

APPENDIX – 16

Environmental Implications of the Changes in Gazettal Plans

Appendix 16 – Environmental Implications of the Changes in Gazettal Plans

1. Introduction

The main EIA Report was produced on a basis of the layout plans published in March/April 2004 under Section 7 of the Railways Ordinance (Chapter 519). Since then, there have been some amendments to these plans in response to comments and feedbacks from various government departments and the public. Comparison of the gazettal plans of March/April 2004 and the latest plans of January 2005 reveals the following key amendments:

- Construction Access Road within WKCD;
- Office / General Storage Yard to the South of Man King Building;
- Temporary stockpile and storage area to the South of Charming Garden;
- Forecourt of Olympic City;
- Works Area to the South of Nam Cheong Park;
- Storage / Office area in Shek Mun; and
- Northern passageway of the WKN

This appendix aims to present the environmental implications of these amendments.

2 WKCD Site

Figure A16-1 illustrates the additional of the temporary access along the seafront of WKCD connecting to the barging facilities within the WKCD site. It allows the construction vehicles to travel between the WKN and the barging facilities without using any public roads. This would definitely benefit the neighbouring sensitive receivers including the residential developments on top of Kowloon Station.

As discussed in **S5.3.2** of the main EIA Report, vehicles leaving the barging facilities will be washed before leaving. The dust generated by the vehicles would therefore be minimal.

For construction noise, calculations indicate that the overall noise impacts at N15 (The Harbour Side) would still be less than the 75dB(A) noise criterion, as summarized below:

NSR	Noise Level, dB(A)			
	EIA	New Access Road	Total	Exceedance over 75dB(A)
N15 – The Harbour Side	59	55 ^[1]	60	0

[1] – For road calculation, $L_{Aeq} = L_{WA} - 33 + 10 \log Q - 10 \log V - 10 \log d + 3$

where $L_{WA} = 104\text{dB(A)}$
 $Q = 43 \text{ veh} / 30 \text{ minutes}$
 $V = 15 \text{ kph}$
 $D = 250\text{m}$

In addition, the scheme boundary near the round about has also been slightly modified but this would not have significant environmental implications.

3 West Kowloon Site - South of Man King Building

Figure A16-2 illustrates that the original construction areas A11 (for offices and general storage yards etc) has been deleted. Since there are minimal noise and dust impacts by this area, its deletion will not have significant environmental implications as compared to the assessment results in the main EIA Report.

4 West Kowloon Site - South of Charming Garden

Figure A16-3 illustrates that the original construction area A20 (for temporary stockpiles) has been modified. The original area A12 (storage /office) has also been reduced. Assessment in the main EIA Report indicates that the predicted construction dust impacts (after implementation of dust suppression measures including watering) on the nearest receivers (eg the Yau Ma Tei Catholic Primary School) will be far within the HKAQO. Reducing the size of the stockpiles will only reduce the associated impacts.

Figure A16-4 illustrates that the scheme boundary to the west of the Charming Garden has also been slightly modified and would not have significant impacts.

5 Olympic City

Figure A16-5 illustrates that the original gazettal boundary in the forecourt of Olympic City has been reduced. This will obviously minimize any nuisance on the pedestrians and residents.

6 South of Nam Cheong Park

Figure A16-6 shows a minor amendment to the south of the Nam Cheong Park. This will not have any significant implications on construction noise and dust.

7 Storage / Office Area in Shek Mun

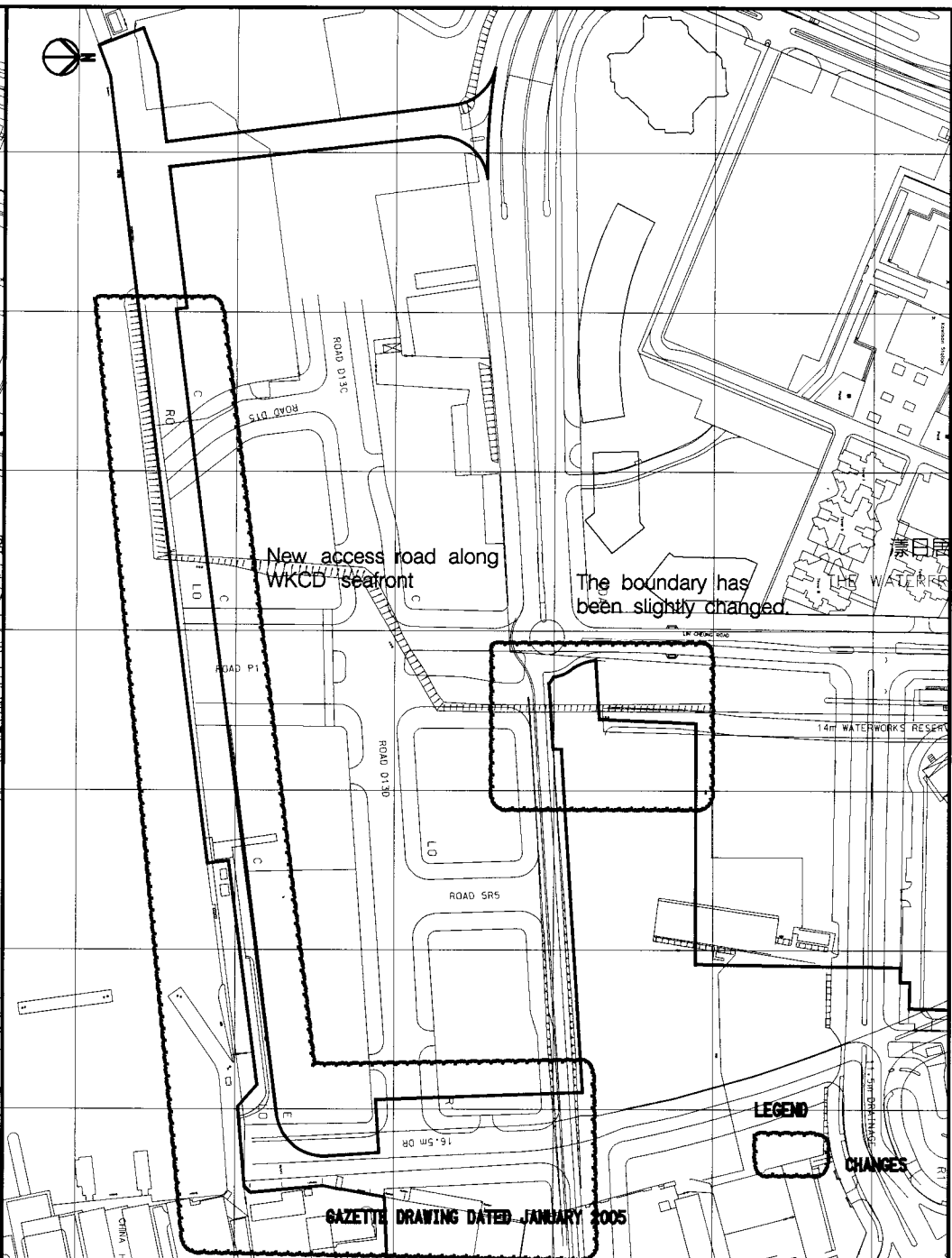
Figure A16-7 shows the changes in the storage / office area in Shek Mun. This will not have any significant implications on construction noise and dust.

8 Passageway and layout of the WKN

Figure A16-8 shows the minor modifications of the passageways and the shape of WKN. This will not have any significant implications on construction noise and dust.

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APPENDIX A6-1

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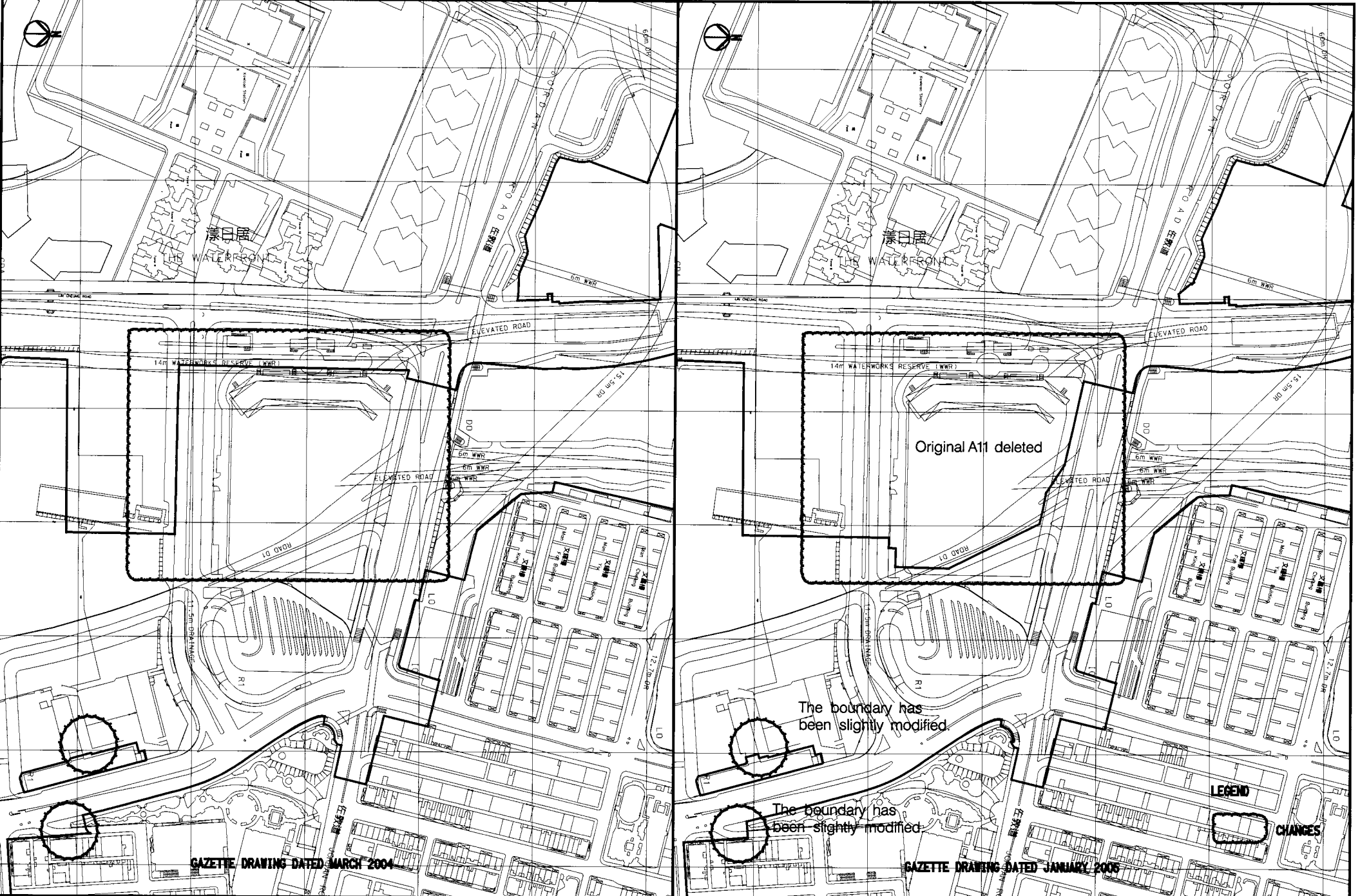
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AMENDMENTS OF GAZETTE DRAWING

-WKCD SITE

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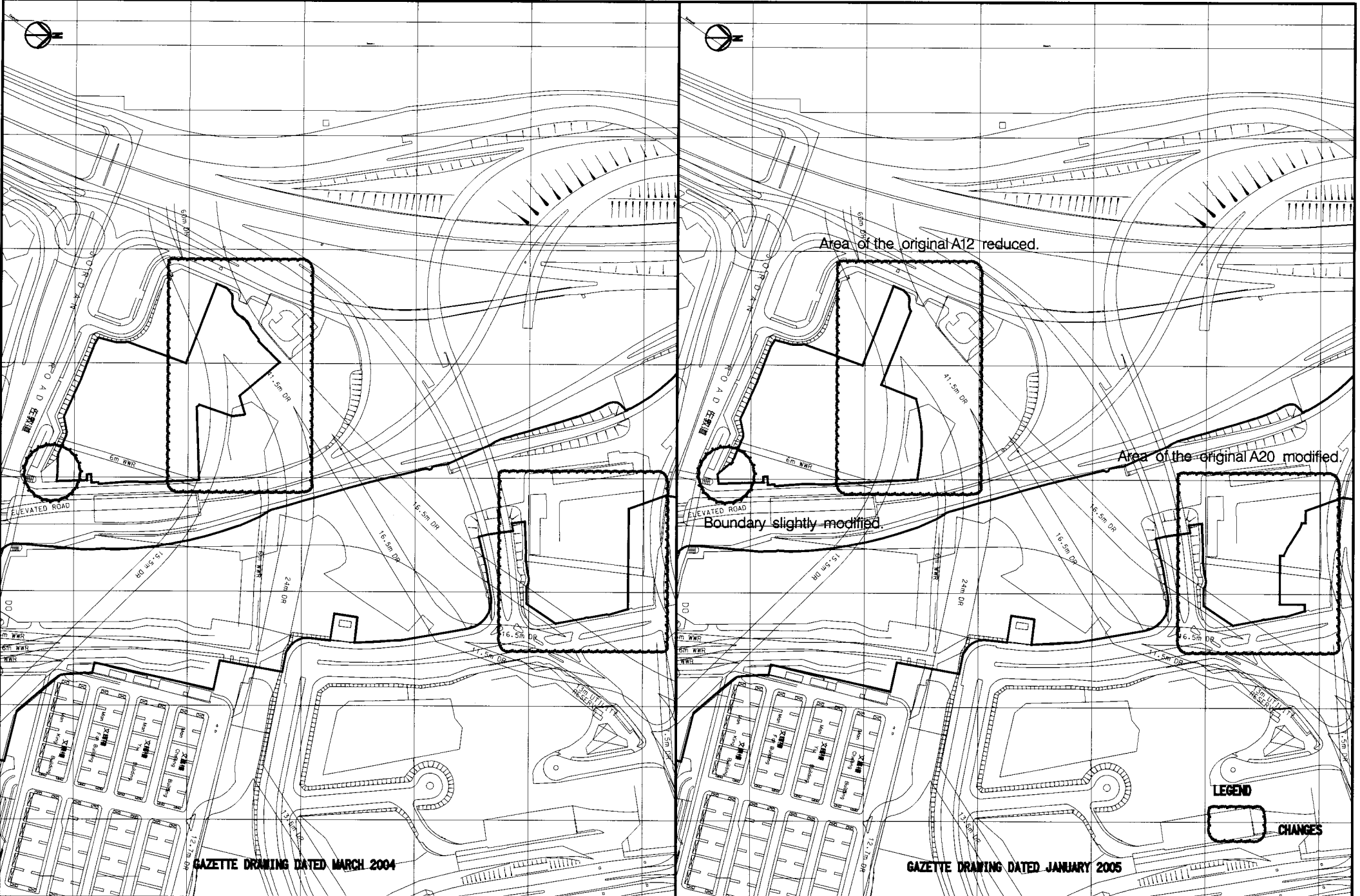
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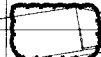
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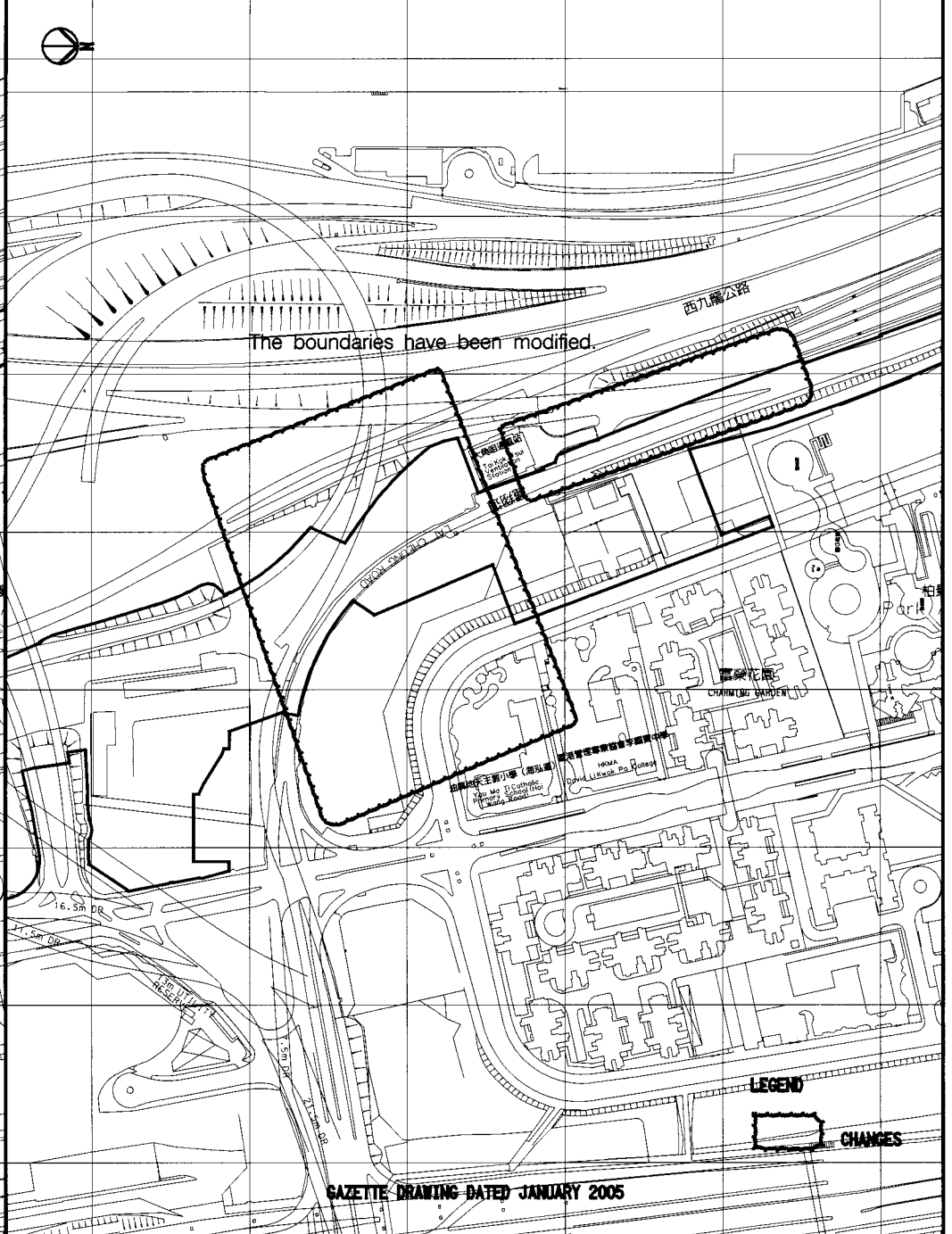
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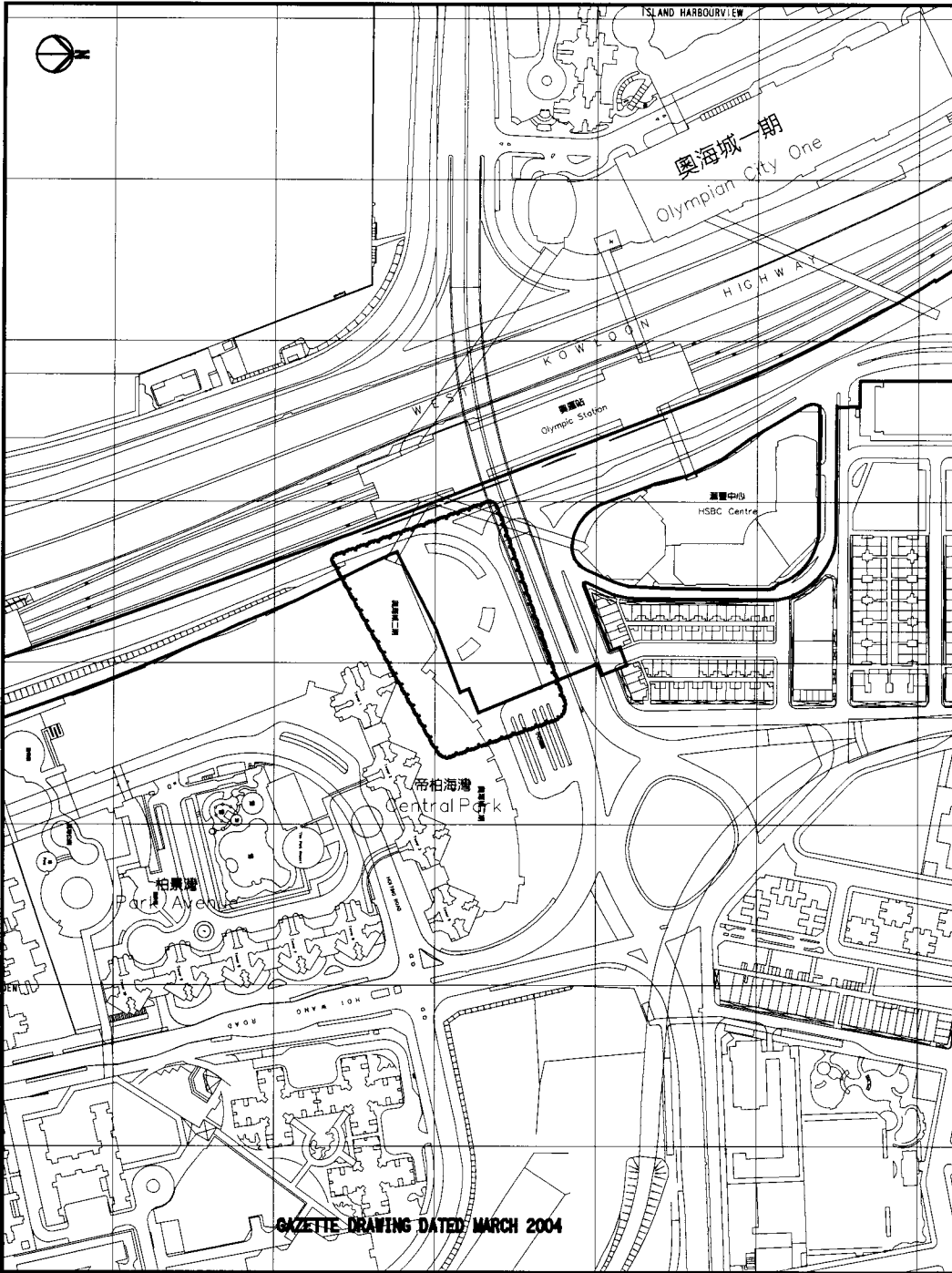
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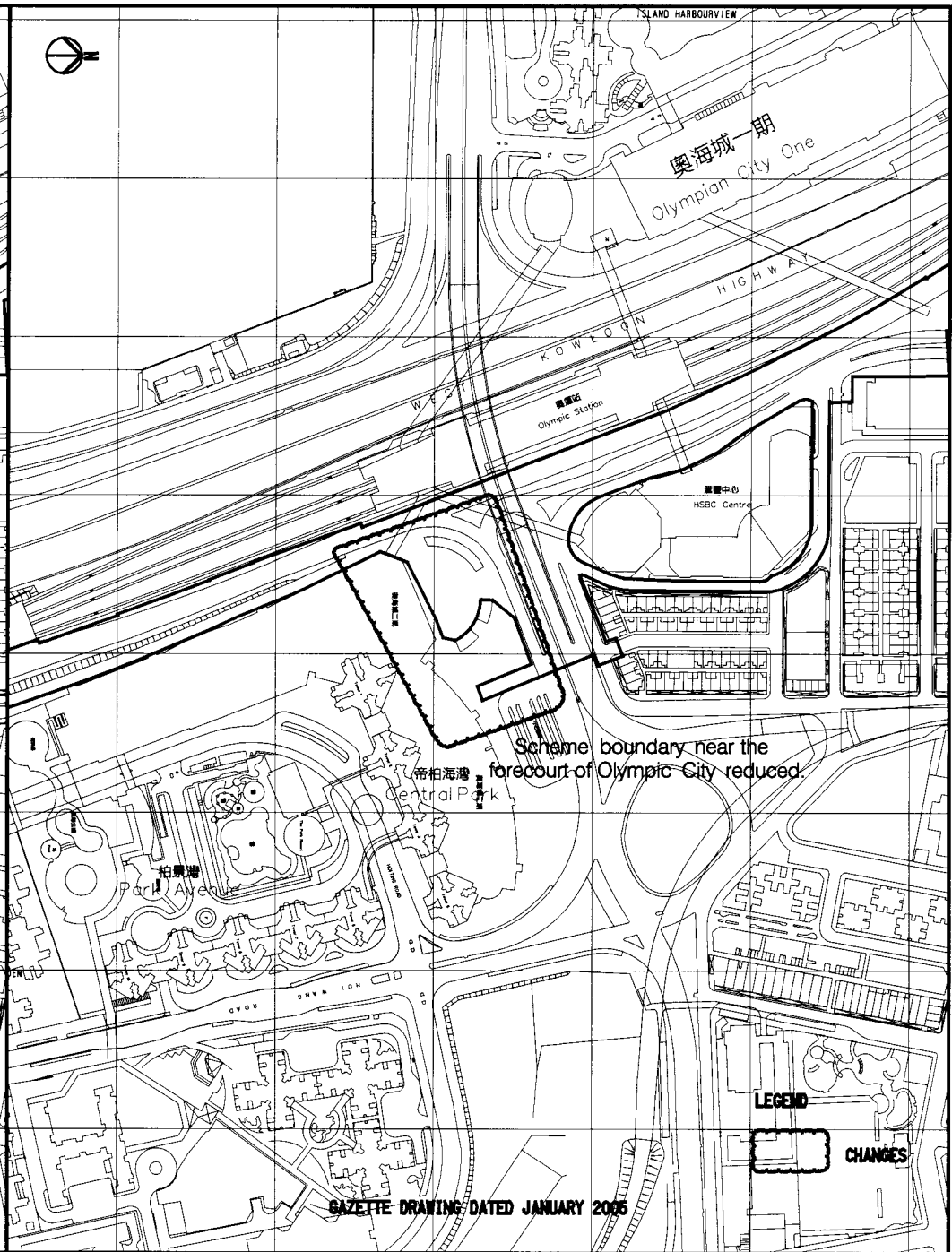
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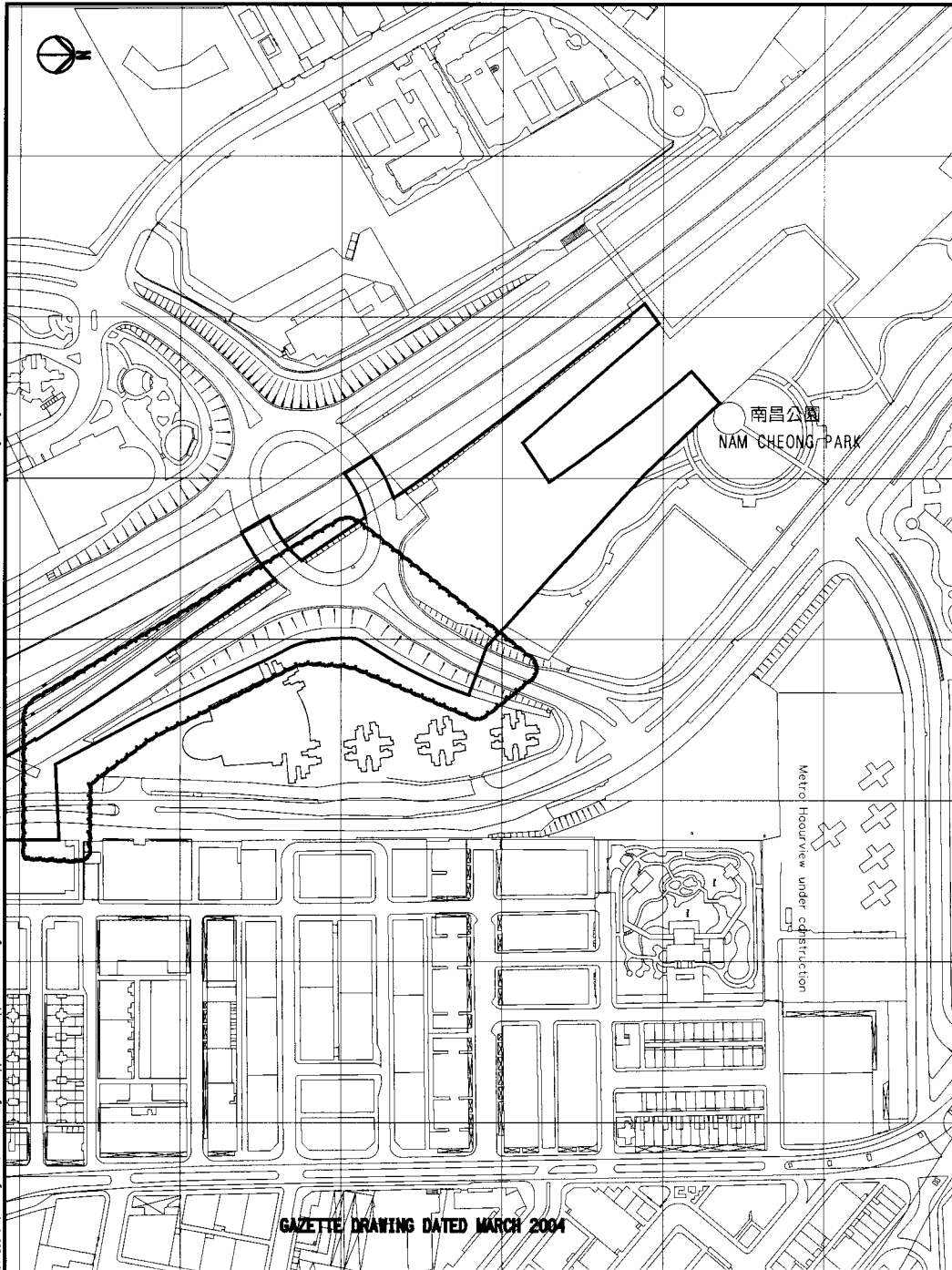
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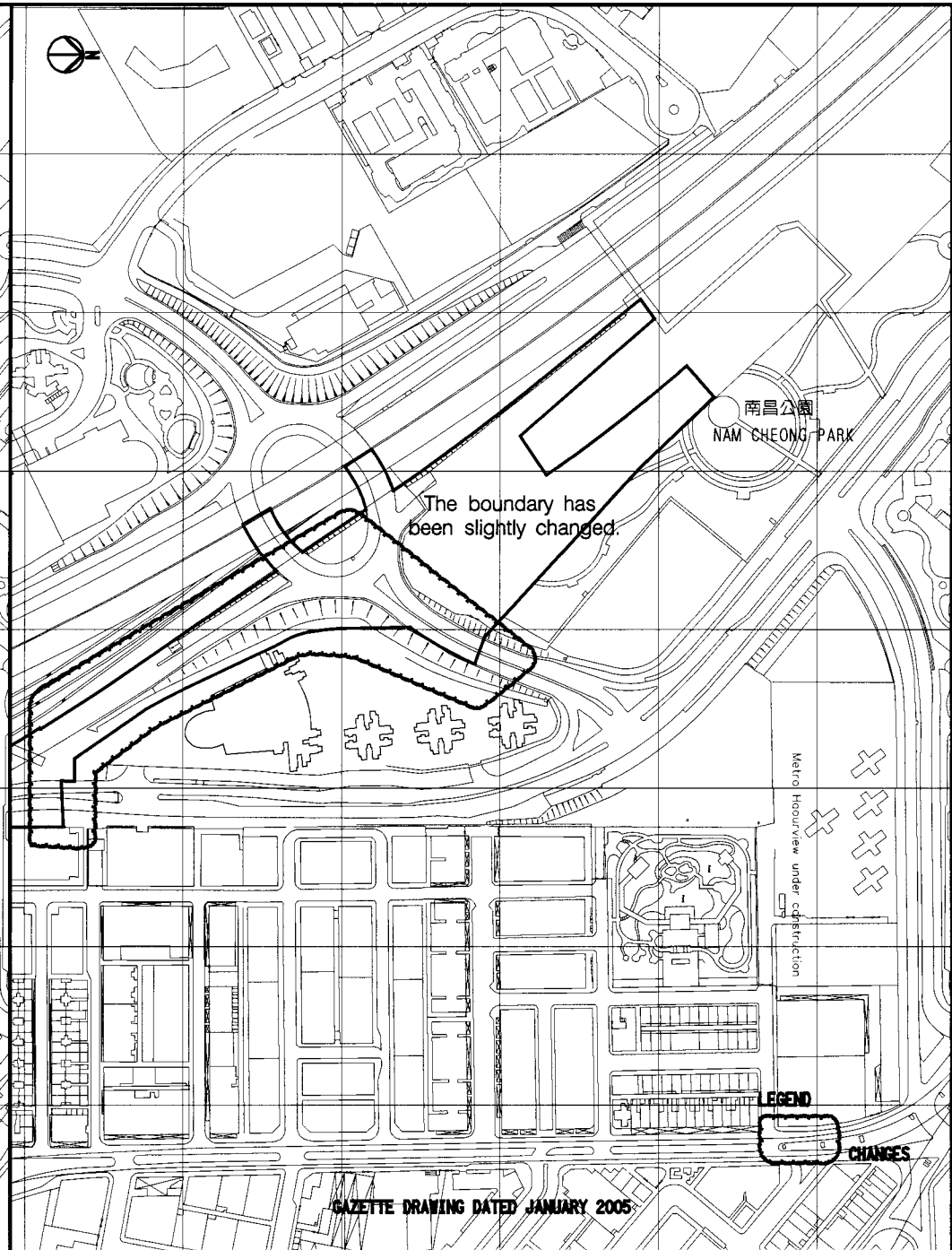
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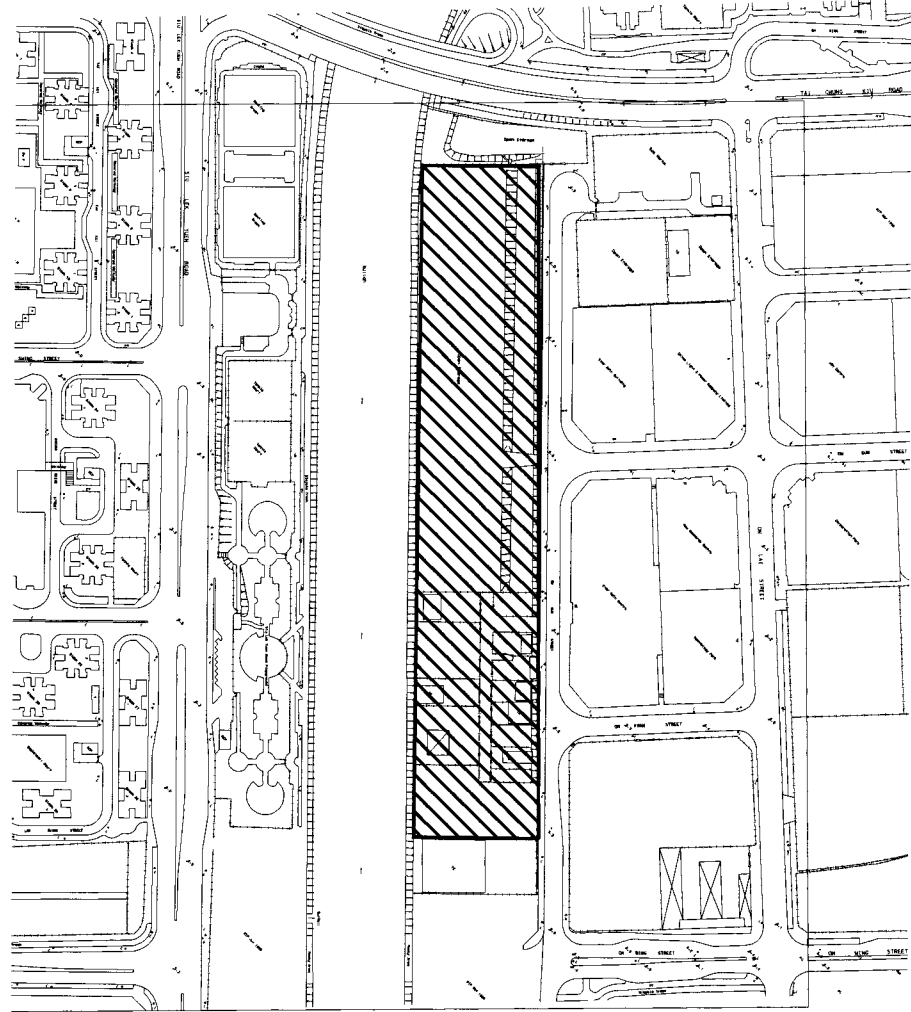
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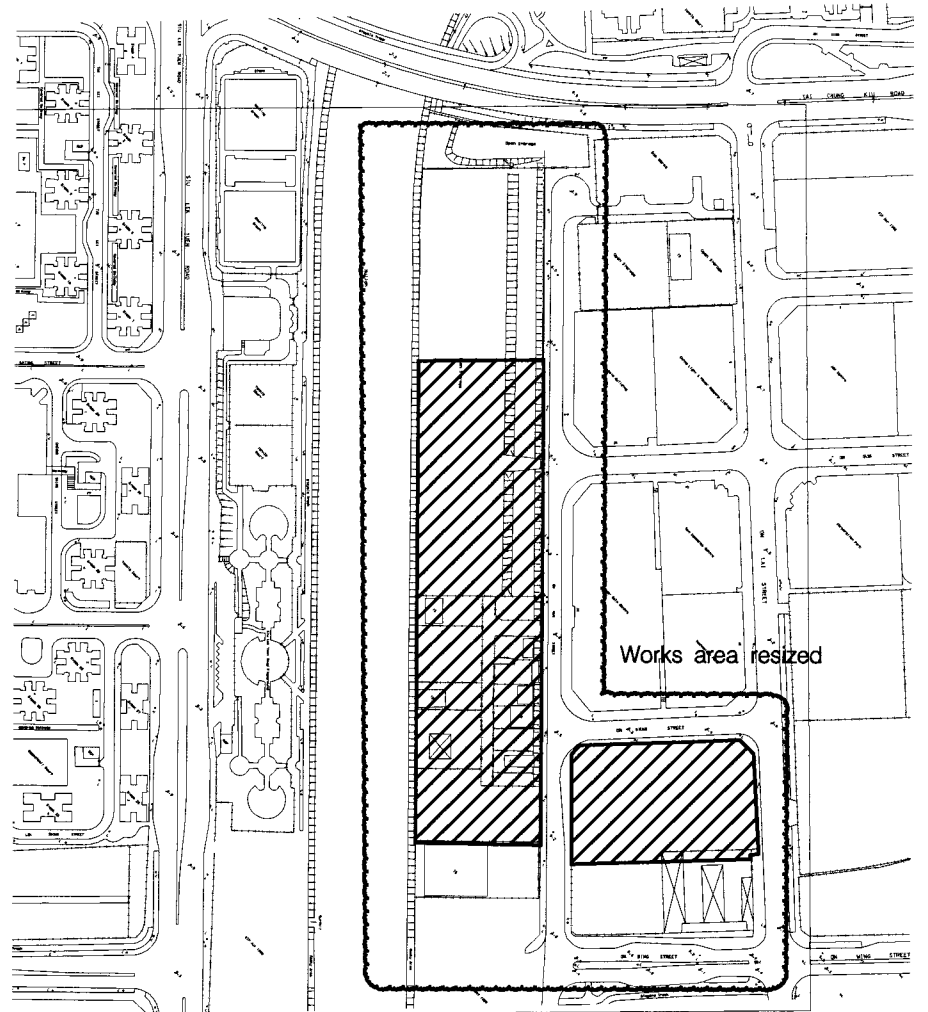
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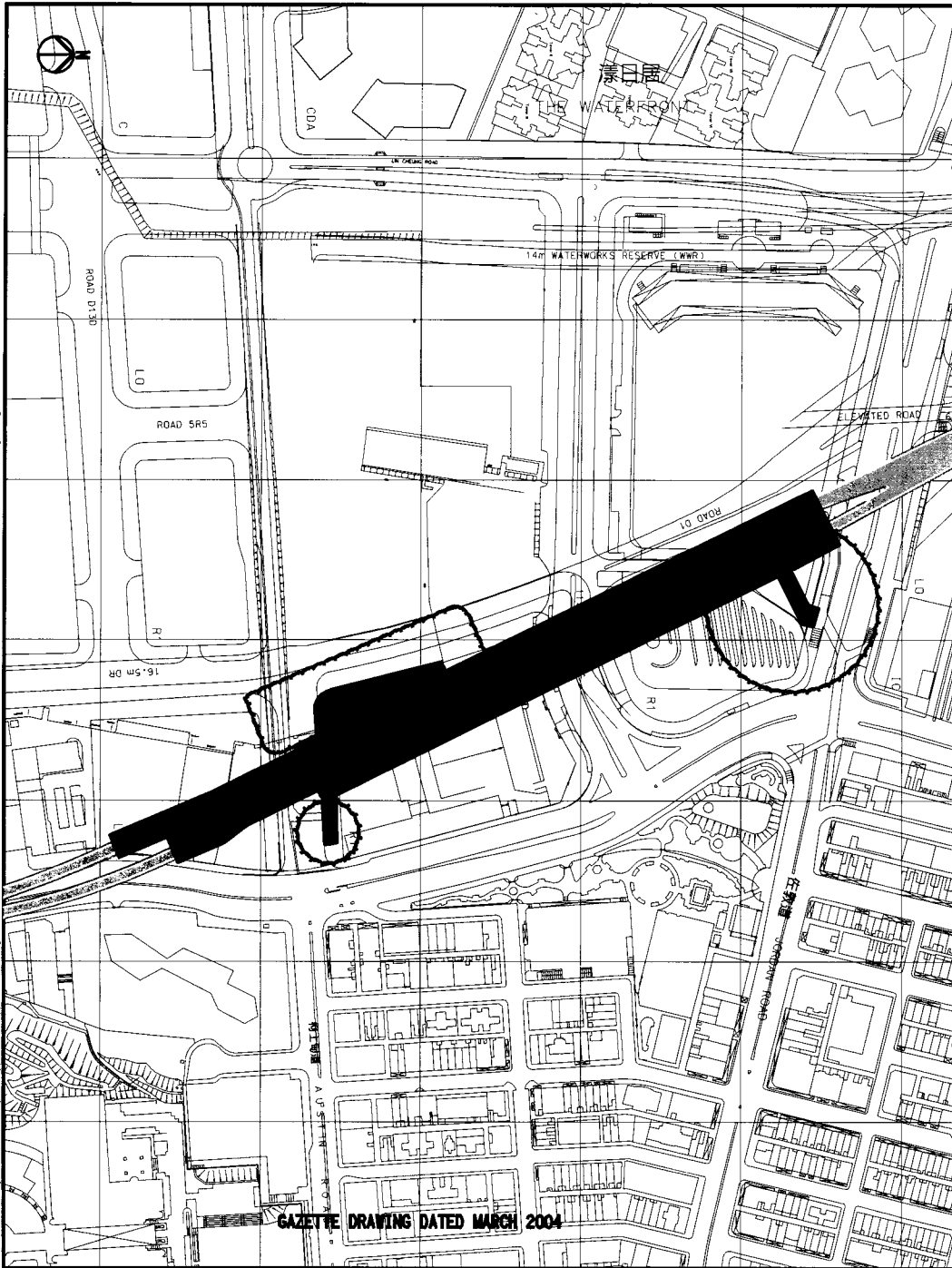

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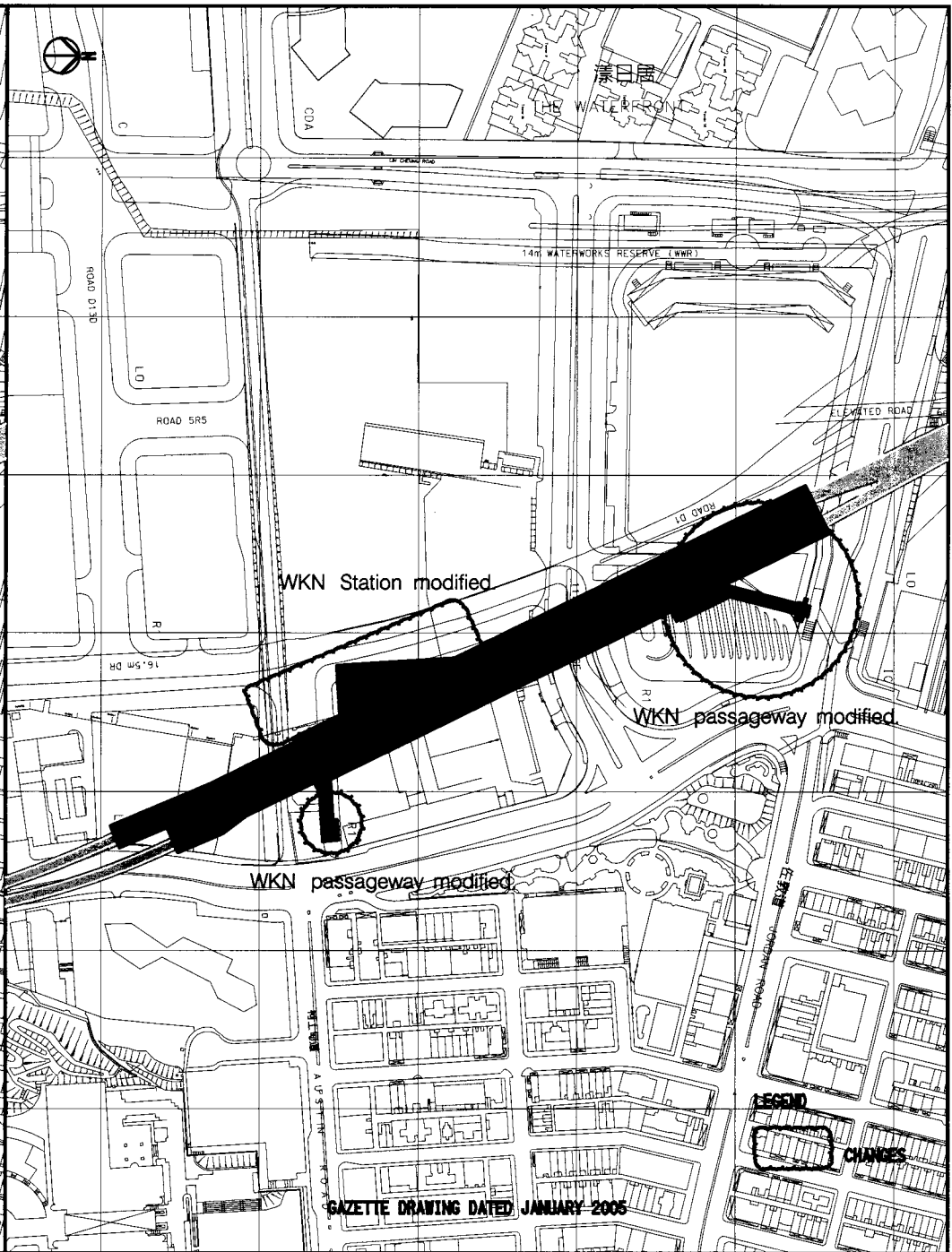
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WKN Station modified

WKN passageway modified

WKN passageway modified

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