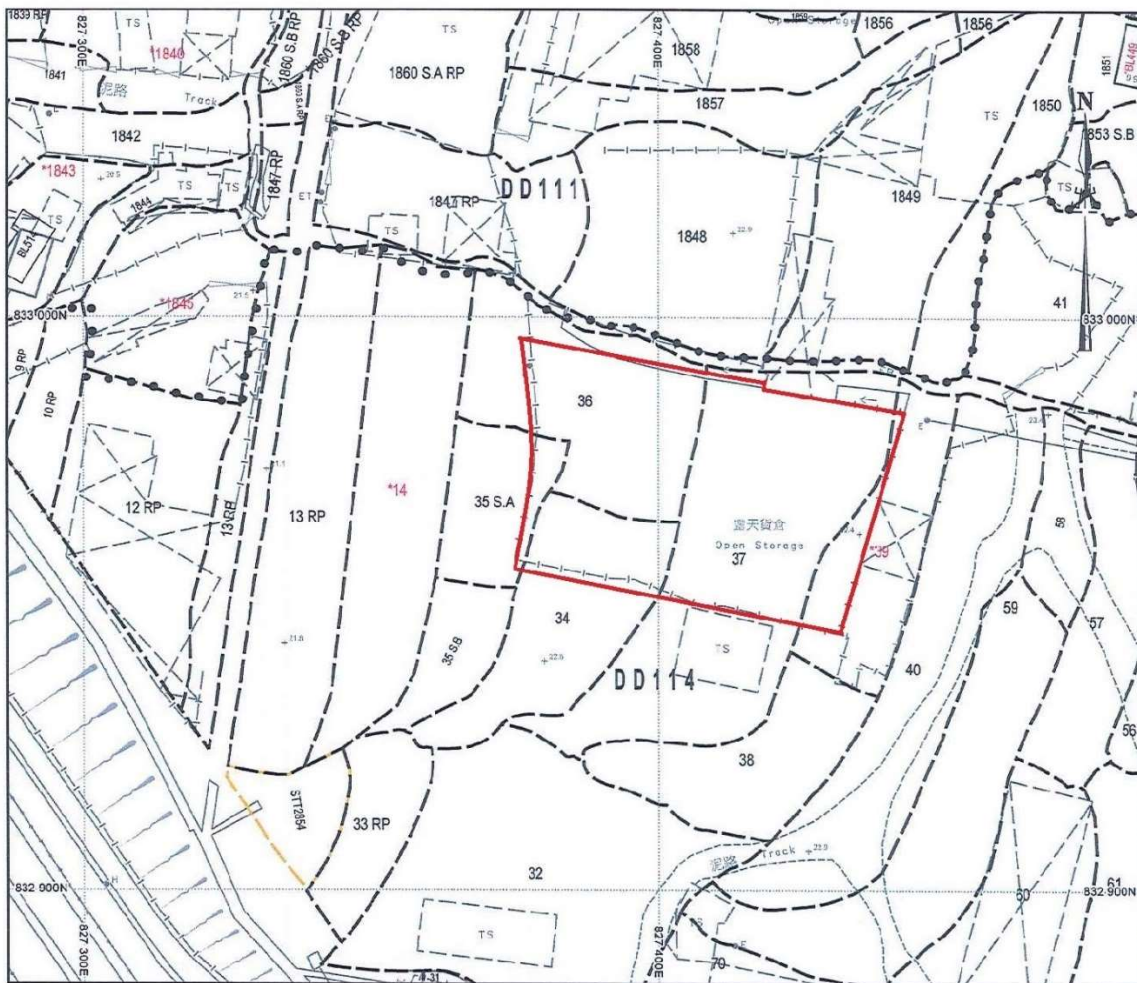
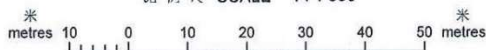


場地大綱圖



地政總署測繪處 Survey and Mapping Office, Lands Department

比例尺 SCALE 1:1 000



Locality :

Lot Index Plan No. : ags_S00000158996_0001

District Survey Office : Lands Information Center

Date : 27-May-2026

Reference No. : 6-NE-14A,6-NE-14C

香港特別行政區政府 一 版權所有

© Copyright reserved - Hong Kong SAR Government

SMO-P01 20260527164344 10

摘要說明：本地段索引圖在其背景的地形圖上標示了各種永久和短期持有的土地的圖像界線。這些土地包括私人地段、政府撥地、短期租約批地，以及其他待核准使用的土地。請注意：(1)本索引圖上的資料會比不時更新而不作事先通知；(2)索引圖的更新或會延後於有關資料的實際變更；以及(3)本索引圖中顯示的界線僅供輔助之用，資料是否準確可靠，應諮詢專業土地測量師的意見。

免責說明：如因使用本地段索引圖，或因所依據的本索引圖資料出錯、遺漏、過時或有誤差而引致任何損失或損害，政府概不承擔任何法律責任。

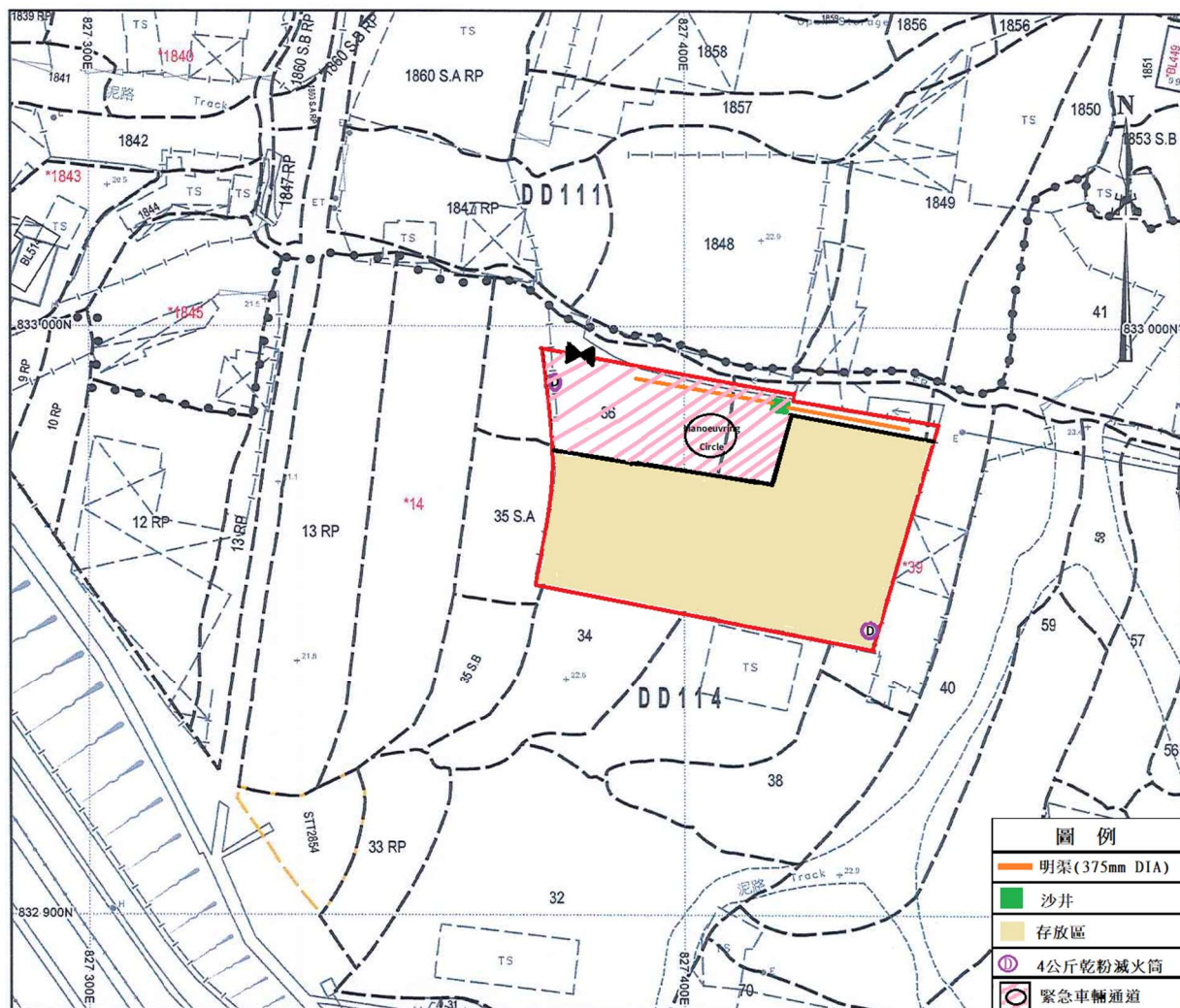
Explanatory notes : this plan shows the graphical boundaries of different kinds of permanent and temporary land holdings with the topographic map in the background. The land holdings as shown may include private lots, government land allocations, short term tenancies and other permitted uses of land. It must be noted that: (1) the information shown on this plan is subject to update without prior notification; (2) there may be time lag between an update and the related changes taken place; and (3) the graphical boundaries as shown are for identification purpose only and interpretation of their accuracy and reliability requires the advice from professional land surveyor.

Disclaimer : The Government shall not be responsible for any loss or damage howsoever arising from the use of this plan or in reliance upon its correctness, completeness, timeliness or accuracy.

場 地 位 置 圖

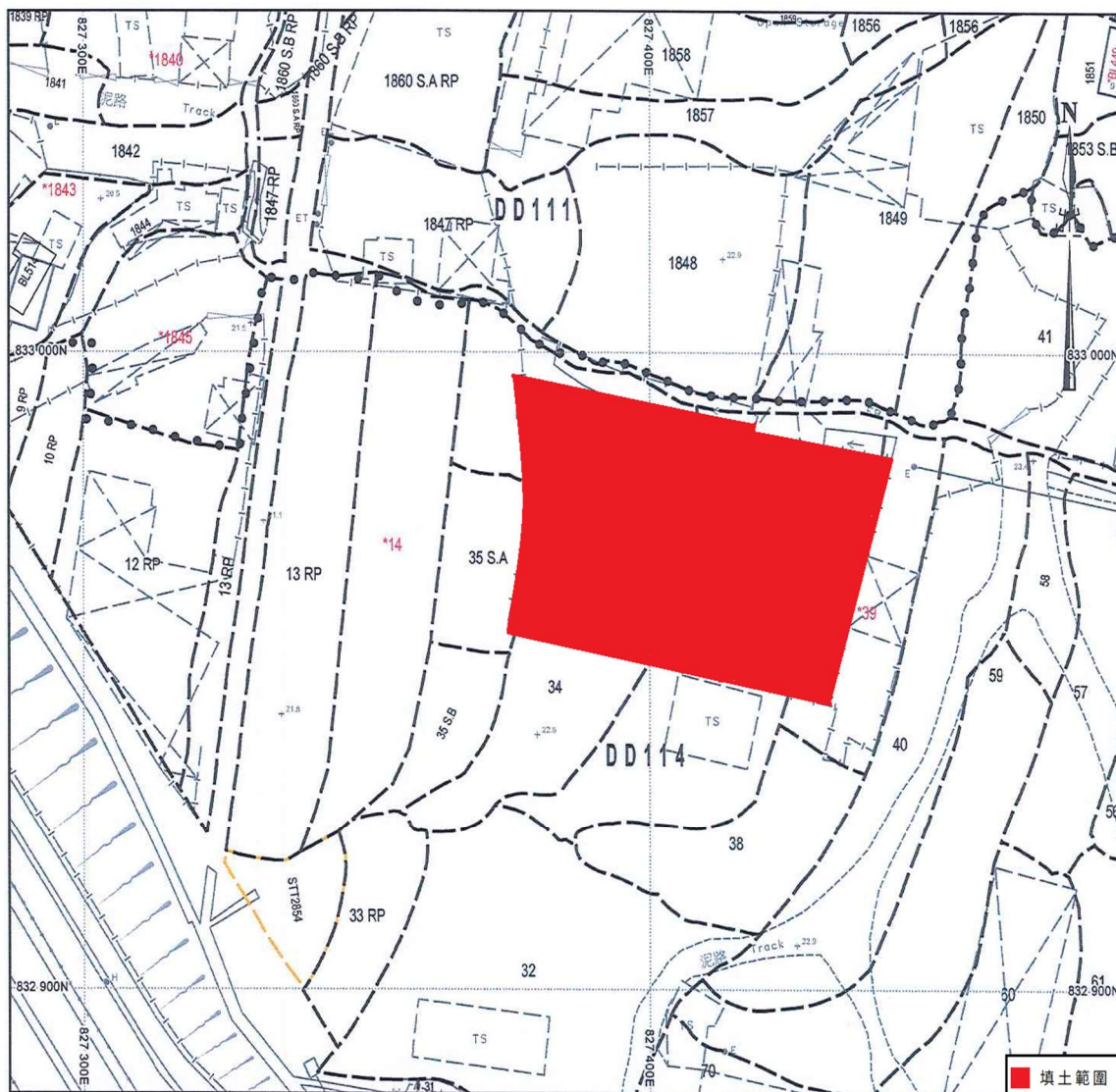


場地佈局設計圖



露天存放區佔用面積 **1830m²**

填土工程圖

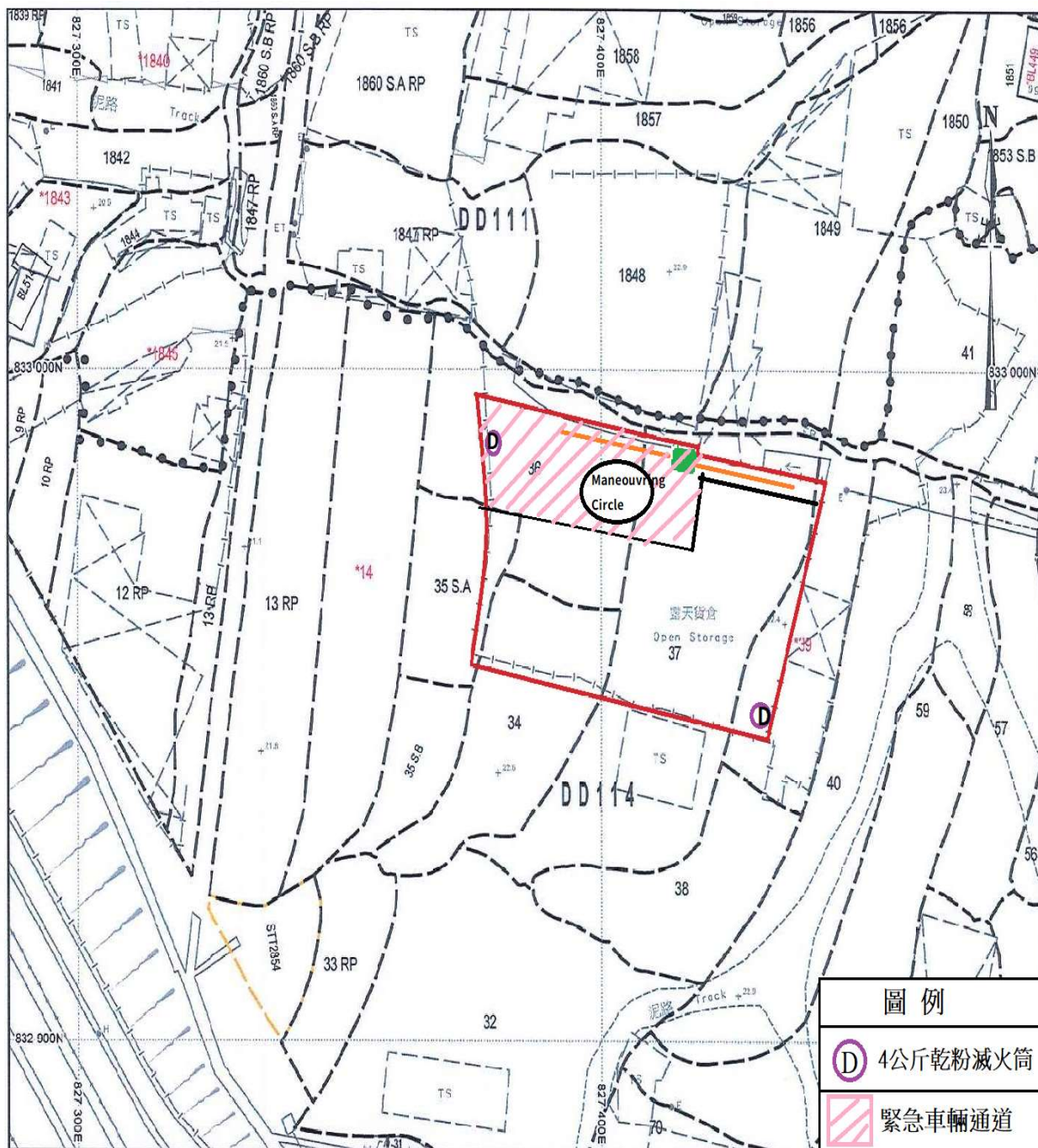


填土面積：2435.5 平方米

填土物料：泥石

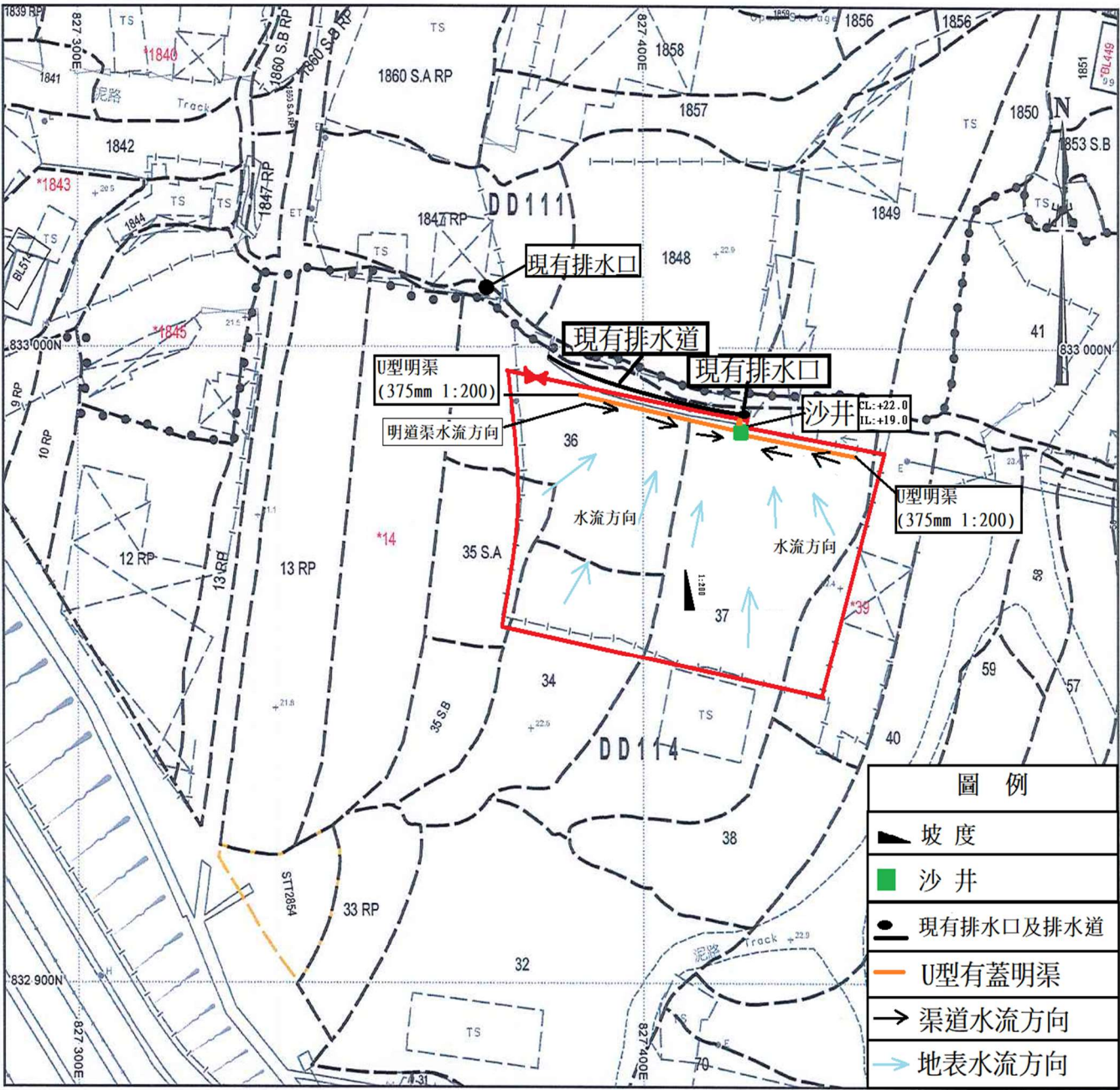
填土厚度：0.1 米

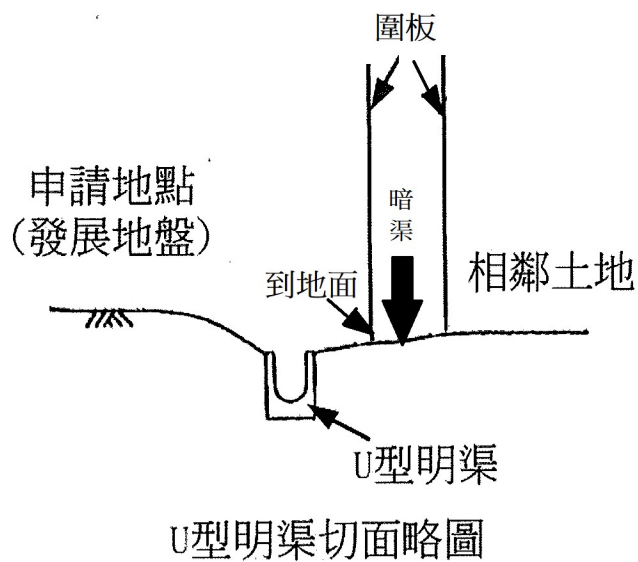
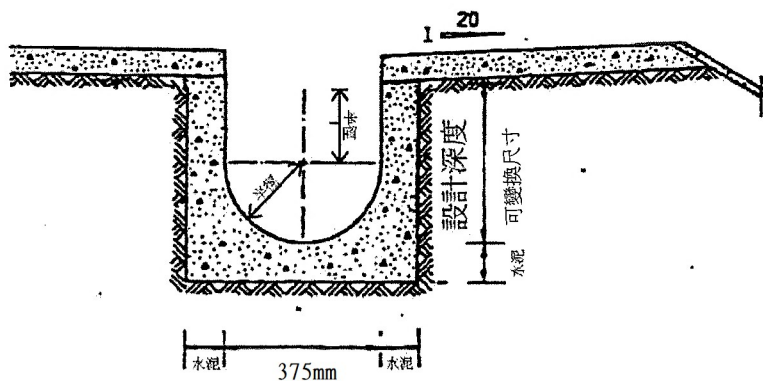
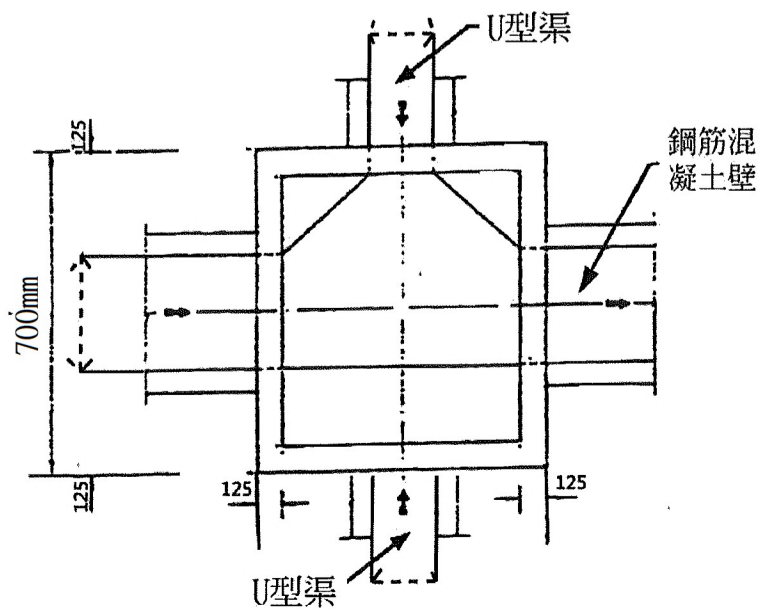
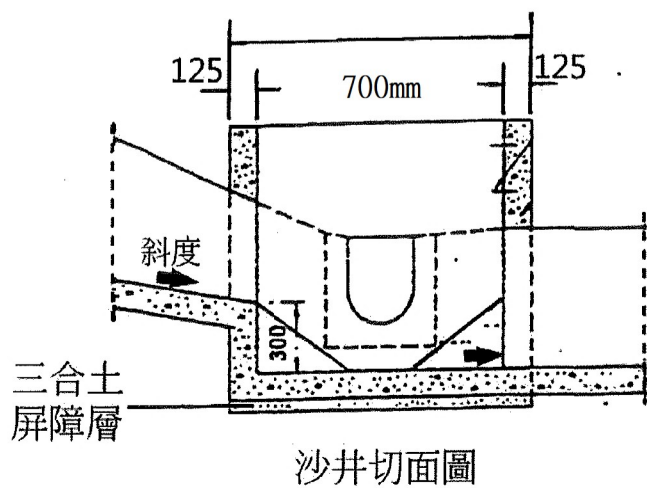
消防裝置擬建設計圖



PORTABLE FIRE EXTINGUISHERS
 PORTABLE FIRE EXTINGUISHERS WITH SPECIFIED TYPE SHALL BE PROVIDED AS
 INDICATED ON THE PLANS TO THE SATISFACTION OF HKFSD

渠道及沙井擬建設計圖





雨水排放量計算：

(i) Design date :

Return year : 1 to 50 years

Run off coefficient : $C = 1.0$

Approximate Catchment = 2435.5m^2

Duration : 5 min

The Rational Method

Estimate of Storm water run-off, $Q = 0.278 \times C \times i \times A$

Where Q = Peak run-off in m^3/s

C = Run-off coefficient

i = Rainfall intensity in mm/hr

A = Area of catchment in m^2

(ii) Rainfall Intensity referring to Stormwater Drainage Manual (SDM)

The delineation of Rainfall zones = HKO Headquarters

(Refer to SDM, Figure 3)

The rainfall intensity = $218\text{ mm}/\text{h}$ (Refer to SDM, Table 2a)

Rainfall increase due to Climate Change.

The rainfall increase = End of 21st Century = 16% (Refer to SDM, Table 28)

Rainfall increase due to Design Allowance

The rainfall increase = End of 21st Century = 12.1% (Refer to SDM, Table 31)

Therefore, the rainfall increase = $218\text{mm}/\text{h} \times (16\% + 12.1\%)$

= $61.258\text{mm}/\text{h}$

= $218\text{mm}/\text{h} + 61.258\text{mm}/\text{h} = 279.258\text{mm}/\text{h}$

(iii) Maximum run-off from the discharge point

For Domestic structure :

$Q_p = 0.278 \times 1 \times 279.258 \times 2435.5 \times 10^{-6}$

= $0.18907\text{m}^3/\text{s}$

= $189.07\text{ L}/\text{s}$

375 mm U channel with gradient 1 in 100 at velocity at $2.183\text{ m}/\text{s}$, can accommodate for $231.63\text{ L}/\text{s}$ (Please refer Hydraulic Research Paper 8th Edition Table A16)

Drainage Capacity $231.63\text{ L}/\text{s} > 189.07\text{ L}/\text{s}$

(81.6% Capacity Occupied)

(with over 10% reduction in flow area)

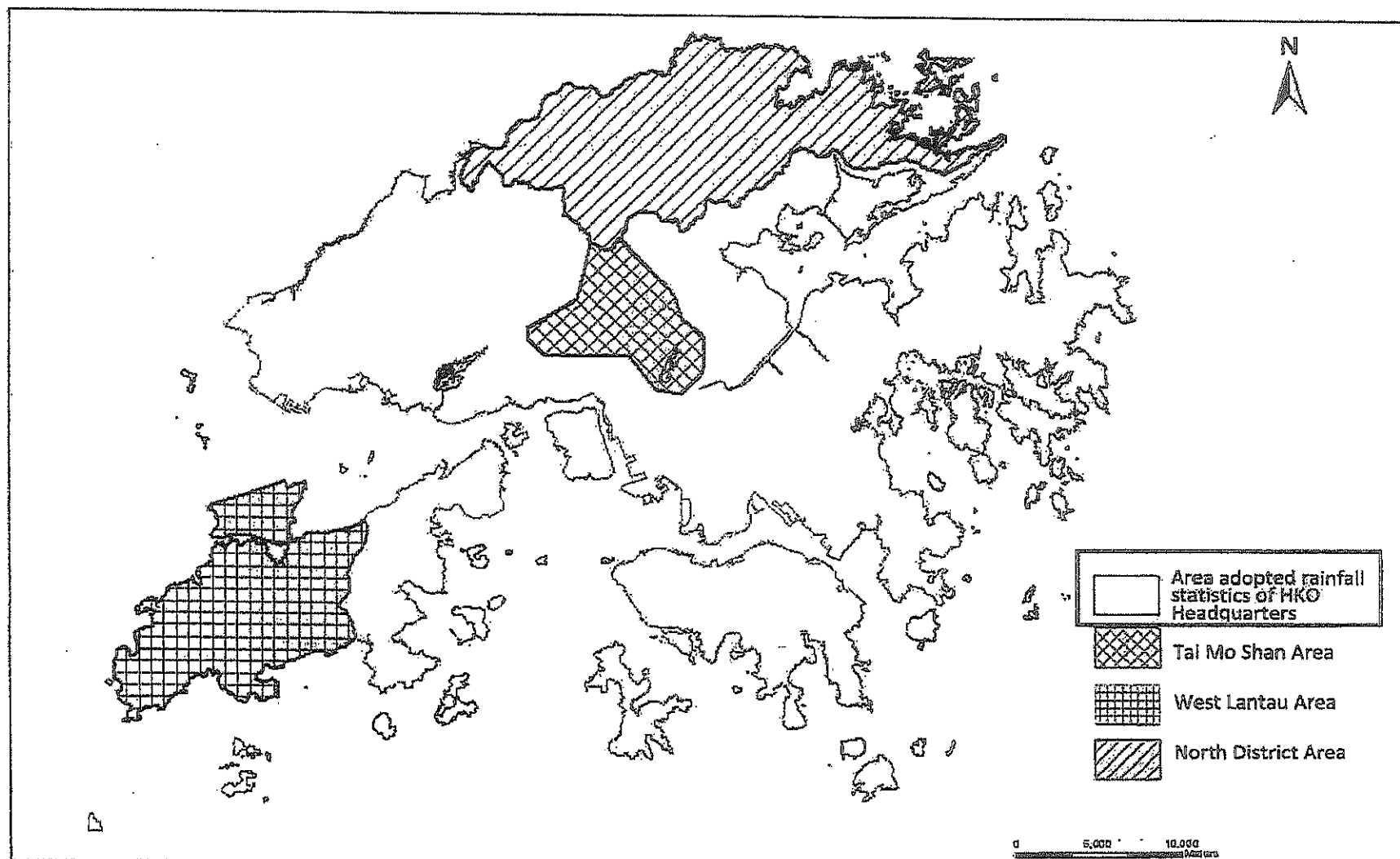


Figure 3 Delineation of Rainfall Zones

Table 2a – Intensity-Duration-Frequency (IDF) Relationship of HKO Headquarters
for durations not exceeding 240 minutes

Duration (min)	Parameters			Extreme Intensity x (mm/h) for various Return Periods T(year)								
	ξ (mm/h)	α	κ	2	5	10	20	50	100	200	500	1000
240**	26.00	9.30	-0.009	29.4	40.0	47.1	54.0	62.9	69.7	76.4	85.4	92.2
120++	43.79	14.56	0.081	49.1	64.4	73.7	82.2	92.5	99.7	107	115	121
60++	64.42	19.34	0.092	71.4	91.5	104	115	128	137	145	156	163
30++	84.48	20.28	0.141	91.7	112	124	134	145	153	160	168	174
15++	106.47	21.34	0.157	114	135	147	157	169	176	183	191	197
10	*122.53	*24.90	*0.198	131	155	168	179	190	198	204	212	216
5	*145.27	*28.54	*0.235	155	181	195	206	218	226	232	239	243
2	*175.33	*34.18	*0.285	187	217	232	244	256	263	269	275	279
1	*198.07	*39.17	*0.322	212	245	261	273	285	292	298	303	307
0.50	*220.81	*44.90	*0.360	236	273	290	303	315	322	327	332	335
0.25+++	244.85	52.05	0.404	263	303	322	335	347	354	359	363	366

Notes:

1. For interpolation/extrapolation, $x = \xi + \left(\frac{\alpha}{\kappa}\right) \left\{ 1 - \left[-\log \left(\frac{T-1}{T} \right) \right]^\kappa \right\}$
2. ++ based on continuous rainfall recorded at HKO Headquarters (1947 – 2014)
3. +++ based on Jardi rate-of-rainfall records at King's Park (1952 – 2014)
4. * interpolated data
5. ** based on hourly rainfall records at HKO Headquarters (1884 – 1939; 1947 – 2014)

- (k) Table 28
Rainfall
Increase due
to Climate
Change

Replace the table with the following:

Table 28 – Rainfall Increase due to Climate Change

	Rainfall Increase
Mid 21 st Century	11.1%
End of 21 st Century	16.0%

Notes:

1. The rainfall increase is relative to the average of 1995-2014.
2. Mean projection values are adopted in the table.
3. Mid 21st century refers to years 2041 – 2060; end of 21st century refers to years 2081 – 2100.

- (l) Table 29
Mean Sea
Level Rise due
to Climate
Change

Add the following table:

Table 29 – Mean Sea Level Rise due to Climate Change

	Mean Sea Level Rise
Mid 21 st Century	0.20 m
End of 21 st Century	0.47 m

Notes:

1. The mean sea level rise is relative to the average of 1995-2014.
2. Median projection values are adopted in the table.
3. Mid 21st century refers to period around 2050; end of 21st century refers to period around 2090.

- (m) Table 30
Storm Surge
Increase due
to Climate
Change

Add the following table:

Table 30 – Storm Surge Increase due to Climate Change

Table 30a Storm Surge Increase in Mid 21st Century

Return Period (Years)	North Point/ Quarry Bay (m)	Tai Po Kau (m)	Tsim Bei Tsui (m)	Tai O (m)
2	0.04	0.05	0.05	0.03
5	0.05	0.07	0.06	0.05
10	0.06	0.08	0.08	0.05
20	0.07	0.10	0.09	0.06
50	0.08	0.13	0.11	0.08
100	0.09	0.15	0.12	0.09
200	0.10	0.17	0.13	0.10

Notes: Mid 21st century refers to period around 2050.

Table 30b Storm Surge Increase in End of 21st Century

Return Period (Years)	North Point/ Quarry Bay (m)	Tai Po Kau (m)	Tsim Bei Tsui (m)	Tai O (m)
2	0.06	0.09	0.09	0.06
5	0.09	0.14	0.12	0.09
10	0.10	0.17	0.15	0.10
20	0.12	0.20	0.17	0.12
50	0.14	0.25	0.20	0.14
100	0.16	0.29	0.23	0.16
200	0.18	0.34	0.26	0.18

Notes: End of 21st century refers to period around 2090.

(n) Table 31
Design
Allowance

Add the following table:

Table 31 Design Allowance in End of 21st Century

Rainfall Increase	Extreme Sea Level Rise (Sum of Mean Sea Level Rise and Storm Surge Increase)				
	Return Period (Years)	North Point/ Quarry Bay (m)	Tai Po Kau (m)	Tsim Bei Tsui (m)	Tai O (m)
12.1%	2	0.20	0.22	0.20	0.19
	5	0.21	0.24	0.22	0.20
	10	0.22	0.25	0.23	0.21
	20	0.22	0.27	0.23	0.22
	50	0.24	0.29	0.25	0.22
	100	0.24	0.31	0.26	0.23
	200	0.25	0.34	0.27	0.24

Note:

- End of 21st century refers to period around 2090.
- Design allowance was derived from the projection difference (median values) between very high greenhouse gas emissions scenario [SSP5-8.5] and intermediate greenhouse gas emissions scenario [SSP2-4.5]. For design allowance in mid 21st century, designers can make reference to the table as shown in Appendix 2.

(o) Appendices 1
and 2

Add Appendices 1 and 2 in the following pages:

**Hydraulic Research Paper 8th
Edition Table A16**

A16

(p.5 of 6)

$k_s = 0.150 \text{ mm}$
 $S = 0.01000 \text{ to } 0.03000$

Water (or sewage) at 15°C ;
full bore conditions.

ie hydraulic gradient =
1 in 100 to 1 in 33.3

velocities in ms^{-1}
discharges in litres/sec

Gradient	(Equivalent) Pipe diameters in mm														
	150	200	225	250	275	300	350	375	400	450	500	525	600	630	
0.01000	1.173	1.411	1.521	1.626	1.726	1.824	2.009	2.097	2.183	2.349	2.508	2.584	2.806	2.892	
1/ 100	20.728	44.321	60.461	79.798	102.55	126.91	193.26	231.63	274.36	373.61	492.36	559.44	793.39	901.35	
0.01050	1.203	1.447	1.559	1.667	1.770	1.870	2.060	2.150	2.238	2.408	2.571	2.649	2.877	2.964	
1/ 95	21.259	45.450	61.999	81.825	105.15	132.18	198.15	237.48	281.29	383.03	504.76	573.53	813.34	924.01	
0.01100	1.232	1.482	1.597	1.707	1.813	1.915	2.109	2.202	2.292	2.466	2.632	2.713	2.946	3.035	
1/ 91	21.777	46.554	63.501	83.805	107.69	135.37	202.93	243.20	288.06	392.24	516.87	587.28	832.82	946.13	
0.01150	1.261	1.516	1.634	1.747	1.855	1.959	2.158	2.253	2.345	2.523	2.693	2.775	3.013	3.105	
1/ 87	22.284	47.633	64.970	85.741	110.17	138.49	207.59	248.79	294.67	401.23	528.71	600.73	851.67	967.75	
0.01200	1.289	1.550	1.670	1.785	1.896	2.002	2.205	2.302	2.396	2.578	2.752	2.836	3.078	3.172	
1/ 83	22.781	48.686	66.408	87.635	112.60	141.54	212.16	254.26	301.14	410.03	540.30	613.89	870.50	988.92	
0.01250	1.317	1.583	1.706	1.823	1.936	2.045	2.252	2.351	2.447	2.632	2.810	2.895	3.143	3.239	
1/ 80	23.267	49.722	67.816	89.491	114.98	144.53	216.63	259.61	307.48	418.65	551.65	626.78	888.76	1009.6	
0.01300	1.344	1.615	1.740	1.860	1.975	2.086	2.297	2.398	2.496	2.685	2.866	2.954	3.207	3.304	
1/ 77	23.743	50.736	69.196	91.309	117.32	147.46	221.02	264.86	313.70	427.11	562.77	639.41	906.65	1030.0	
0.01350	1.370	1.647	1.774	1.896	2.014	2.127	2.342	2.445	2.545	2.738	2.922	3.011	3.269	3.368	
1/ 74	24.211	51.731	70.550	93.094	119.61	150.33	225.32	270.02	319.79	435.40	573.68	651.80	924.20	1049.9	
0.01400	1.396	1.678	1.808	1.932	2.052	2.167	2.386	2.491	2.592	2.789	2.976	3.067	3.330	3.431	
1/ 71	24.670	52.707	71.890	94.846	121.86	153.16	229.54	275.07	325.78	443.53	584.40	663.97	941.43	1069.5	
0.01450	1.422	1.708	1.841	1.967	2.089	2.206	2.429	2.536	2.639	2.839	3.030	3.122	3.389	3.492	
1/ 69	25.121	53.667	73.186	96.567	124.07	155.93	233.69	280.04	331.66	451.53	594.92	675.92	968.86	1088.7	
0.01500	1.447	1.738	1.873	2.002	2.125	2.245	2.471	2.580	2.685	2.888	3.083	3.177	3.448	3.553	
1/ 67	25.564	54.609	74.470	98.258	126.24	158.65	237.77	284.92	337.44	459.39	605.27	687.67	974.99	1107.6	
0.01600	1.496	1.797	1.936	2.069	2.197	2.320	2.554	2.666	2.775	2.985	3.185	3.283	3.563	3.671	
1/ 63	26.429	56.450	76.975	101.56	130.47	163.97	245.73	294.45	348.71	474.72	625.45	710.59	1007.5	1144.4	
0.01700	1.543	1.854	1.997	2.134	2.266	2.393	2.634	2.750	2.862	3.078	3.285	3.385	3.674	3.786	
1/ 59	27.266	58.234	79.404	104.76	134.58	169.13	253.44	303.69	359.64	489.59	645.02	732.81	1038.9	1180.2	
0.01800	1.589	1.909	2.056	2.197	2.333	2.464	2.712	2.831	2.946	3.169	3.382	3.485	3.783	3.897	
1/ 56	28.082	59.966	81.762	107.87	138.57	174.14	260.93	312.66	370.26	504.02	664.02	754.39	1069.5	1214.9	
0.01900	1.634	1.962	2.114	2.259	2.398	2.532	2.788	2.910	3.029	3.257	3.476	3.582	3.888	4.005	
1/ 53	28.875	61.651	84.057	110.89	142.45	179.01	268.21	321.38	380.58	518.06	682.49	775.37	1099.2	1248.6	
0.02000	1.678	2.015	2.170	2.319	2.462	2.600	2.862	2.987	3.109	3.343	3.568	3.676	3.990	4.111	
1/ 50	29.647	63.293	86.291	113.83	146.22	183.75	275.31	329.88	390.64	531.74	700.49	795.81	1128.2	1281.5	
0.02100	1.720	2.066	2.225	2.378	2.524	2.665	2.933	3.062	3.187	3.427	3.657	3.768	4.090	4.214	
1/ 47.6	30.400	64.894	88.471	116.71	149.91	188.38	282.23	338.17	400.45	545.08	718.05	815.75	1156.4	1313.5	
0.02200	1.762	2.115	2.279	2.435	2.584	2.729	3.004	3.135	3.263	3.509	3.744	3.858	4.187	4.314	
1/ 45.5	31.135	66.458	90.600	119.51	153.51	192.89	288.99	346.26	410.03	558.10	735.19	835.22	1184.0	1344.9	
0.02300	1.803	2.164	2.331	2.491	2.644	2.791	3.072	3.207	3.337	3.589	3.830	3.946	4.283	4.412	
1/ 43.5	31.854	67.986	92.681	122.25	157.03	197.31	295.60	354.17	419.99	570.83	751.95	854.25	1210.9	1375.5	
0.02400	1.842	2.212	2.382	2.545	2.702	2.853	3.140	3.277	3.410	3.668	3.913	4.032	4.376	4.508	
1/ 41.7	32.557	69.482	94.718	124.94	160.47	201.63	302.07	361.91	428.66	583.29	768.35	872.88	1237.3	1405.4	
0.02500	1.881	2.268	2.432	2.599	2.758	2.912	3.205	3.345	3.482	3.744	3.995	4.116	4.467	4.603	
1/ 40.0	33.247	70.947	96.712	127.56	163.84	205.87	308.40	369.50	437.53	595.50	784.42	891.12	1263.1	1434.7	
0.02600	1.920	2.304	2.482	2.651	2.814	2.971	3.270	3.413	3.552	3.819	4.075	4.199	4.557	4.695	
1/ 38.5	33.922	72.384	98.668	130.14	167.15	210.02	314.61	376.93	446.33	607.46	800.16	909.00	1288.4	1463.5	
0.02700	1.957	2.349	2.530	2.703	2.869	3.029	3.333	3.479	3.620	3.893	4.154	4.280	4.645	4.785	
1/ 37.0	34.585	73.793	100.59	132.67	170.39	214.09	320.70	384.22	454.96	619.19	815.60	926.54	1313.3	1491.7	
0.02800	1.994	2.393	2.577	2.753	2.922	3.085	3.395	3.544	3.688	3.966	4.231	4.360	4.731	4.874	
1/ 35.7	35.235	75.176	102.47	135.15	173.57	218.08	326.67	391.36	463.43	630.71	830.77	943.75	1337.7	1519.4	
0.02900	2.030	2.436	2.624	2.803	2.975	3.141	3.456	3.607	3.754	4.037	4.307	4.438	4.816	4.961	
1/ 34.5	35.875	76.535	104.32	137.59	176.70	222.01	332.55	398.41	471.75	642.03	845.66	960.67	1361.6	1546.6	
0.03000	2.066	2.479	2.669	2.852	3.027	3.195	3.516	3.670	3.819	4.107	4.381	4.515	4.899	5.047	
1/ 33.3	36.503	77.871	106.14	139.98	179.77	225.87	338.32	405.32	479.93	653.15	860.30	977.29	1385.1	1573.3	
	0.83	0.85	0.85	0.86	0.86	0.87	0.88	0.88	0.89	0.89	0.90	0.90	0.91	0.91	

$V_{(0.5)medial}$ for half-full circular pipes.

$k_s = 0.150 \text{ mm}$ $S = 0.01000 \text{ to } 0.03000$

行車路線圖



行車通道位置 ①



行車通道位置 ②



行車通道位置 ③



行車通道位置 ④



行車通道位置 ⑤



行車通道位置 ⑥



行車通道位置 ⑦



行車通道位置 ⑧



行車通道位置 ⑨



行車通道位置 ⑩



行車通道位置 ⑪



行車通道位置 ⑫



行車通道位置 ⑬



行車通道位置 ⑭

