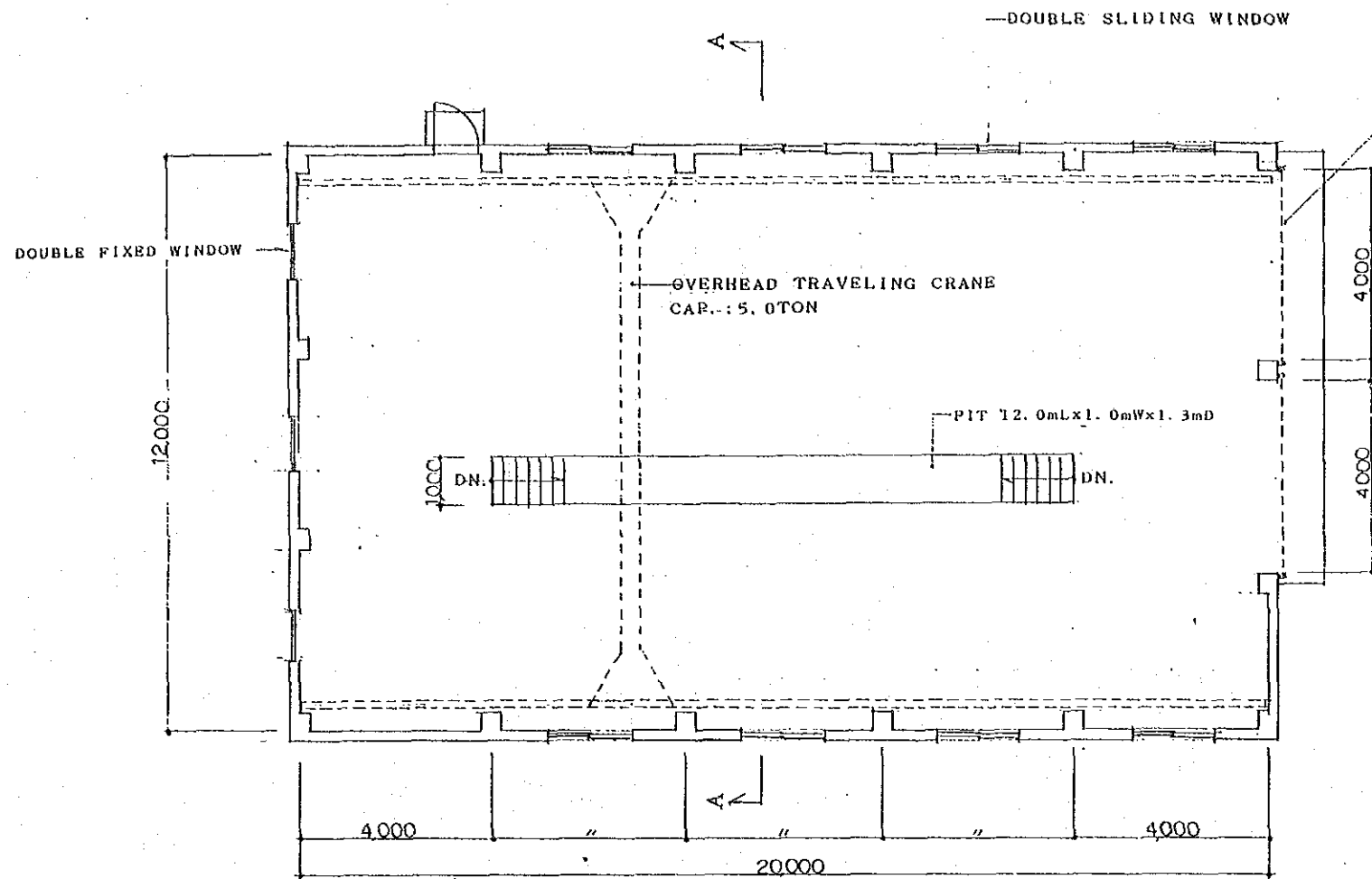
Fig.18-2	SINGLE LINE DIAGRAM (2)
SCALE	DATE
DWG. No.	



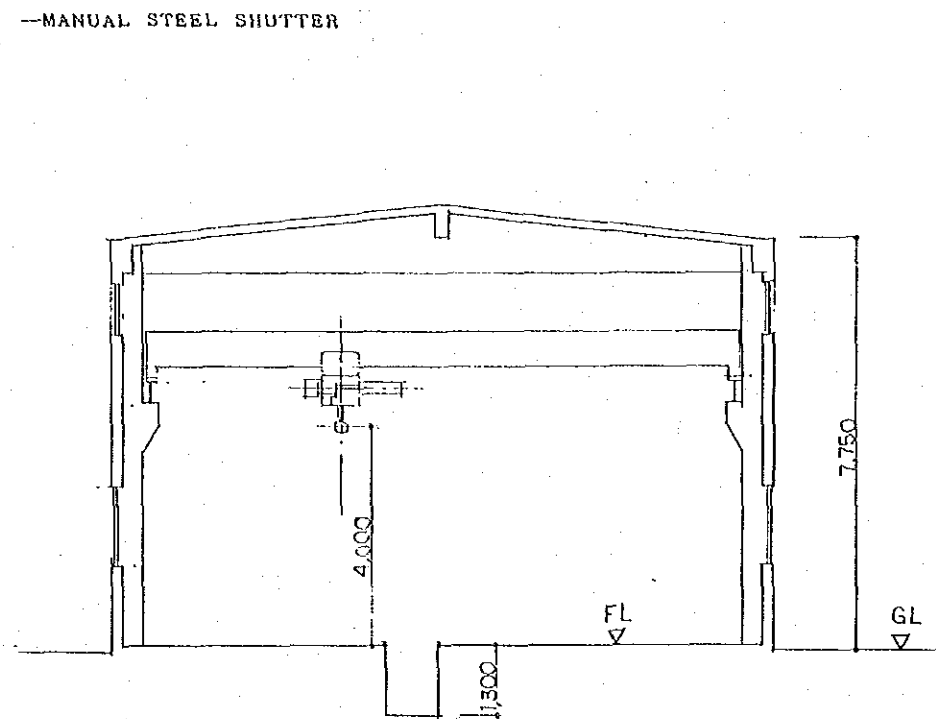
LEGEND

- Water Supply Pipe Line    - - - - -
- Drainage Pipe Line        —————

<b>Fig.19</b>		<b>Water Supply &amp; Drainage Piping Plan</b>	
Scale	1:500	Date	1992
Drawing No			



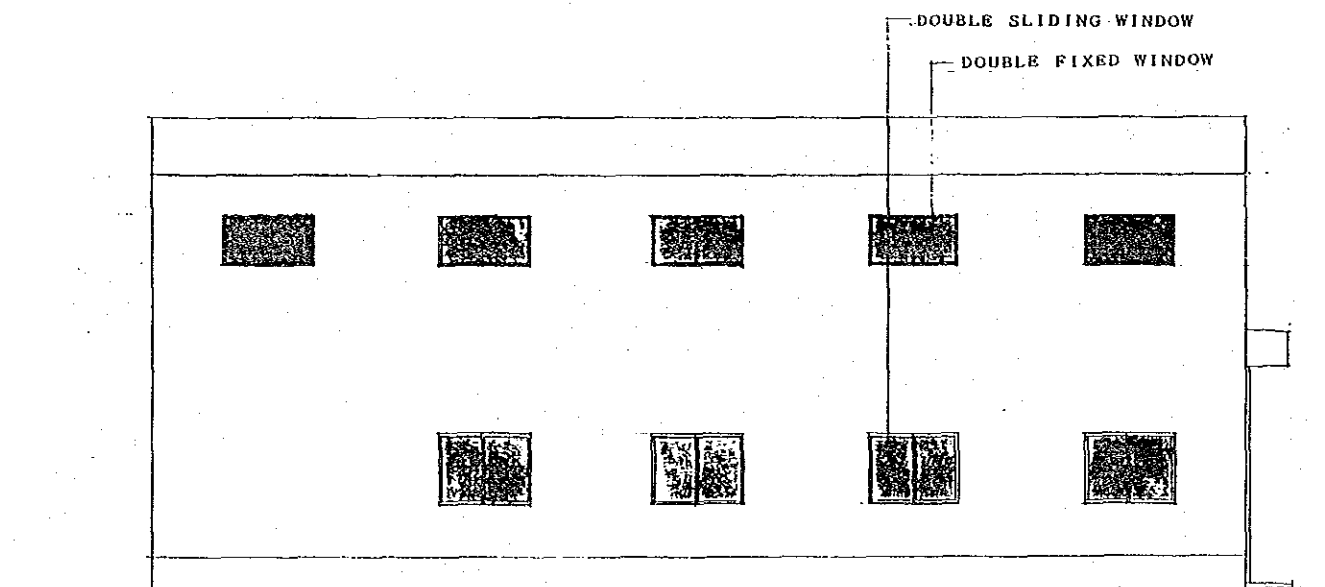
FLOOR PLAN



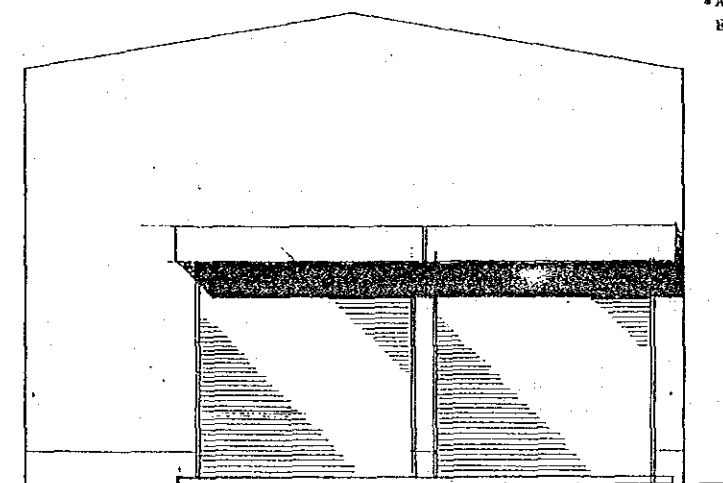
A~A SECTION

FUNDAMENTAL SPECIFICATIONS

- FLOOR AREA : 240.0m<sup>2</sup>
- STRUCTURE
  - FOUNDATION/FRAME : REINFORCED CONCRETE
  - FLOOR/ROOF SLAB : REINFORCED CONCRETE
  - WALL : MASONRY BRICK
- EXTERIOR FINISH
  - WALL : CEMENT MORTAR
  - ROOF : WATER PROOF MORTAR
  - WINDOW : DOUBLE ALUMINIUM SASH
  - DOOR : MANUAL STEEL SHUTTER, OIL PAINT
- INTERIOR FINISH
  - FLOOR : CEMENT MORTAR
  - WALL : CEMENT MORTAR
  - CEILING : ARCHITECTURAL CONCRETE
- ARCHITECTURAL EQUIPMENT
  - ELECTRICAL WORK : LIGHTING, RECEPTACLE

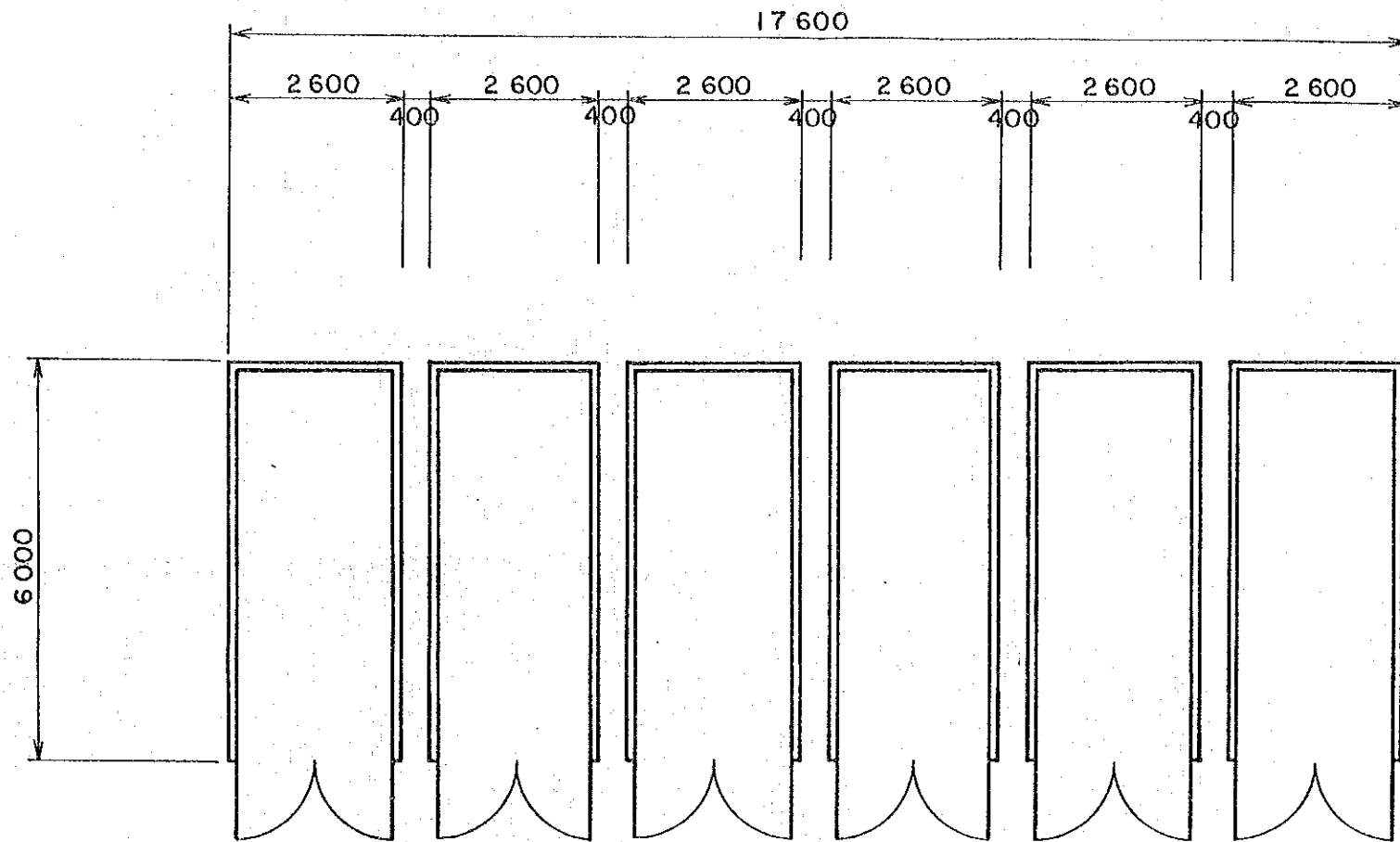


SOUTH ELEVATION

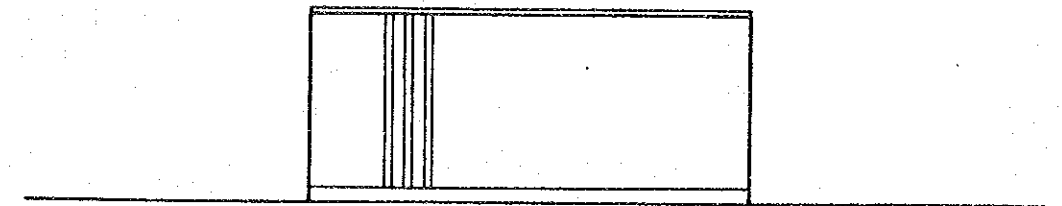


EAST ELEVATION

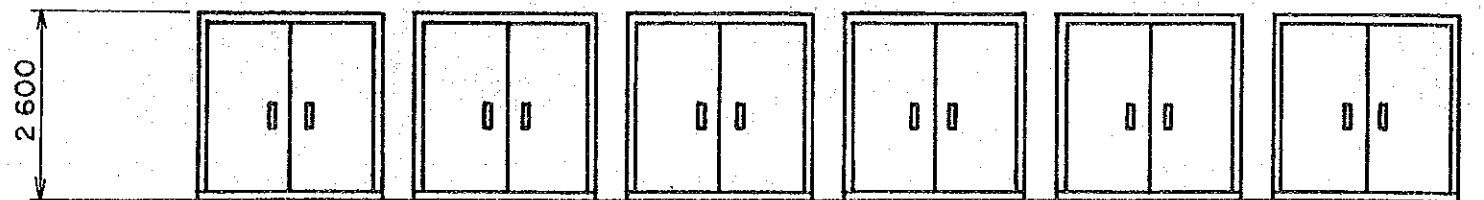
Fig.20	Workshop		
Scale	1/100	Date	1992.
Drawing-NO.			



FLOOR PLAN



SOUTH ELEVATION



WEST ELEVATION

FUNDAMENTAL SPECIFICATIONS

- \* FLOOR AREA : 106 m<sup>2</sup>
- \* STRUCTURE : CONTAINER
- \* ARCHITECTURAL EQUIPMENT : LIGHTING RECEPTACLE
- ELECTRICAL WORK



Fig.21	Garage		
Scale	1/100	Date	1992.
Drawing - No			

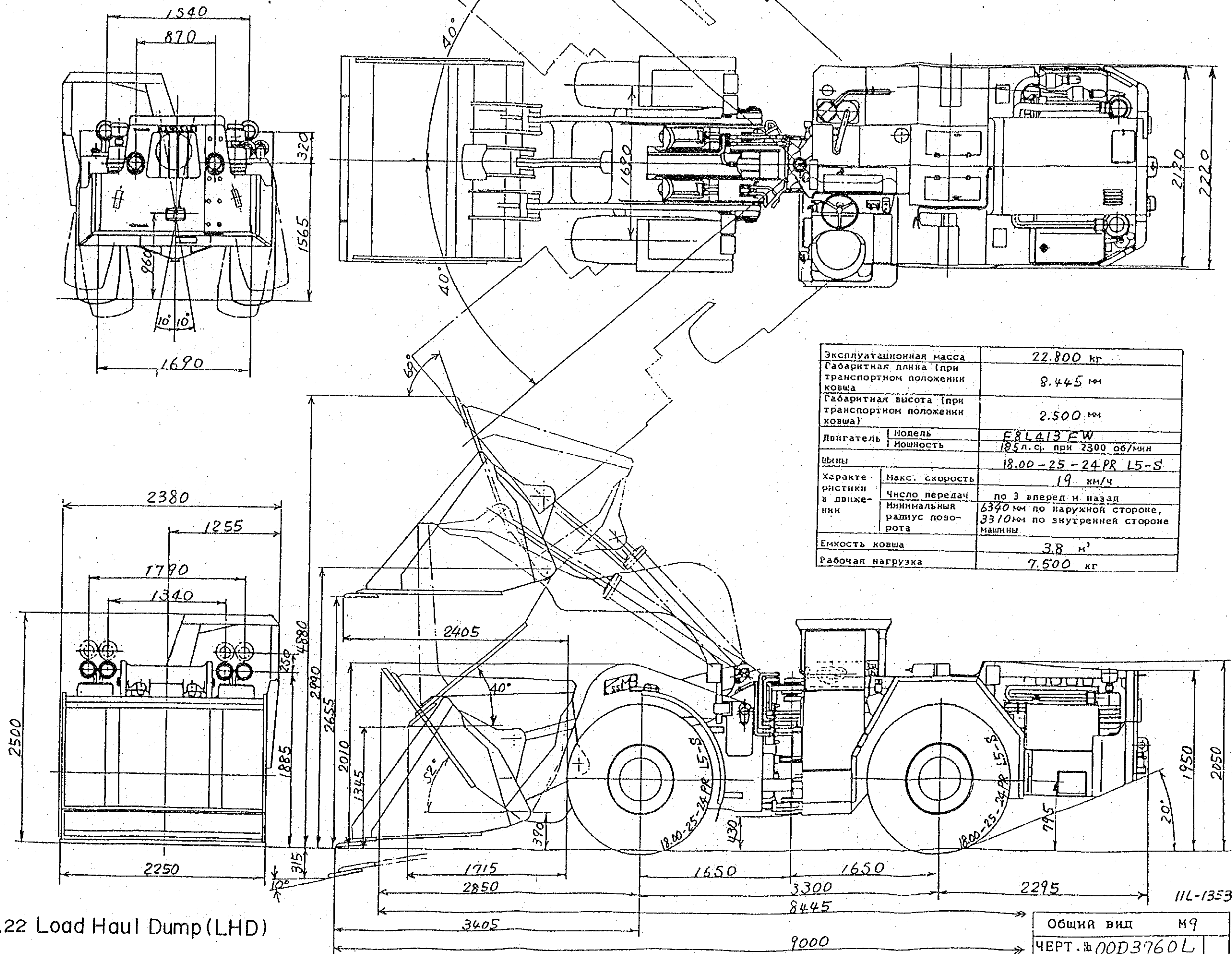


Fig.22 Load Haul Dump (LHD)

Общий вид М9  
ЧЕРТ. № 00D3760L

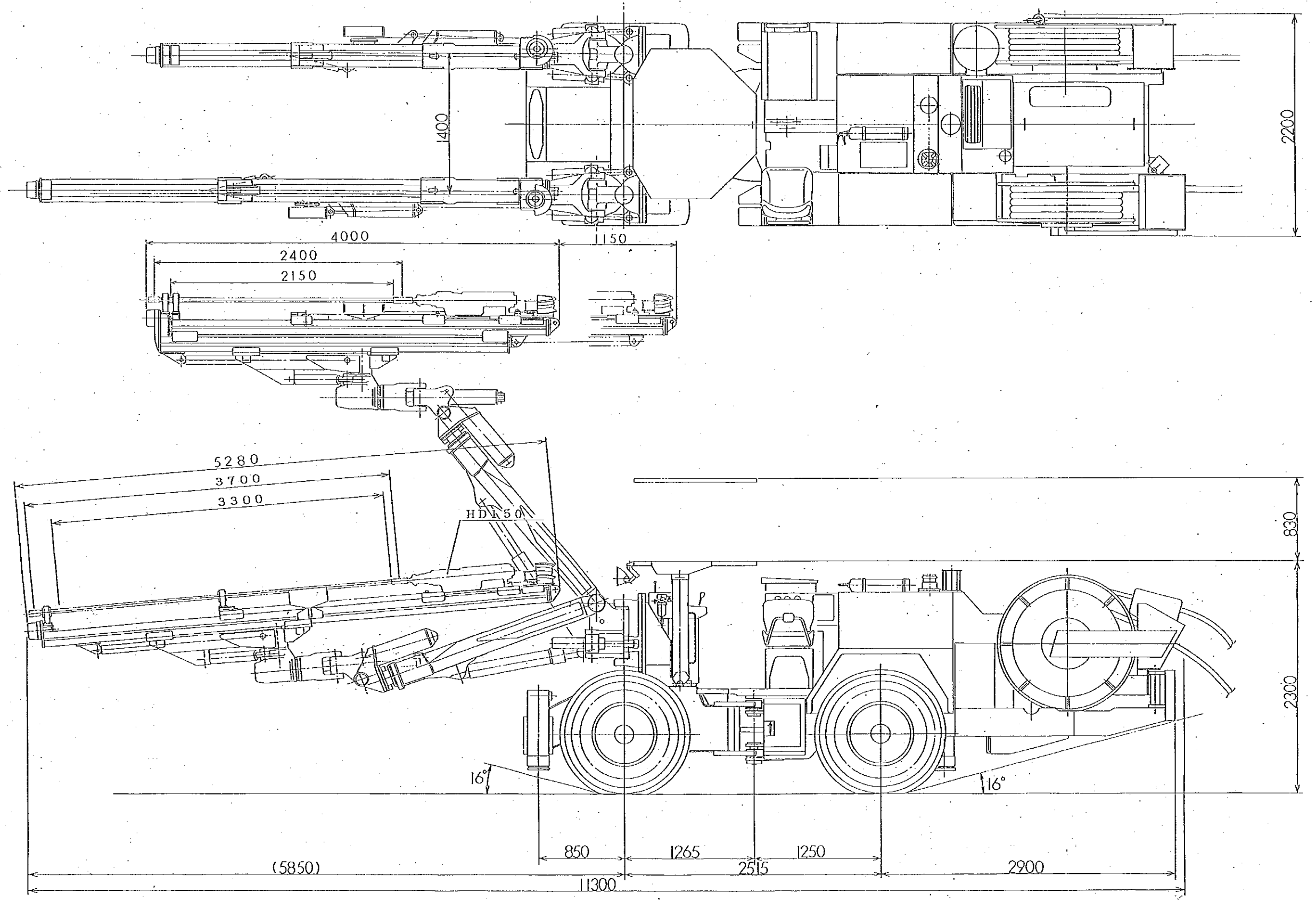


Fig. 23 Wheel Jumbo Drill

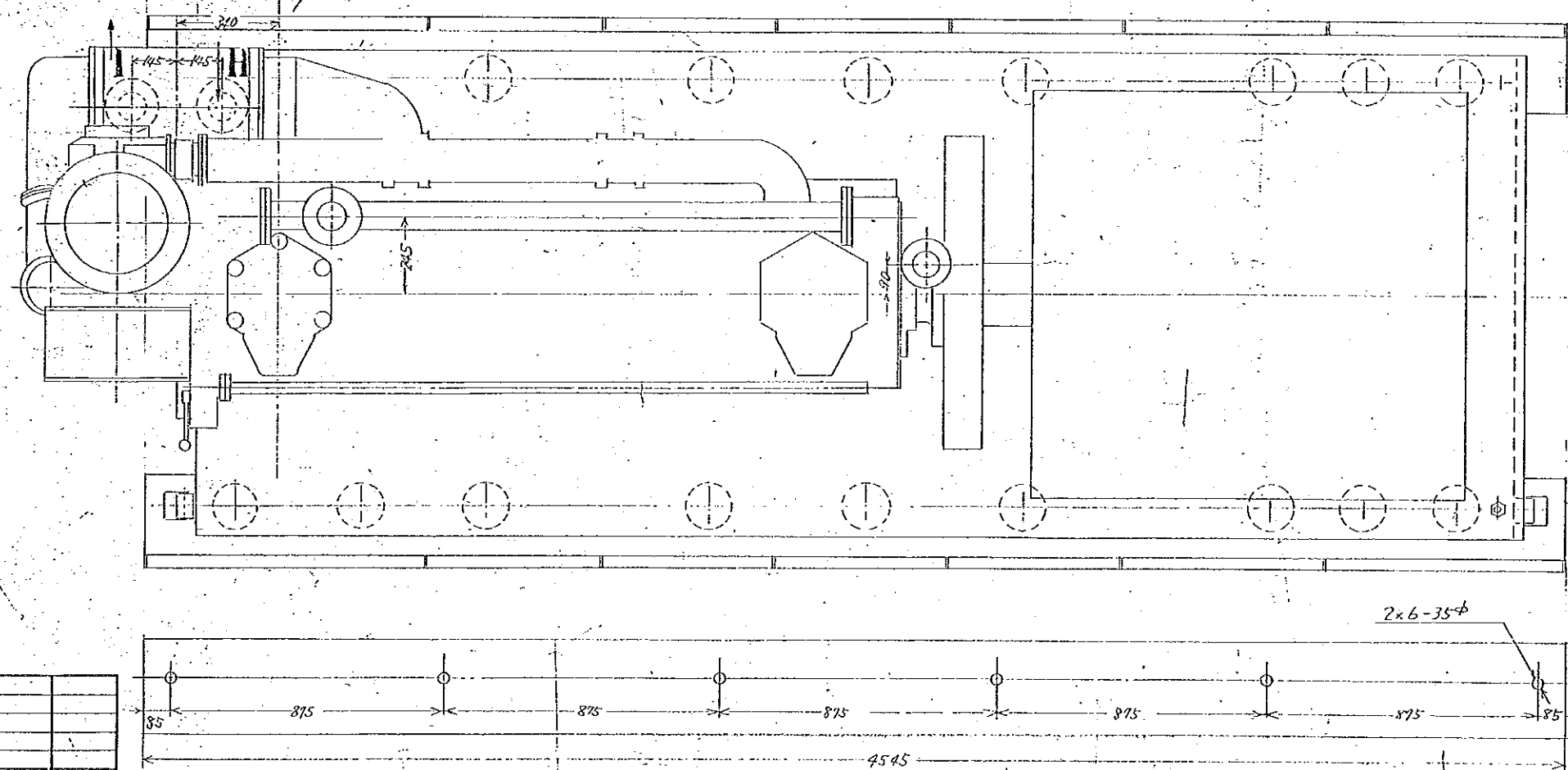
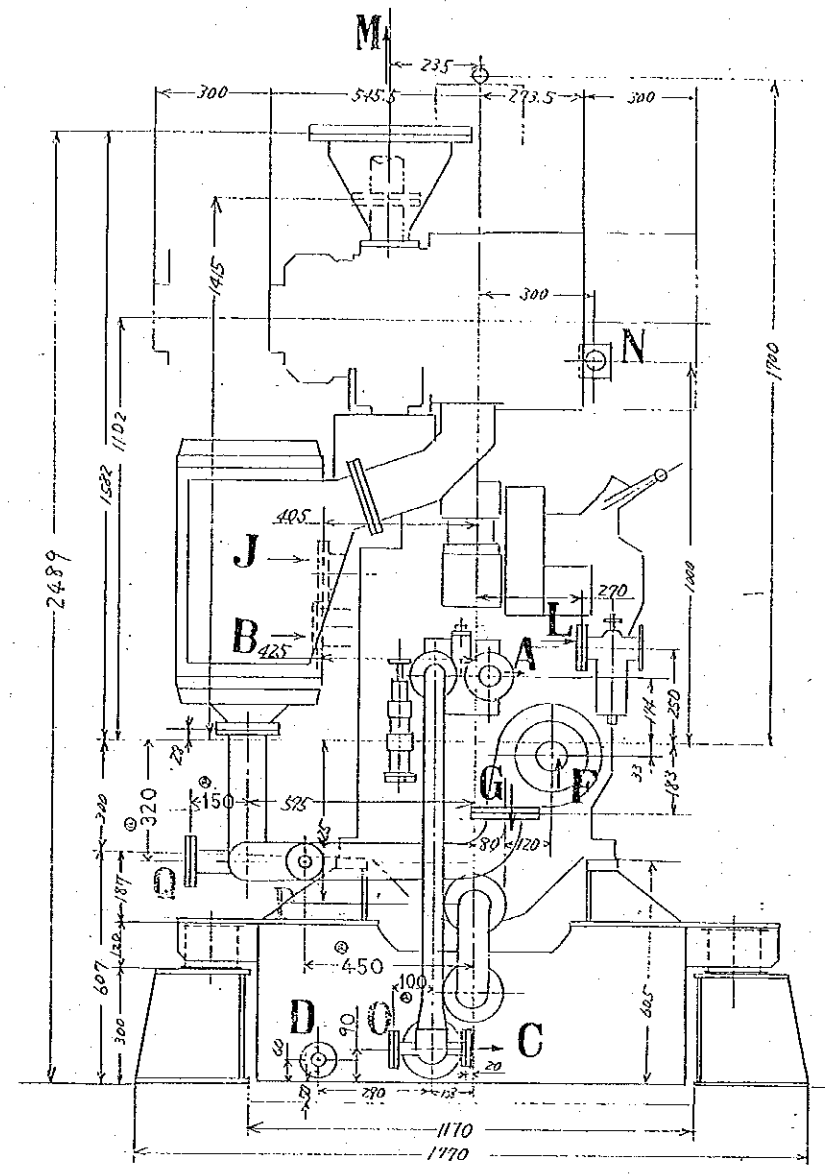
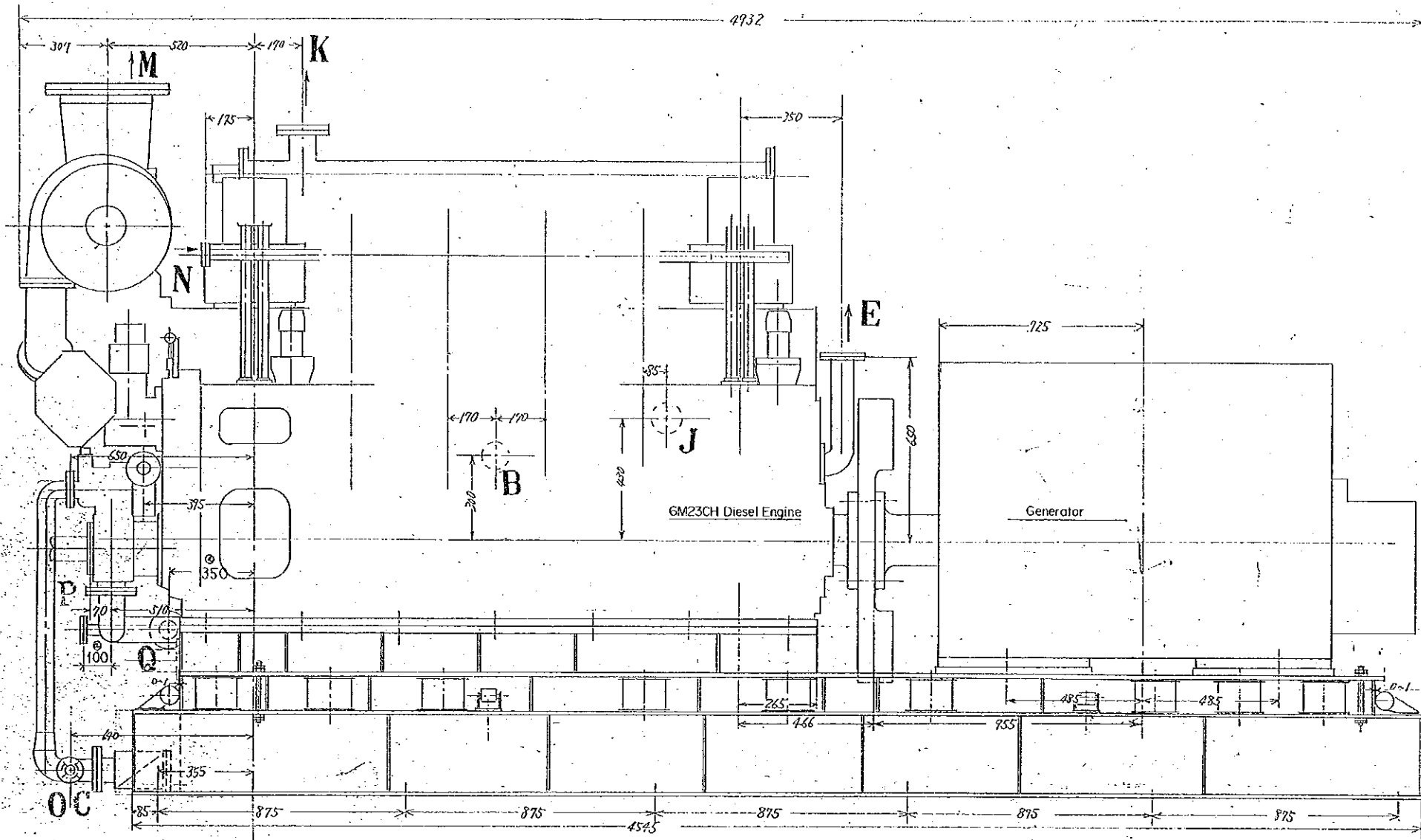


Fig. 24 Electric Generator

JIG. NAME	JIG. No.



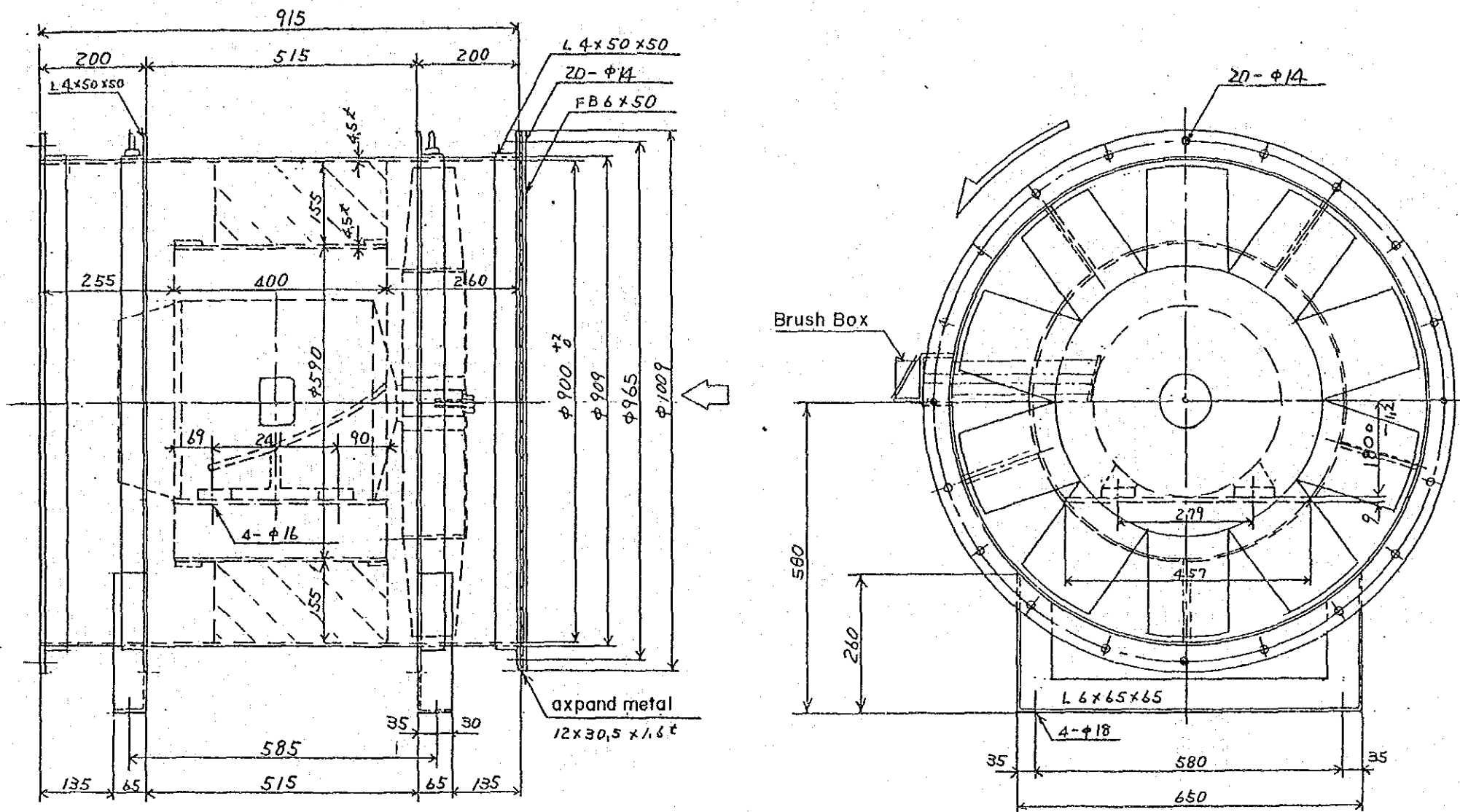


Fig. 25 Electric Propeller Fan

Fig.26 Ventilation Duct

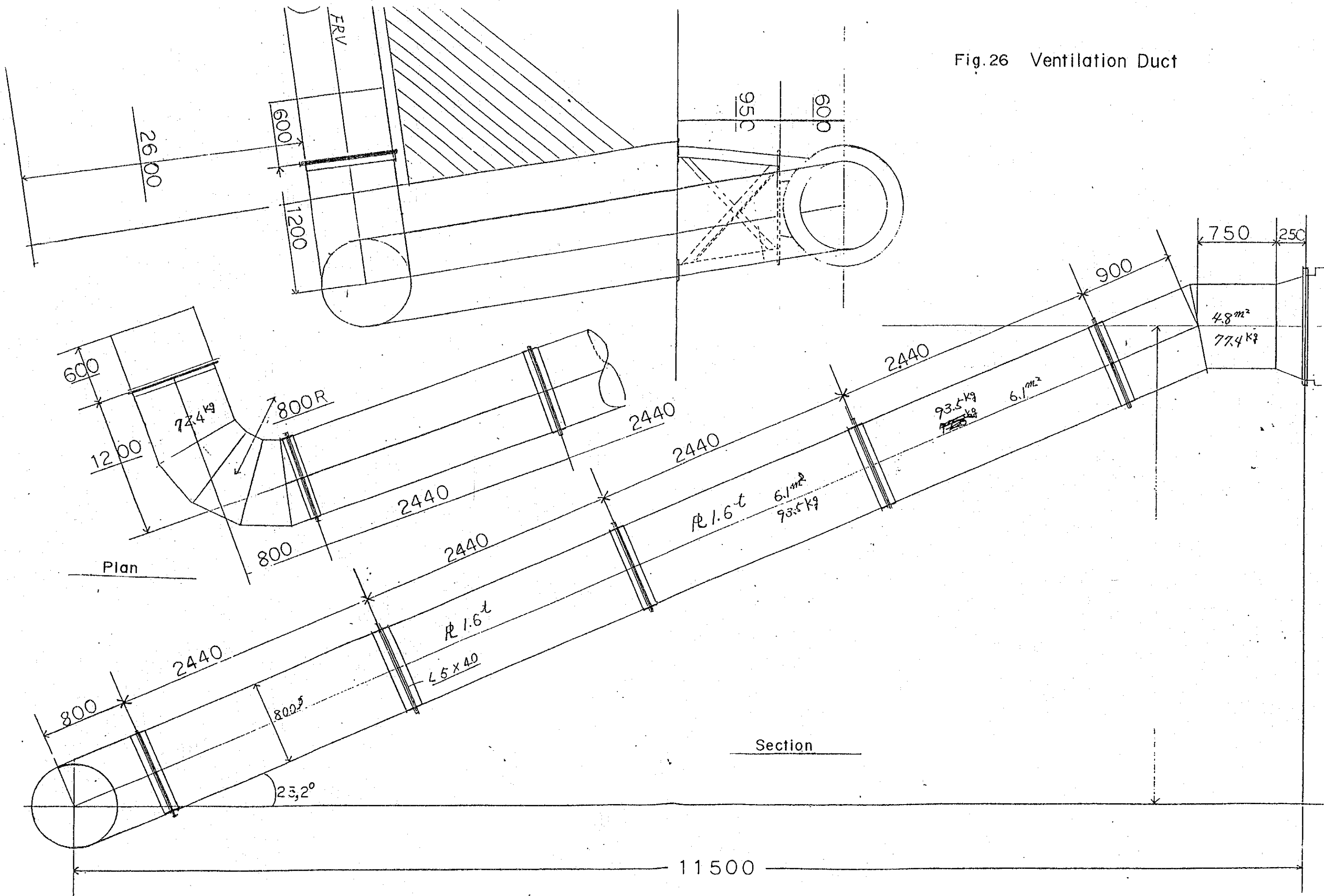
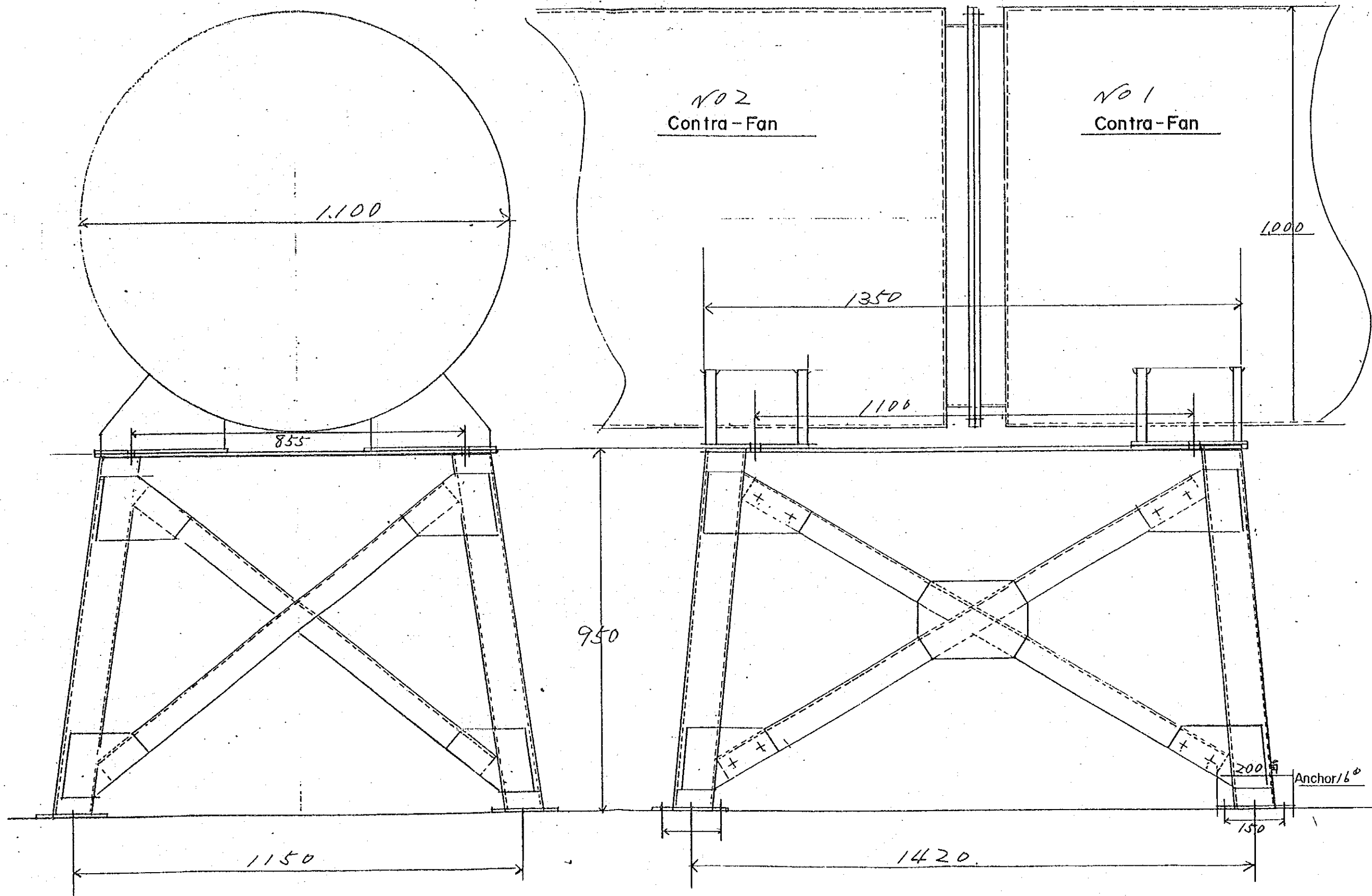
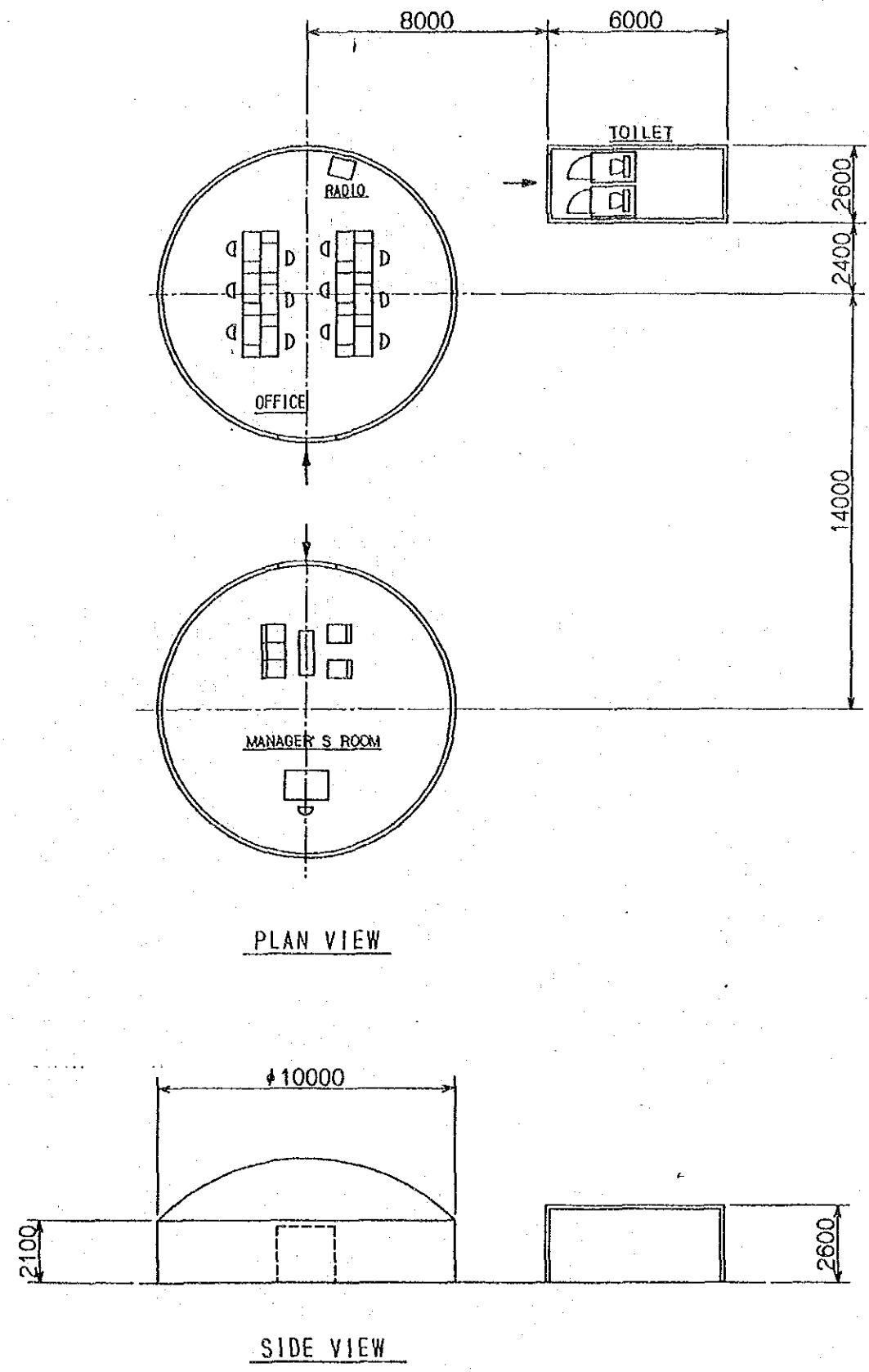


Fig. 27 Electric Contra-Fan



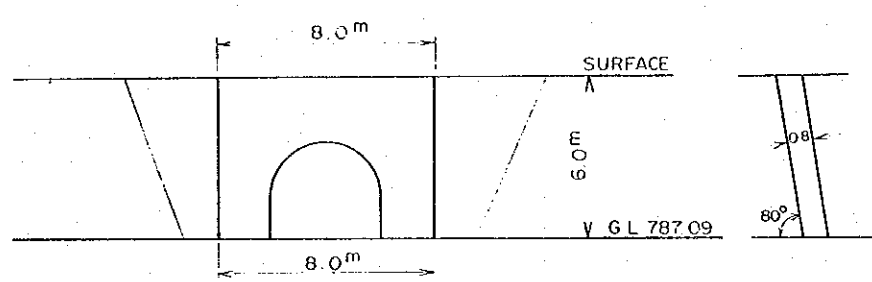


**BASIC SPECIFICATIONS**

- \*FLOOR AREA
  - OFFICE : 157.0m<sup>2</sup>
  - TOILET : 13.8m<sup>2</sup>
- \*STRUCTURE
  - OFFICE : 'PAO'
  - TOILET : PREFABRICATED UNIT INSTALLED IN CONTAINER
- \*ARCHITECTURAL EQUIPMENT
  - PLUMBING/SANITARY WORKS : SEPTIC TANK
  - ELECTRICAL WORKS : LIGHTING, RECEPTACLE, COMMUNICATION EQUIPMENT
  - HEATING : KEROSENE HEATER, ELECTRIC HEATER

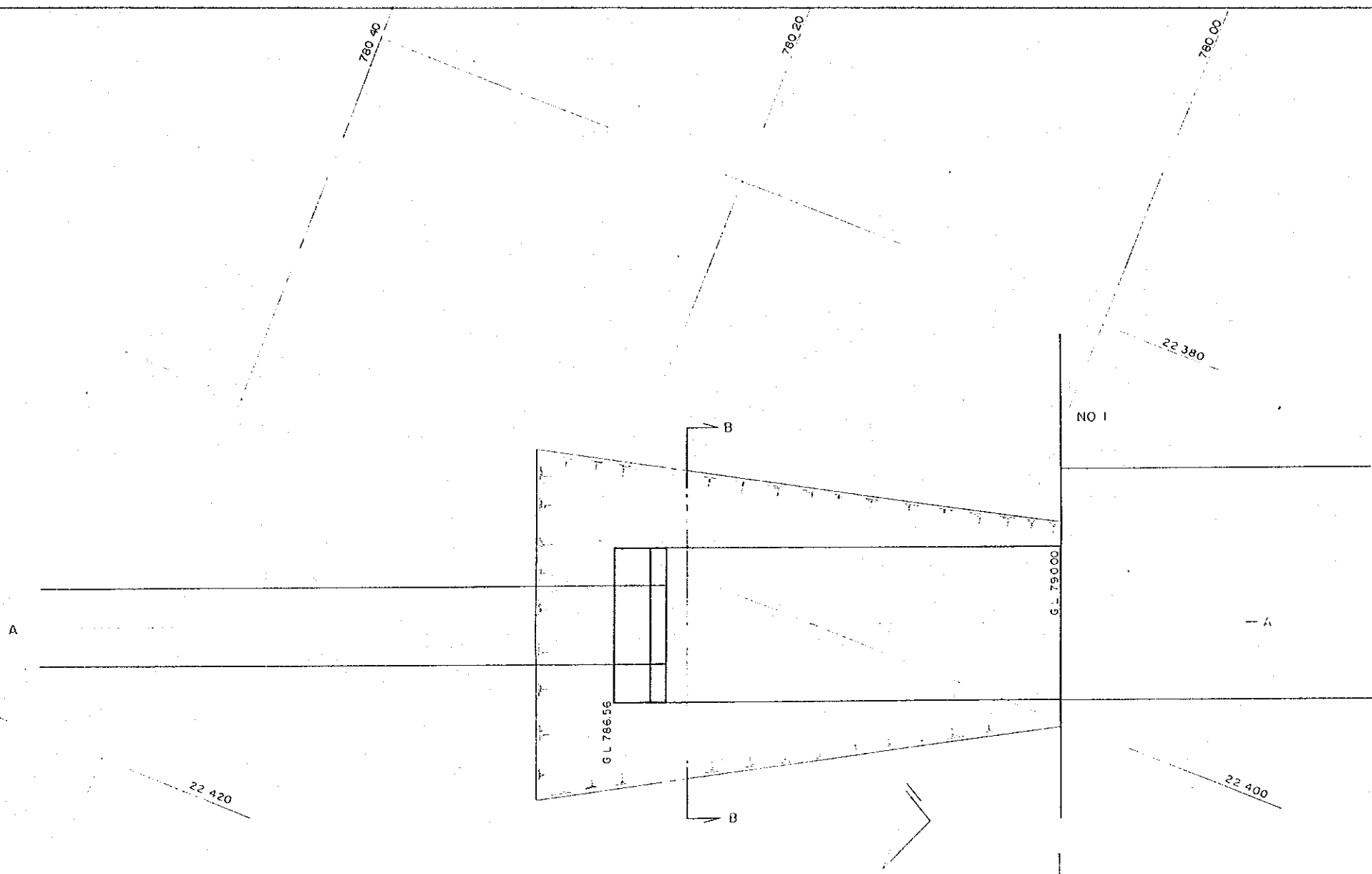
Fig.28	Administration Office		
SCALE	1:200	DATE	
DWG. No.			

a part of mine portal



B - B SECTION

A - A SECTION



SURFACE

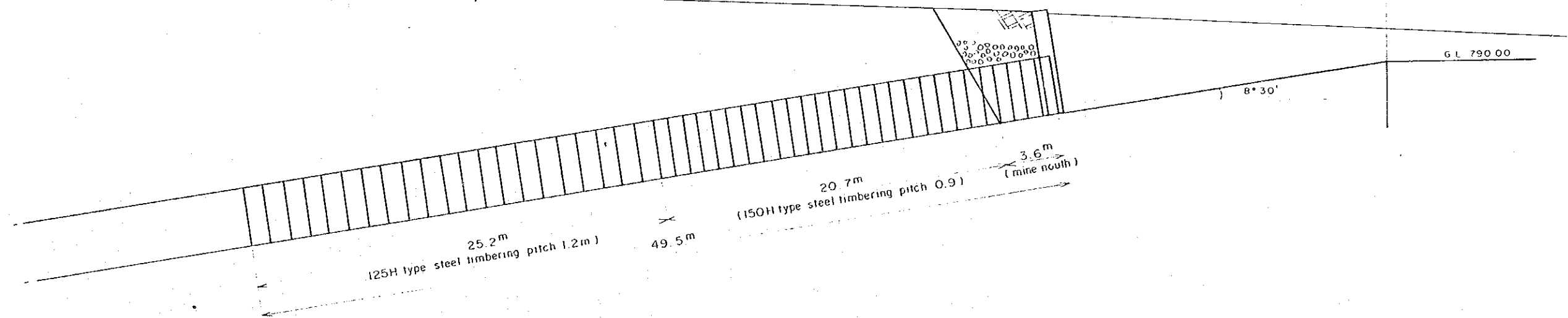
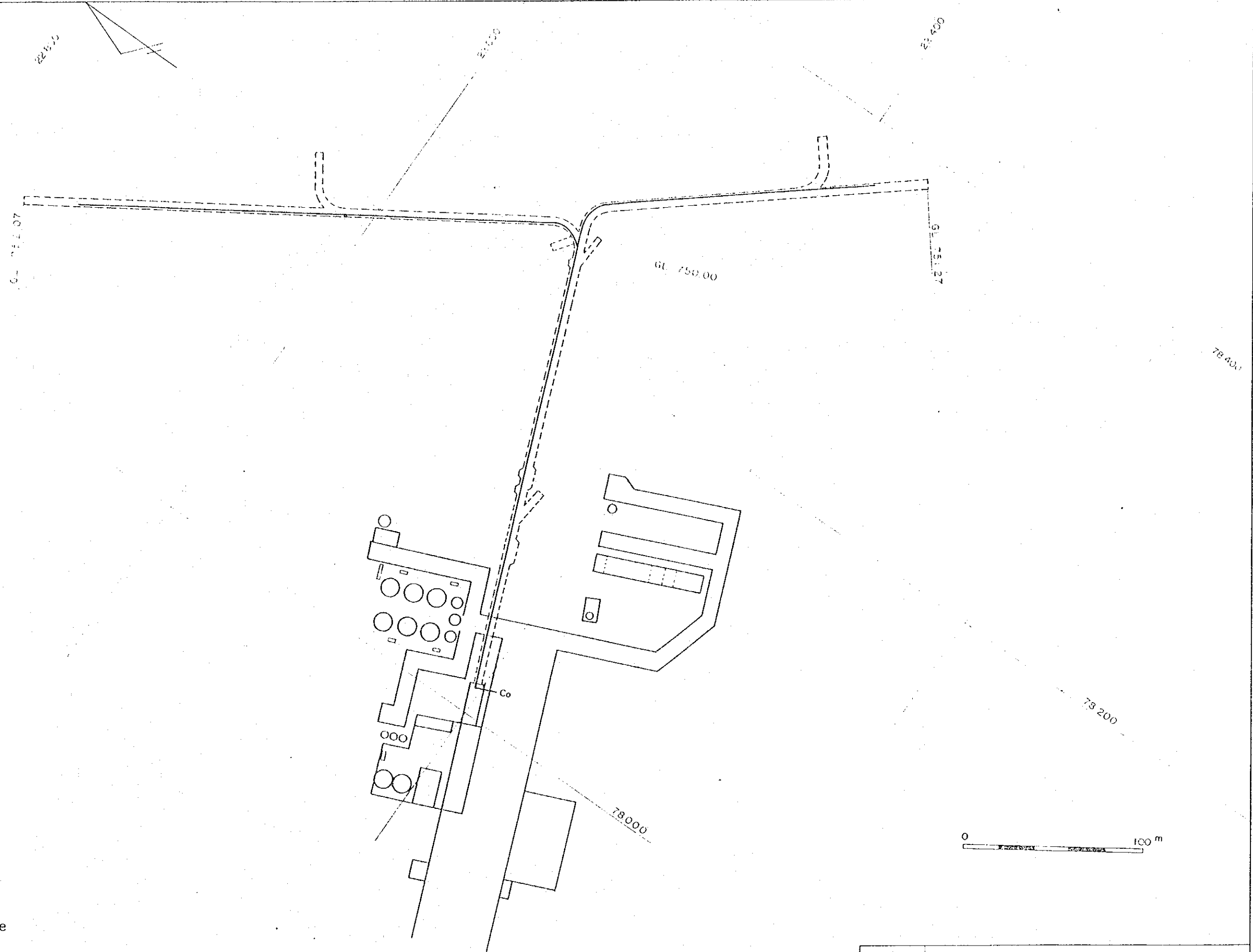


Fig. 29	Mine Portal	
Scale	1/200	Date 1992.
Drawing No		



凡 例

—— 4' air Pipe  
Co Compressor

Fig. 30

Compressed Air Piping Plan

Scale

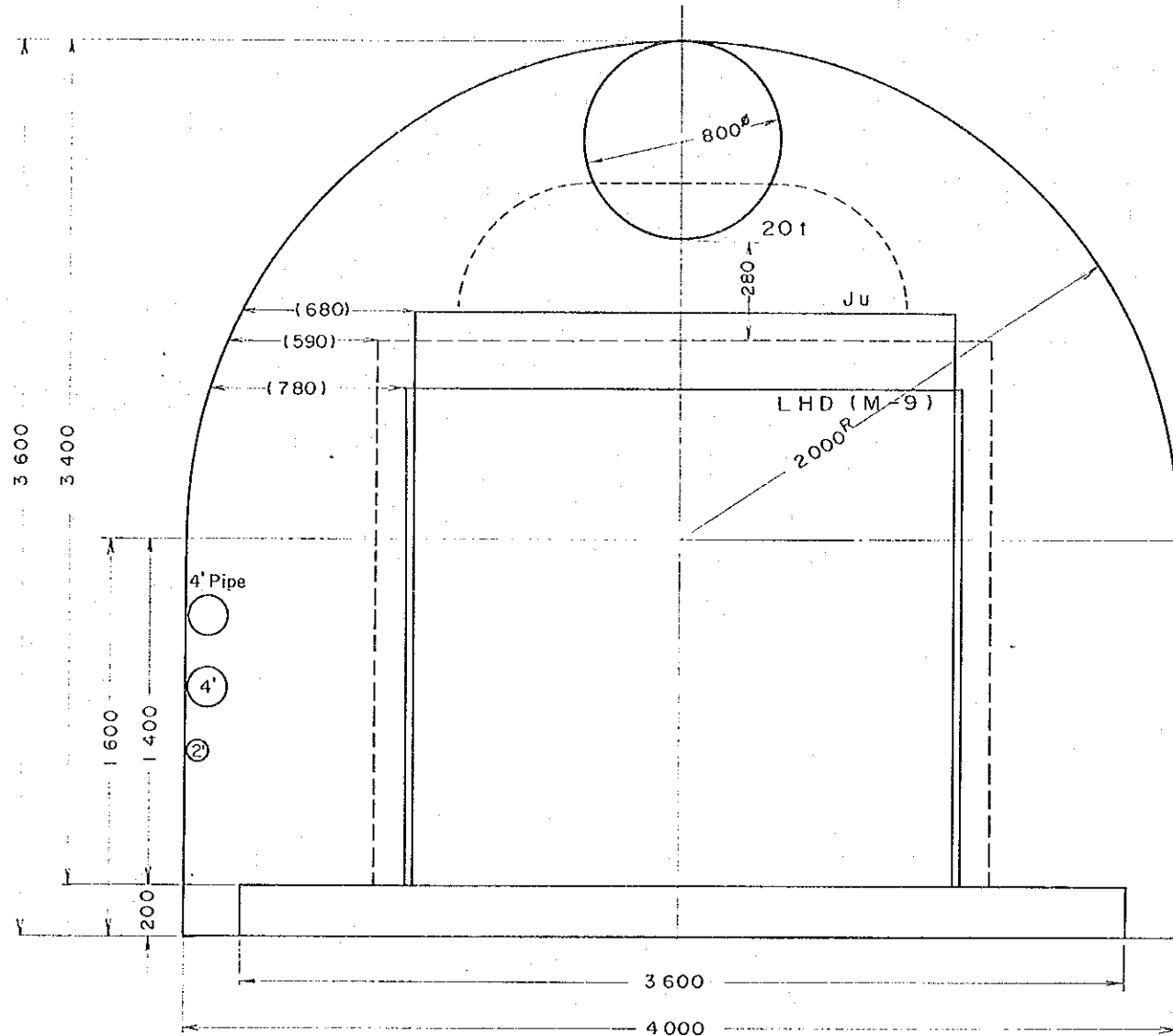
1:500

Date

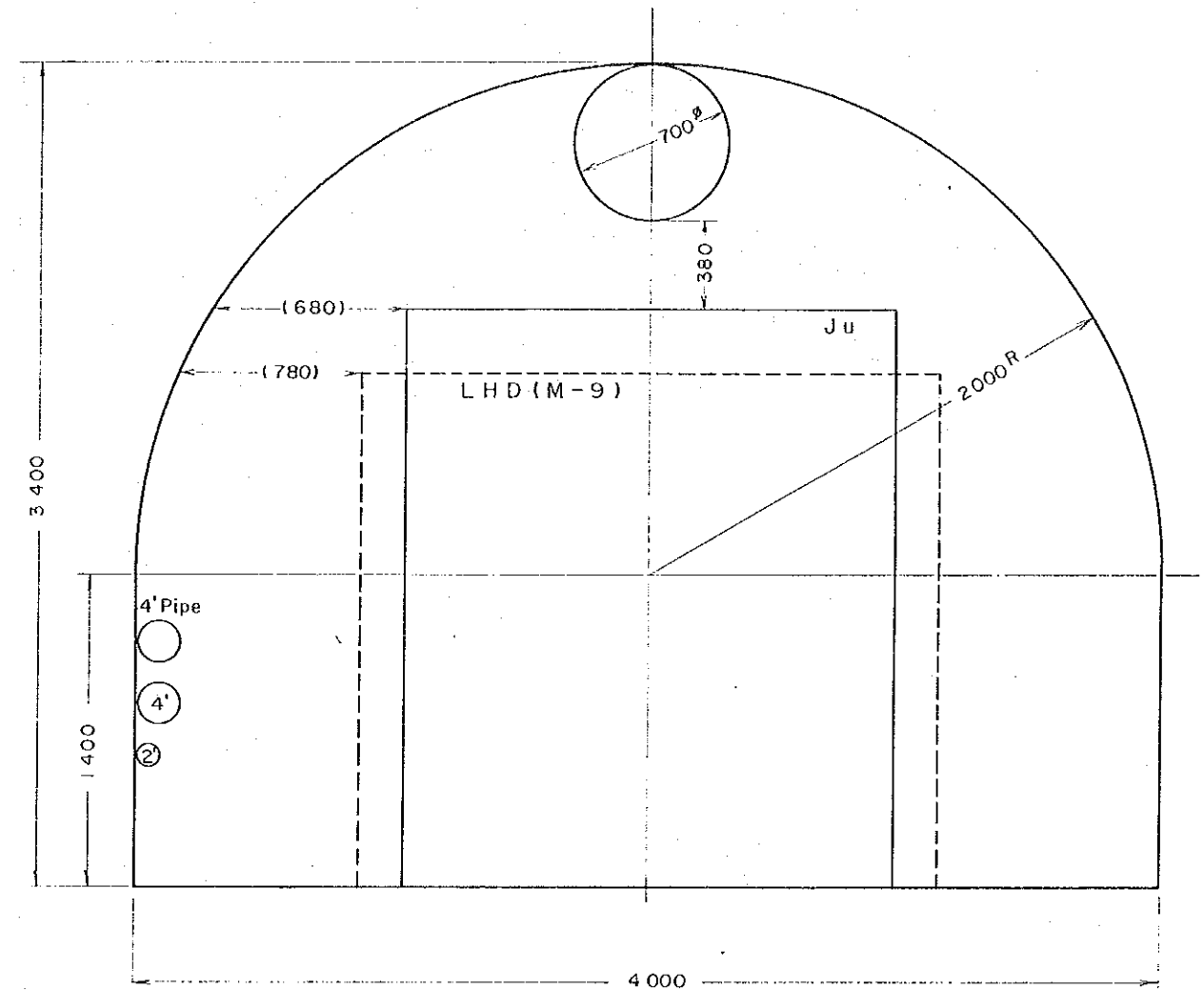
1992

Drawing No

# Inclined Shaft & Drift Section

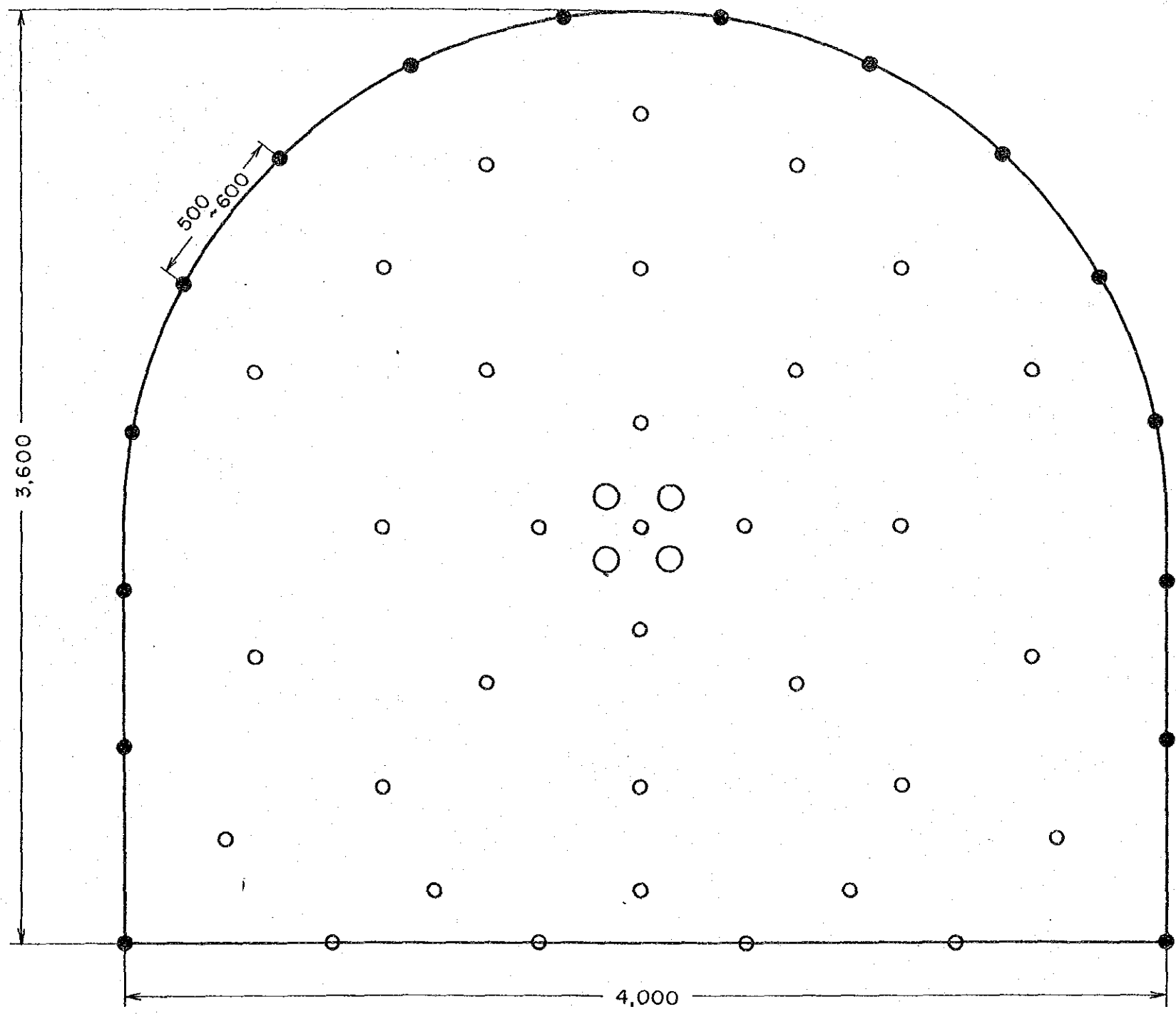


Inclined Shaft Section



Drift Section

Fig. 31	Detailed Plan of Drift (I)		
Scale	1/20	Date	1992.
Drawing - No.			



Burnt hole      4      ○  
 Charging hole   33      ◦  
 Smooth Blasting 16      ●  
                          hole

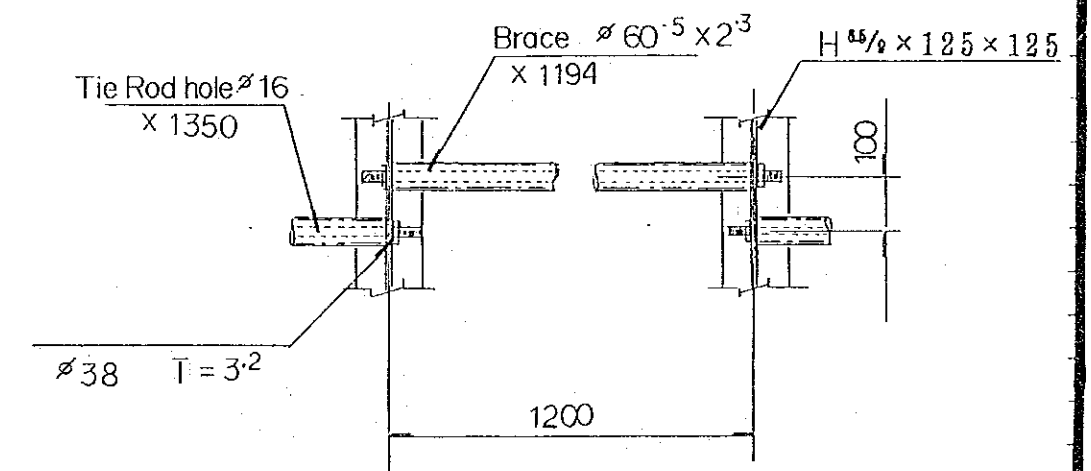
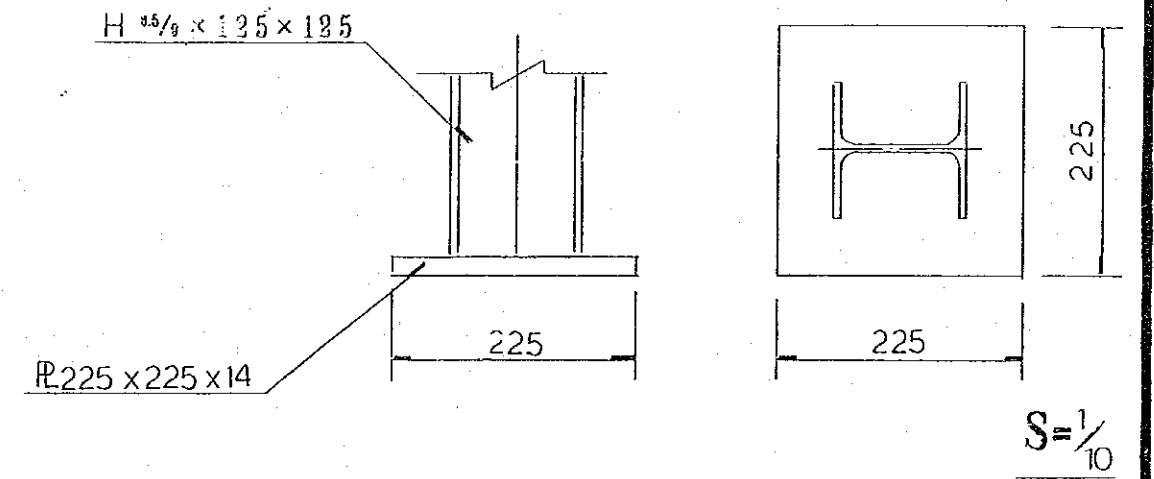
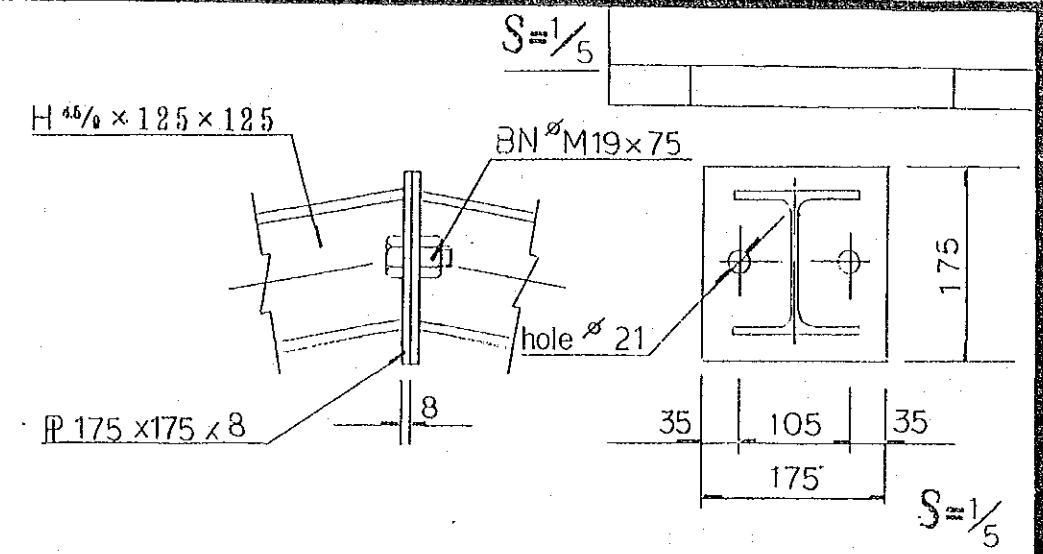
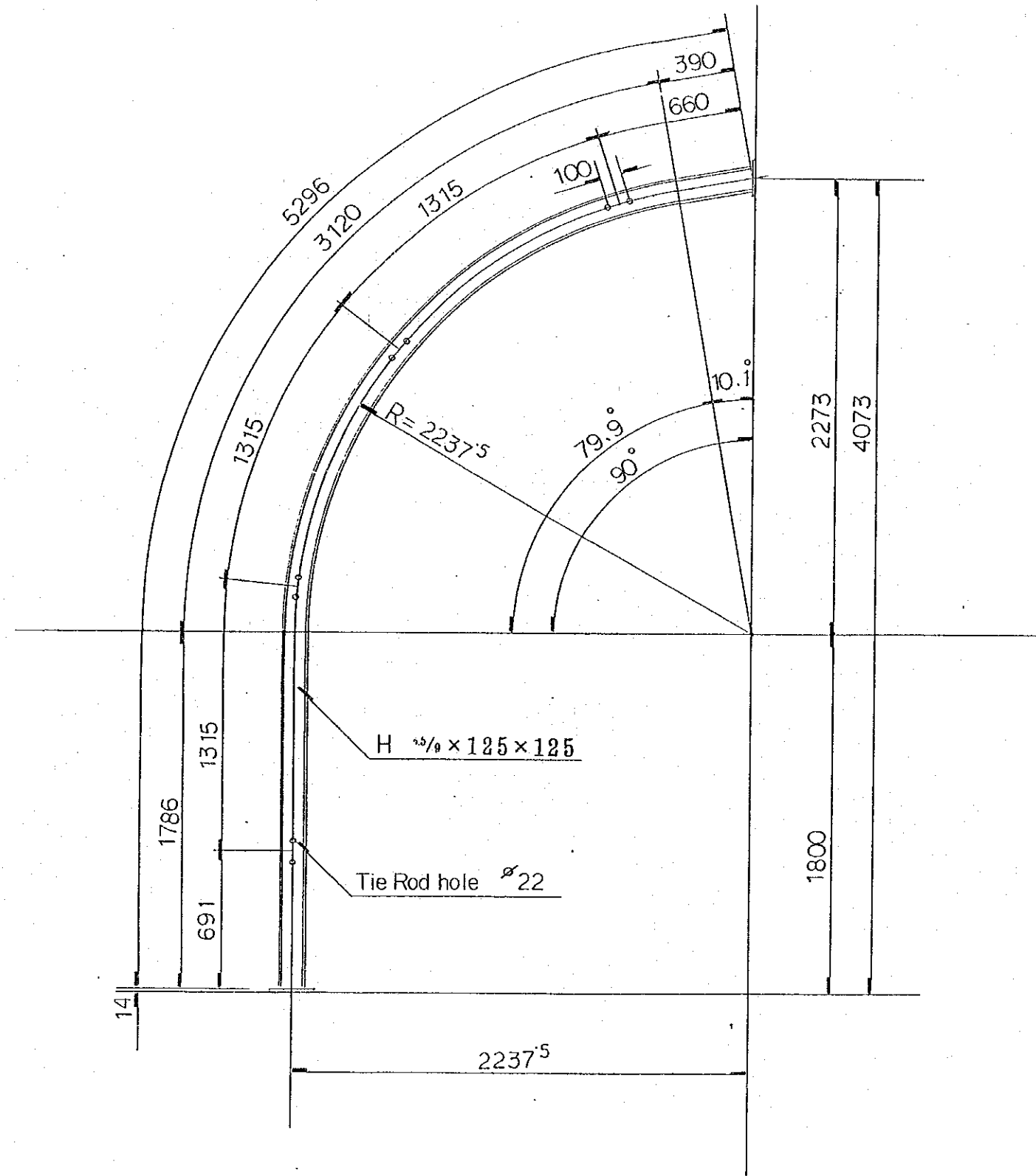
Fig.32	Drilling Hole Arrangement		
Scale	1/20	Date	1992.
Drawing-No			





Fig. 33-2 I25H Steel Timberings  $S=1/20$

Inclined Shaft: type III



	0162	2
NO		



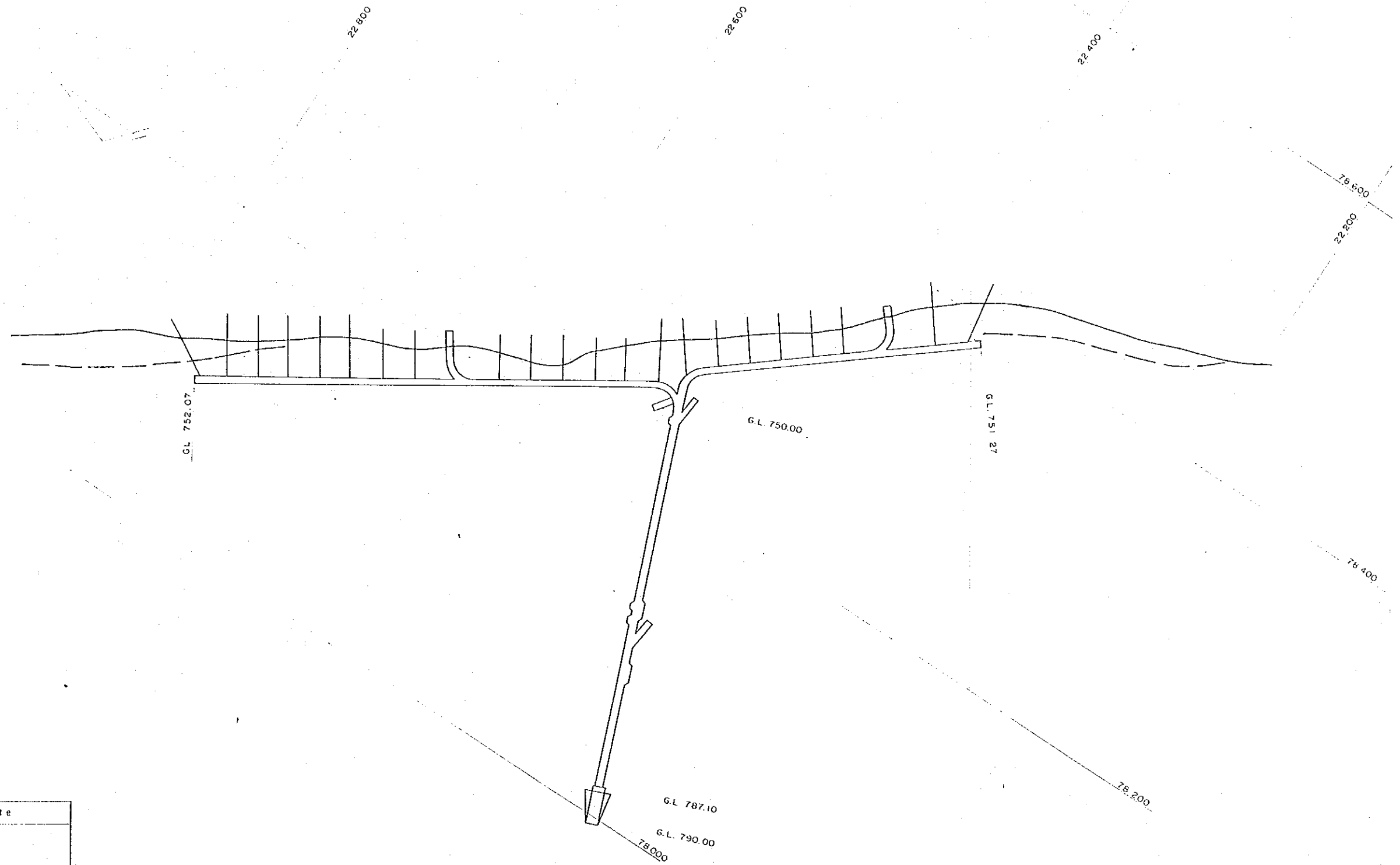




凡 例

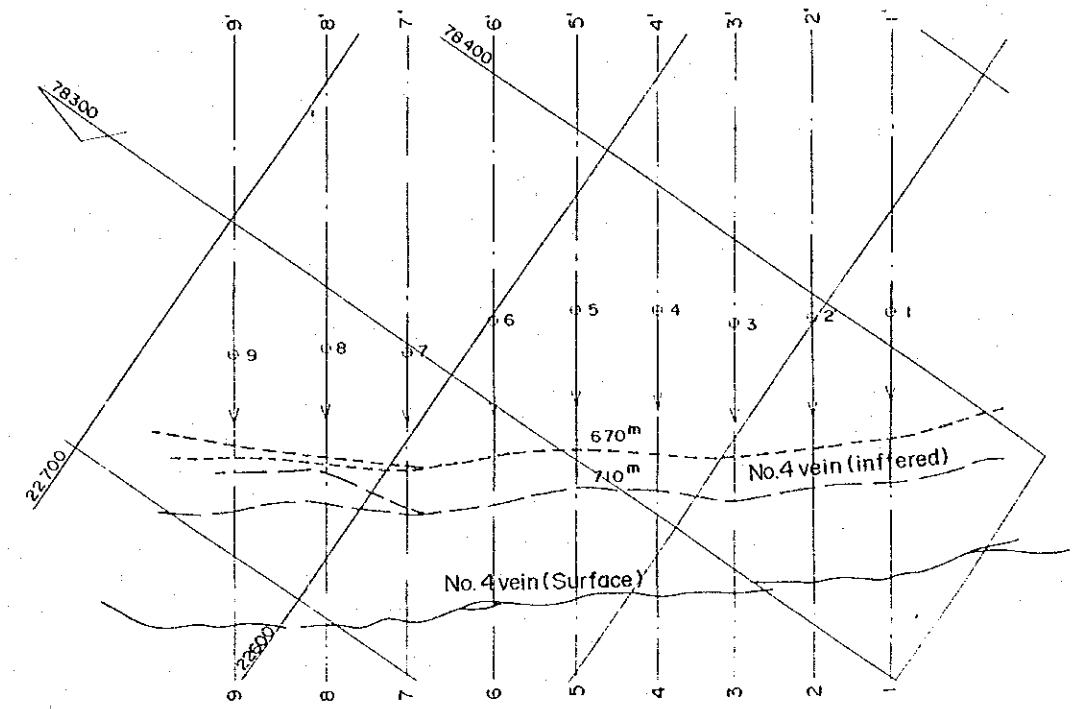
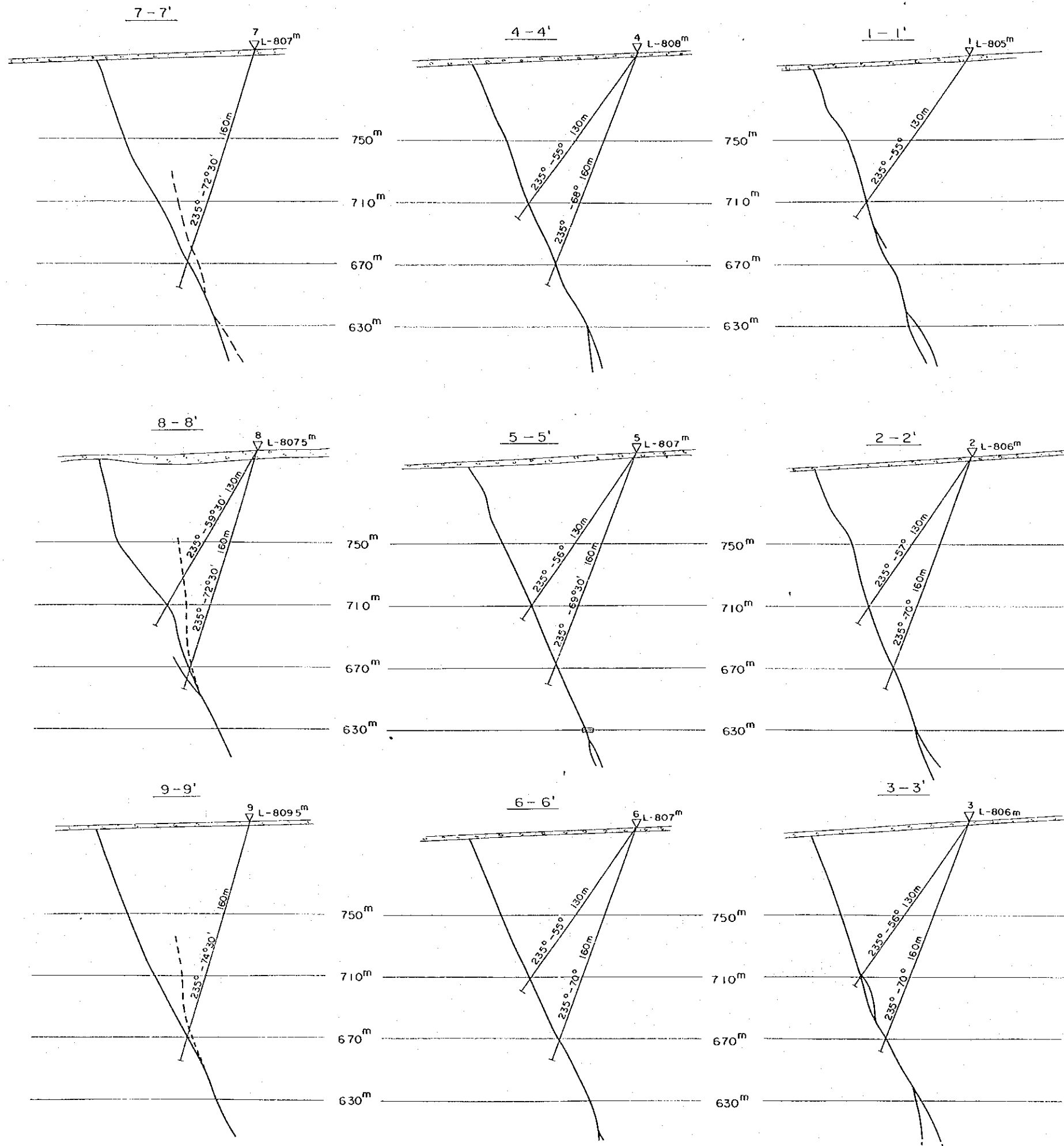
- 700<sup>m</sup>∅ Ventilation tube
- 800<sup>m</sup>∅ Ventilation tube
- ⊕ Main Fan
- Ⓣ Local Fan

Fig 34		Ventilation Plan	
Scale	1:500	Date	1992
Drawing No			



Boring	Quantity	Note
Level -100m, -140m	2,190 m (15 pie) 130 <sup>m</sup> x 7 pie	Down
Level -60m	160 x 8 760m (22 pie) 40 <sup>m</sup> x 10 pie 30 x 12	Horizontal

Fig 35-1	Drilling Plan (Underground)		
Scale	1/2000	Date	1992.
Drawing No.			



1 : 2,000  
0 100<sup>m</sup>

Fig.35-2	Drilling Plan (Surface)		
Scale	1/2000	Date	1992.
Drawing - No			





