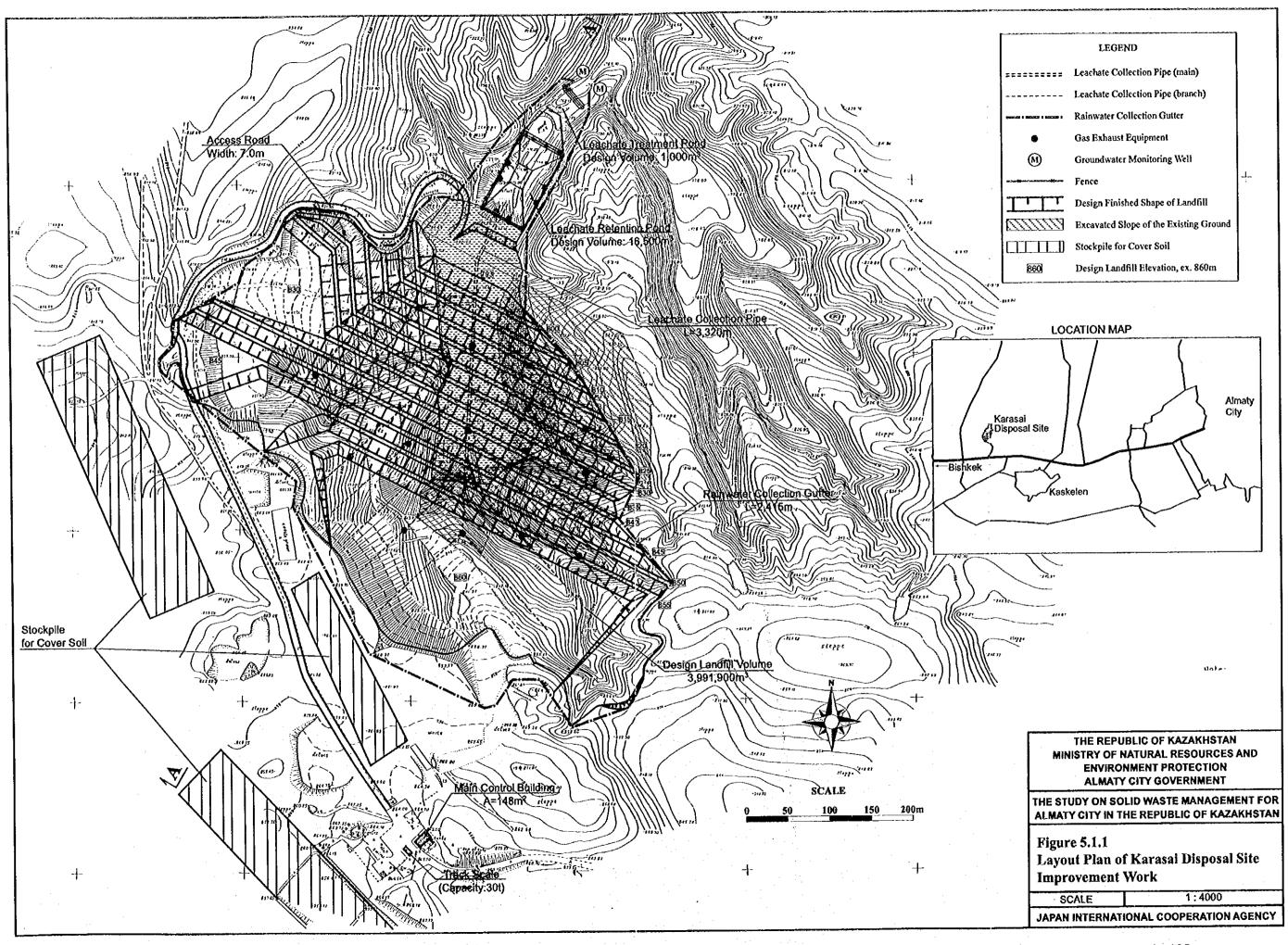
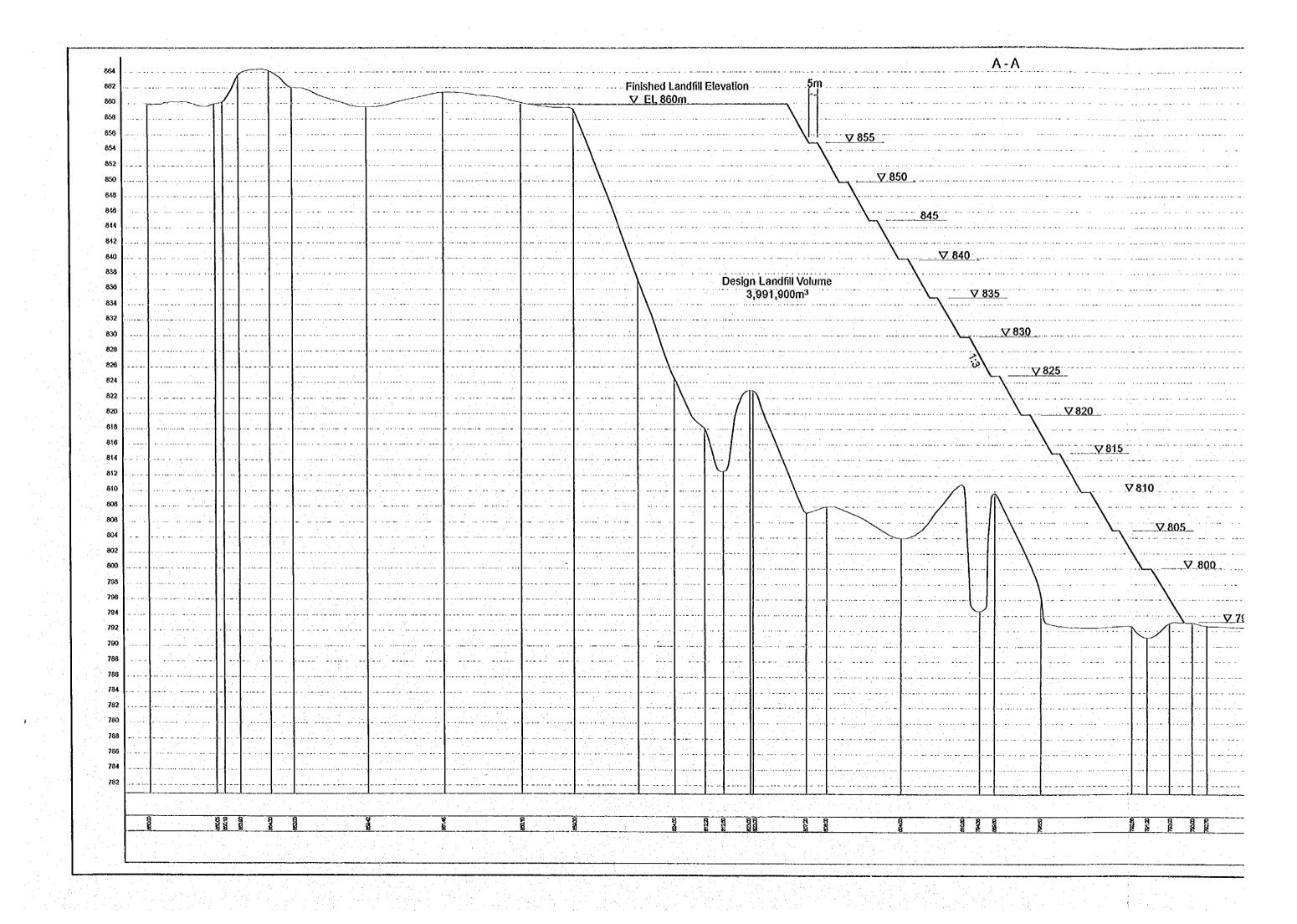
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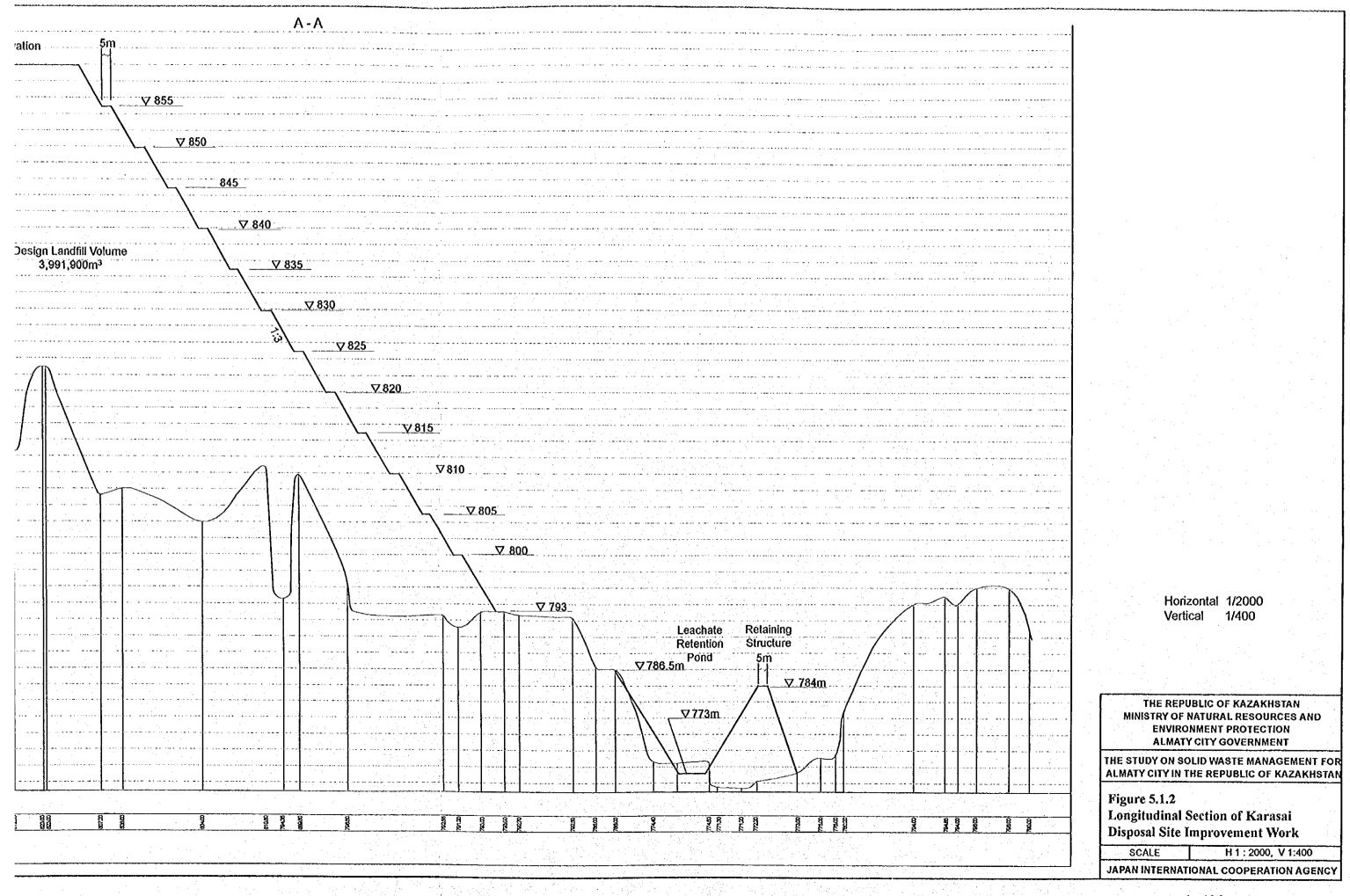
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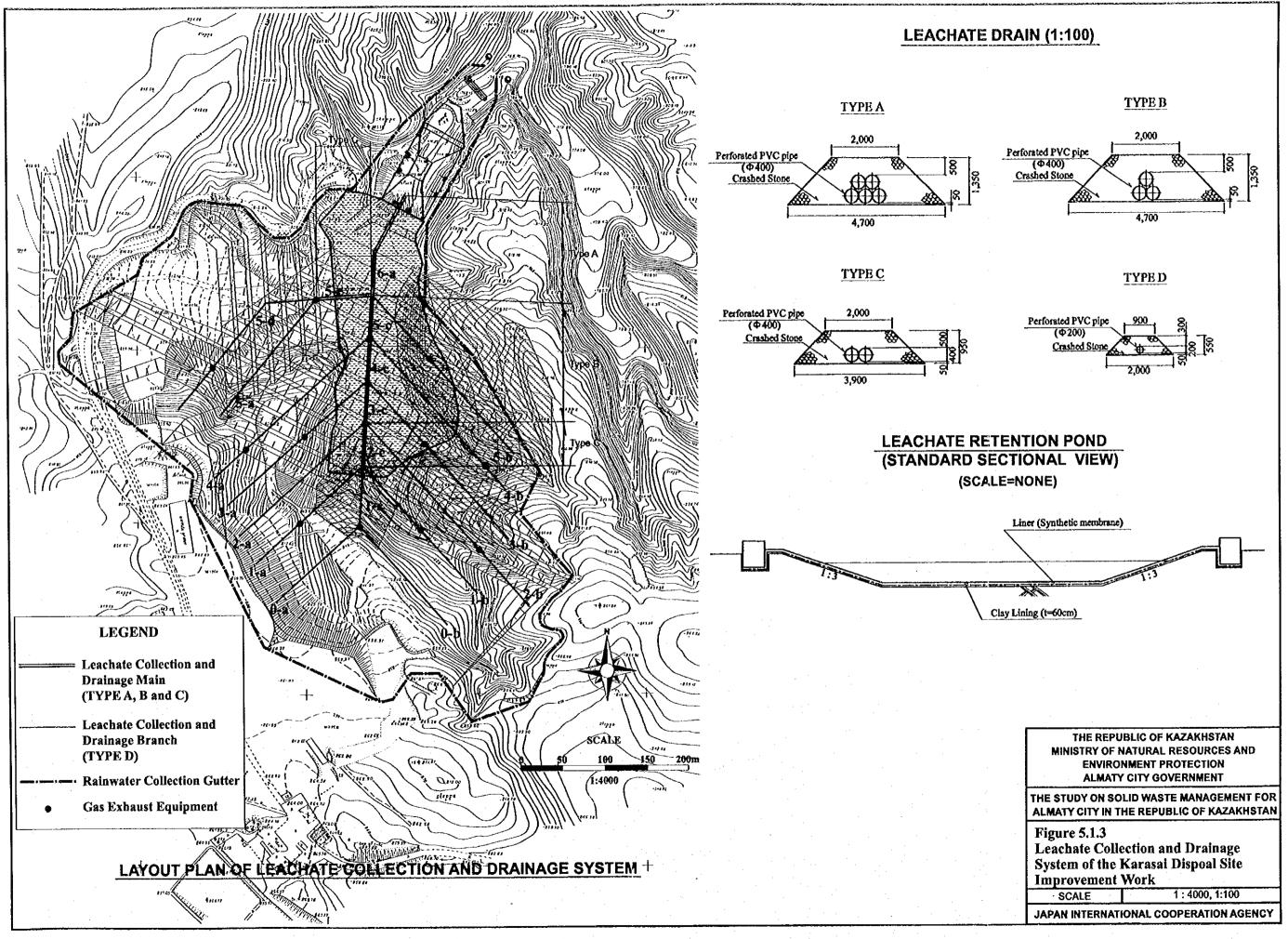
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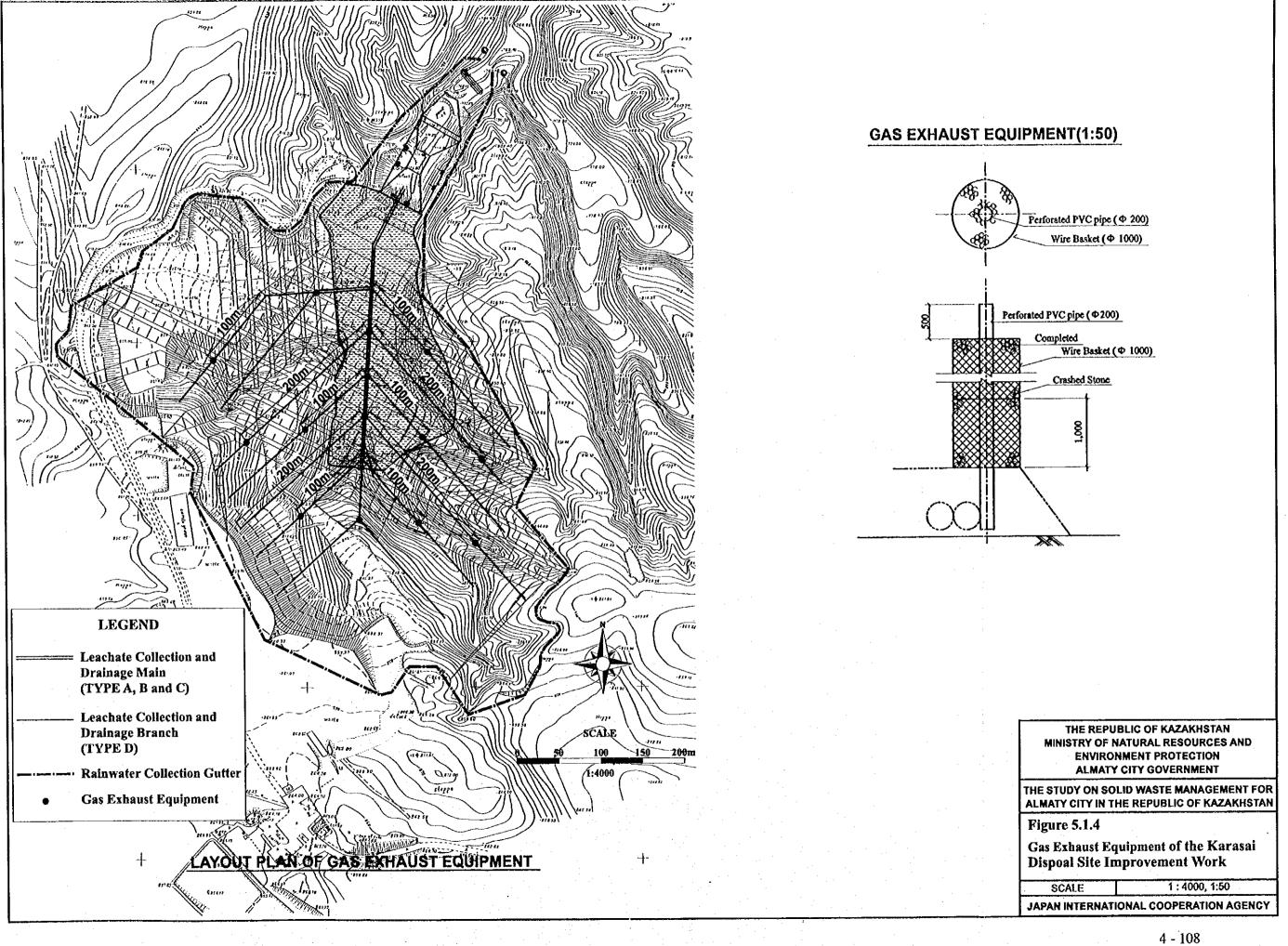
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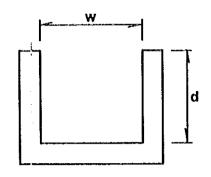






LEGEND Leachate Collection and Drainage Main (TYPE A, B and C) Leachate Collection and Drainage Branch (TYPE D) **Rainwater Collection Gutter** Gas Exhaust Equipment SCALE. 100 Drainage Area **Direction of Water Flow** AYOUT PLAN OF RAINWATER COLLECTION GUTTER

CROSS SECTION OF GUTTER



Channel Section	Channel Length (m)	Channel Slope	Drainage Area (ha)	w (mm)	d (mm)
A-1	195	0.010	1.280	300	300
A-2	383	0.024	2.715	400	400
A-3	620	0.084	2.676	350	350
A-4	246	0.093	1.720	400	400
B-1	236	0.064	0.324	300	300
B-2	423	0.092	2.760	300	300
B-3	312	0.100	6.014	400	400

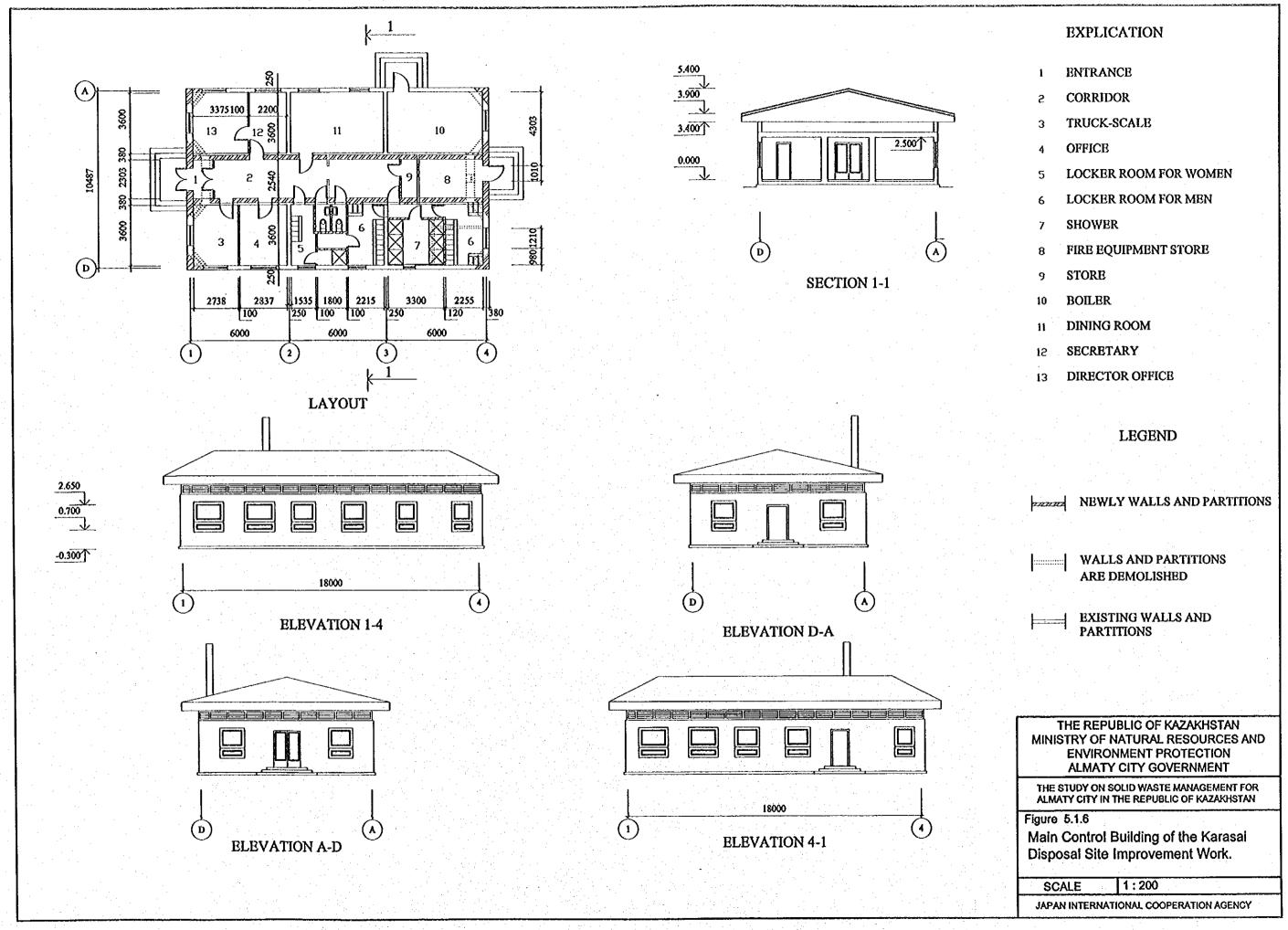
THE REPUBLIC OF KAZAKHSTAN MINISTRY OF NATURAL RESOURCES AND **ENVIRONMENT PROTECTION ALMATY CITY GOVERNMENT**

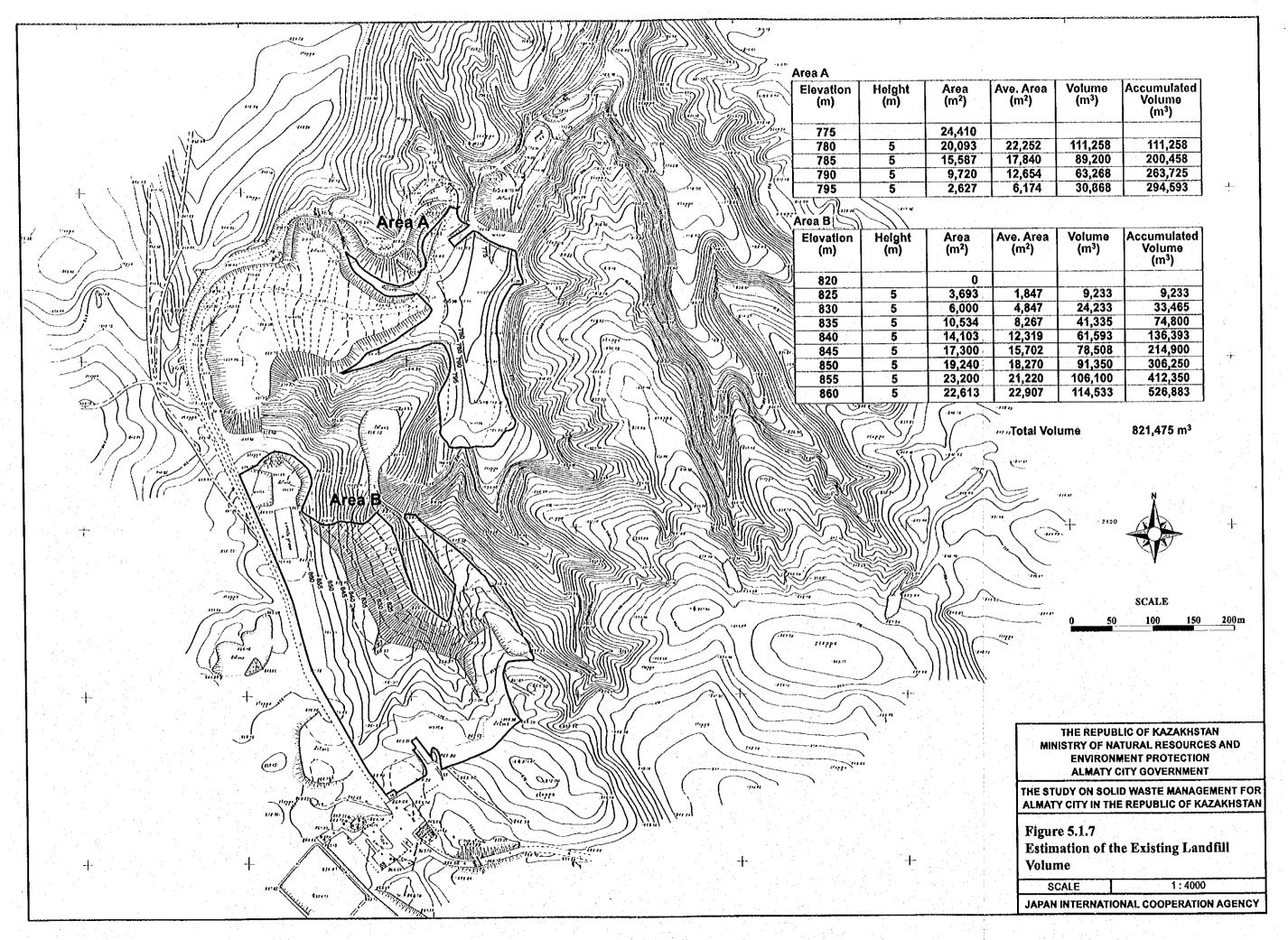
THE STUDY ON SOLID WASTE MANAGEMENT FOR ALMATY CITY IN THE REPUBLIC OF KAZAKHSTAN

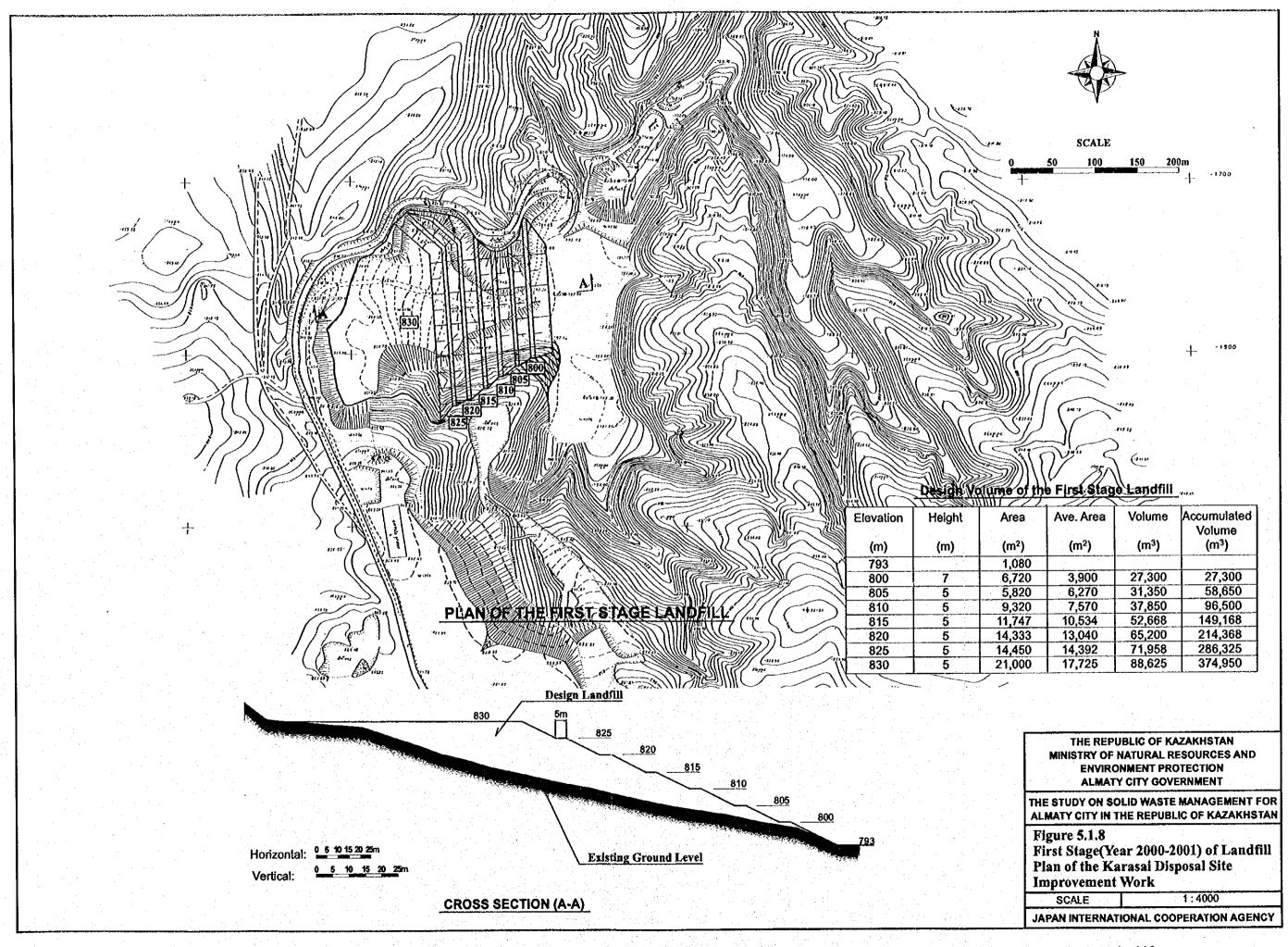
Figure 5.1.5

Layout Plan of Rainwater Collection Gutter of the Karasai Dispoal Site Improvement Work

1:4000 SCALE JAPAN INTERNATIONAL COOPERATION AGENCY



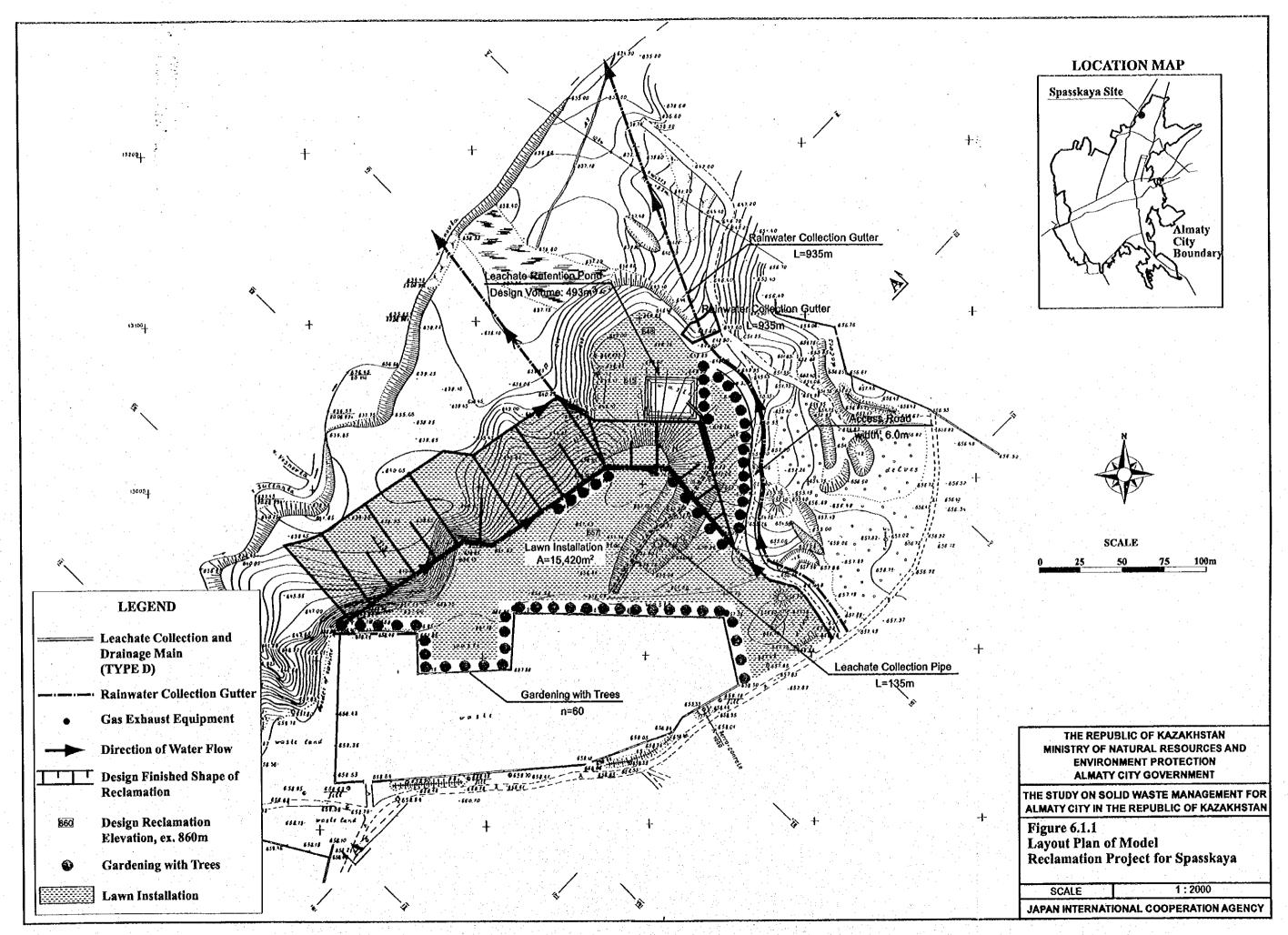




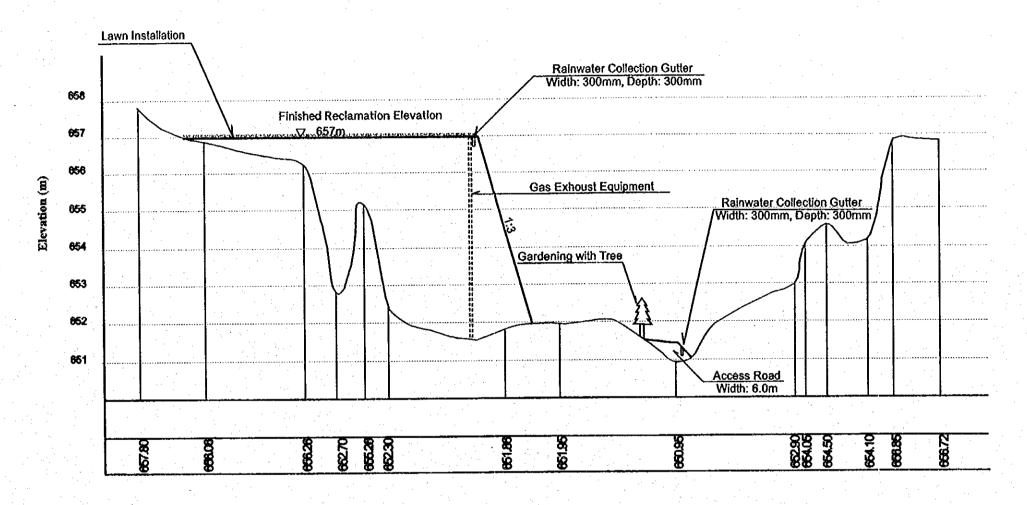
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Horizontal 1/1000 Vertical 1/100

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Figure 6.1.2
Typical Cross Section of Model
Reclamation Project for Spasskaya

SCALE

H1:1000, V1:100

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