

WELLAB 匯力

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Our Ref: WMA20002/AECOM/it200512_C2.5

AECOM

8/F Grand Central Plaza Tower 2
138 Shatin Rural Committee Road
Shatin, Hong Kong

By Mail
12th May 2020

Attn.: Mr. Chris Ho

Dear Mr. Ho,

Service Contract No. NDO 04/2019

Environmental Team for Environmental Monitoring and Audit Works in Construction Phase for the First Phase Development of Kwu Tung North and Fanling North New Development Areas

- Contract No.: ND/2019/01 Kwu Tung North New Development Area, Phase 1: Site Formation and Infrastructure Works

Environmental Permit No. EP-468/2013/A:

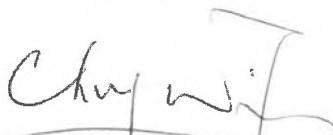
Location Plans (Condition 2.5)

I refer to the revised Location Plans (EP Condition 2.5) submitted by the Contractor (Build King –Richwell Engineering Joint Venture) of the captioned Contract (ND/2019/01) via email dated 11th May 2020.

I am pleased to inform you that I have no further comment and I hereby agree to certify the above document in accordance with the Environmental Permit (No. EP-468/2013/A), Condition 1.9 and 2.5.

If you need any further information, please call our Ms. Ivy Tam at 2151 2090 or me at 2151 2089 / 9161 7287.

Yours faithfully,
WELLAB Limited



Dr. Priscilla Choy
Environmental Team Leader

c.c. CEDD (Attn: Mr. Stephen Leung)
IEC - Mott MacDonald Hong Kong Ltd
(Attn.: Mr. Thomas Chan)
Contractor - Build King –Richwell Engineering Joint Venture
(Attn.: Mr. Daniel Sin)

By e-mail: mtleung@cedd.gov.hk

By e-mail: Thomas.Chan@mottmac.com

By e-mail: daniel.sin@buildking.hk



AECOM
8F, Tower 2, Grand Central Plaza
138 Shatin Rural Committee Road
Shatin, N.T. Hong Kong

Attention: Mr. Chris Ho

Your Reference

Our Reference
EC/TC/II/414202/L0012

3/F International Trade
Tower
348 Kwun Tong Road
Kowloon
Hong Kong

T +852 2828 5757
F +852 2827 1823
mottmac.hk

Agreement No. CE 33/2019 (EP)

Independent Environmental Checker for Environmental Monitoring and Audit Works in Construction Phase for the First Phase Development of Kwu Tung North and Fanling North New Development Areas – Investigation

Contract No. ND/2019/01 Kwu Tung North New Development Area, Phase 1: Site Formation and Infrastructure Works - Environmental Permit No. EP-468/2013/A: Management Organization of Main Construction Companies (Condition 2.4)

12 May 2020

BY EMAIL & POST

Reference is made to the Contractor's (Build King - Richwell Engineering Joint Venture) submission of the Management Organization of Main Construction Companies (EP Condition 2.4) of the captioned Contract (ND/2019/01) in accordance with the Environmental Permit (No. EP-468/2013/A) certified by the ET Leader on 12 May 2020.

We would like to inform you that we have no adverse comment on the captioned submission. Therefore we write to verify the captioned submission in accordance with the requirement stipulated in Condition 1.9 and 2.4 of EP-468/2013/A.

Should you have any queries, please contact the undersigned at 2828 5967.

Yours faithfully,
For and on behalf of the
Mott MacDonald Hong Kong Limited

Ir Thomas Chan
Independent Environmental Checker
T +852 2828 5967
Thomas.Chan@mottmac.com

c.c.
CEDD
Wellab Ltd.

Build King - Richwell Engineering Joint Venture

Stephen Leung mtleung@cedd.gov.hk
Dr. Priscilla Choy/ priscilla.choy@wellab.com.hk
Ms. Ivy Tam ivy.tam@wellab.com.hk
Mr. Daniel Sin daniel.sin@buildking.hk

Summary of submission (EP-468/2013/A)

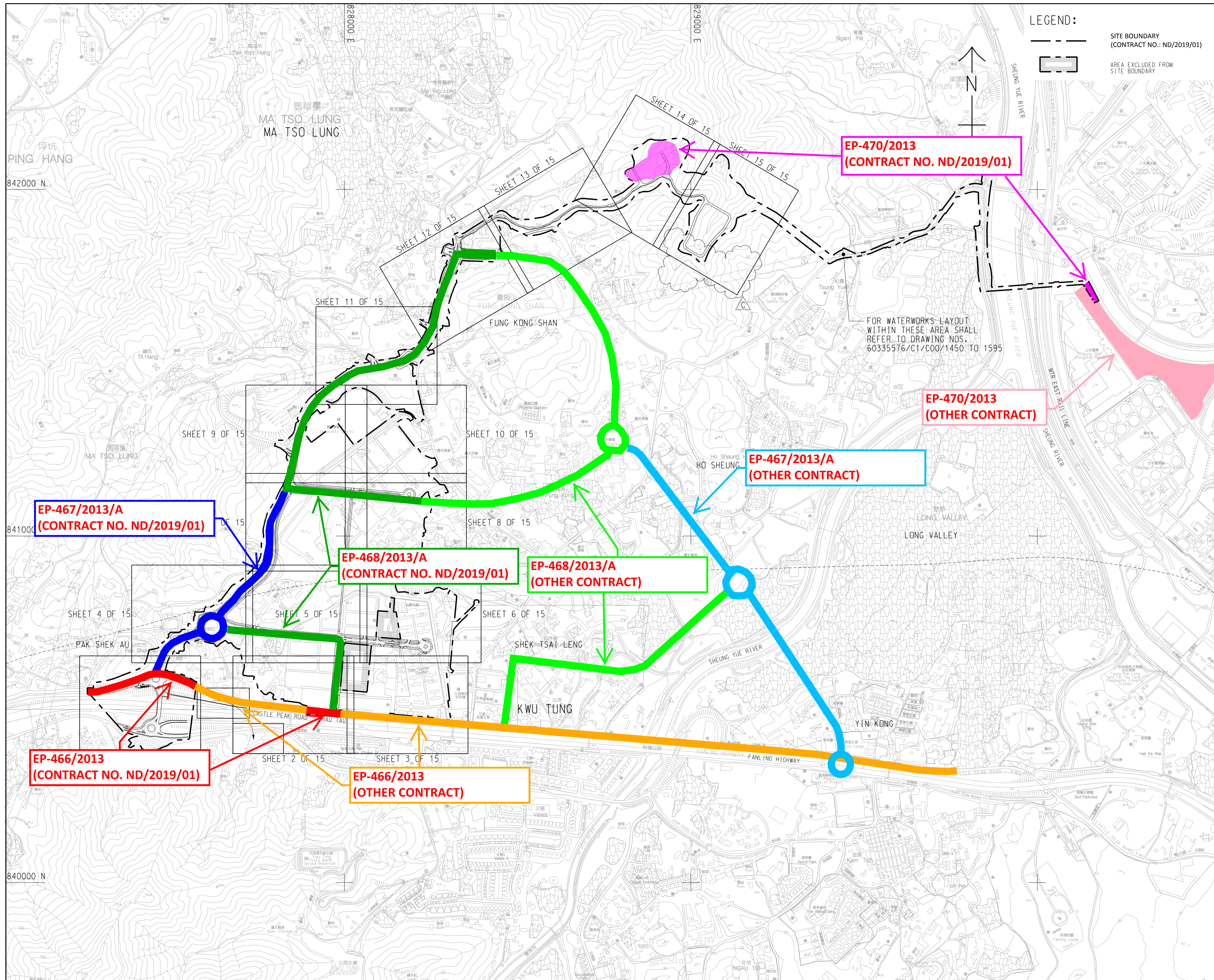
Submission of Location Plans

Cl. 2.5 of EP-468/2013/A The Permit Holder shall, no later than 2 weeks before the commencement of construction of the Project, deposit four hard copies and one electronic copy of location plan(s) of the Project with a scale of 1:1000 or other appropriate scale as agreed with the Director. The plans shall include the details the works boundaries, works areas, vertical and horizontal alignments of the roads and any other major facilities; and the locations of key environmental mitigation measures.

Table of Summary for Submission

Requirement of Cl.2.5 of EP-468/2013/A	Dwg No. 60335576/C1/C00/1081-1 (For EP-470/2013, EP-468/2013/A, EP-467/2013/A and EP-466/2013)	Dwg No. 60335576/C1/C00/1081-5 60335576/C1/C00/1081-6 60335576/C1/C00/1081-7 60335576/C1/C00/1081-8 60335576/C1/C00/1081-9 60335576/C1/C00/1081-10 60335576/C1/C00/1081-11 60335576/C1/C00/1081-12 60335576/C1/C00/1081-13 60335576/C1/C00/1081-14 (For EP-468/2013/A only)	Dwg. No. 60335576/C1/C00/1102A 60335576/C1/C00/1104A 60335576/C1/C00/1105A 60335576/C1/C00/1107B 60335576/C1/C00/1108B 60335576/C1/C00/1109A 60335576/C1/C00/1111A 60335576/C1/C00/1112A (For EP-468/2013/A only)	Dwg. No. 60335576/C1/C00/1122 60335576/C1/C00/1124 60335576/C1/C00/1125 60335576/C1/C00/1126 (For EP-468/2013/A only)	Dwg No. 60335576/C1/C00/1121 60335576/C1/C00/1101 (Original contract drawings. For legend reference only)	Dwg No. 60335576/C1/C00/6020A 60335576/C1/C00/6021A 60335576/C1/C00/1221A 60335576/C1/C00/1222A 60335576/C1/C00/1224A 60335576/C1/C00/1225A 60335576/C1/C00/1226A 60335576/C1/C00/1227A 60335576/C1/C00/1228A 60335576/C1/C00/1229 (For EP-468/2013/A only)
(i) Scale of 1:1000 or other appropriate scale as agreed with the Director	Scale: A1 1:5000 This drawing contains the works of different EPs (i.e. EP-470/2013, EP-468/2013/A, EP-467/2013/A and EP-466/2013) in relation to Contract No.: ND/2019/01 (This drawing is for indication purpose)	Scale: A3 1:1000	Scale: A3 1:1000	Scale: A1 Hor. 1:1000 Ver. 1:250	Since the purpose of these drawings is for legend reference only, the scale is not of concern. (Dwg. No. 60335576/C1/C00/1101 for Dwg. No. 60335576/C1/C00/1102A 60335576/C1/C00/1104A 60335576/C1/C00/1105A 60335576/C1/C00/1107A 60335576/C1/C00/1108A 60335576/C1/C00/1109A 60335576/C1/C00/1111A 60335576/C1/C00/1112A and Dwg. No. 60335576/C1/C00/1121 for Dwg. No. 60335576/C1/C00/1122 60335576/C1/C00/1124 60335576/C1/C00/1125 60335576/C1/C00/1126	Scale: A3 1:1000
(ii) The details the works boundaries, works areas, vertical and horizontal alignments of the roads and any other major facilities	-	The site boundary of Contract No.: ND/2019/01 is indicated.	The site boundary of Contract No.: ND/2019/01 is indicated. Horizontal alignment of the road is indicated.	Vertical alignment of the road is indicated.		
(iii) The locations of key environmental mitigation measure	-	Location of key environmental mitigation measure (i.e. 2.4m high solid dull green site barrier fences) is indicated.				Location of key environmental mitigation measure: (a) Low Noise Surfacing: 60335576/C1/C00/1221A 60335576/C1/C00/1222A 60335576/C1/C00/1224A 60335576/C1/C00/1225A 60335576/C1/C00/1226A

						60335576/C1/C00/1227A 60335576/C1/C00/1228A 60335576/C1/C00/1229 (b) Noise Barrier and Semi-enclosure: 60335576/C1/C00/6020A 60335576/C1/C00/6021A
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LEGEND:

--- SITE BOUNDARY (CONTRACT NO.: ND/2019/01)

□ AREA EXCLUDED FROM SITE BOUNDARY

EP-470/2013
(CONTRACT NO. ND/2019/01)

EP-470/2013
(OTHER CONTRACT)

EP-467/2013/A
(OTHER CONTRACT)

EP-468/2013/A
(CONTRACT NO. ND/2019/01)

EP-468/2013/A
(OTHER CONTRACT)

EP-467/2013/A
(CONTRACT NO. ND/2019/01)

EP-466/2013
(CONTRACT NO. ND/2019/01)

EP-466/2013
(OTHER CONTRACT)

FOR WATERWORKS LAYOUT WITHIN THESE AREA SHALL REFER TO DRAWING NOS. 60335576/C1/C00/1450 TO 1595

BKREJV

TITLE OF DRAWING
ENVIRONMENTAL PERMITS IN RELATION TO CONTRACT NO.: ND/2019/01

CONTRACT TITLE:
CONTRACT NO.: ND/2019/01
KWU TUNG NORTH NEW DEVELOPMENT AREA, PHASE 1: SITE FORMATION AND INFRASTRUCTURE WORKS

CLIENT
土木工務拓展署
Civil Engineering and Development Department

CONSULTANT
AECOM Asia Company Ltd.
www.aecom.com

SUB-CONSULTANTS

ISSUE/REVISION

STATUS

SCALE **DIMENSION UNIT**
A1 1 : 5000 METRES

KEY PLAN

PROJECT NO. **CONTRACT NO.**
60335576 ND/2019/01

SHEET TITLE
PLAN FOR ENVIRONMENTAL PERMITS

SHEET NUMBER
60335576/C1/C00/1081-1

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LEGEND:

**WORK BOUNDARY OF
EP-468/2013/A
(CONTRACT NO.: ND/2019/01)**

NOTE:

1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60335576/C1/C00/1101.

BKREJV

TITLE OF DESIGNATED PROJECT:

KWU TUNG NORTH NEW
DEVELOPMENT AREA ROAD D1 TO
D5

CONTRACT TITLE:

**CONTRACT NO.: ND/2019/01
KWU TUNG NORTH NEW
DEVELOPMENT AREA, PHASE 1:
SITE FORMATION AND
INFRASTRUCTURE WORKS**

CLIENT

土木 工程 拓展 署
CEDD
Civil Engineering and
Development Department

CONSULTANT

AECOM Asia Company Ltd.
www.aecom.com

SUB-CONSULTANTS

分列工程顧問公司

STATUS

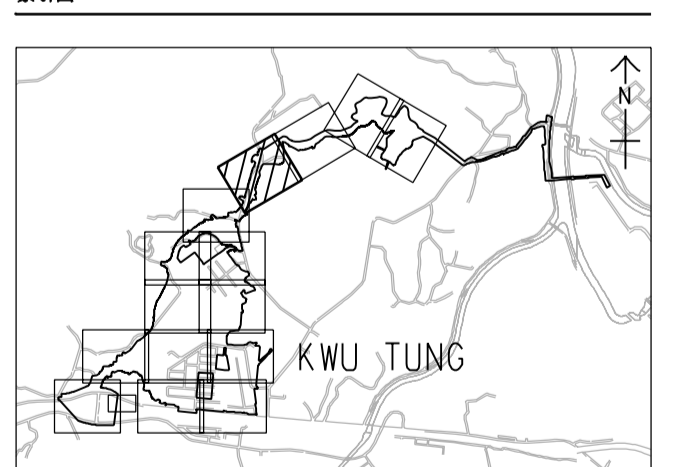
擬定

SCALE

比例

A3 1:1000

KEY PLAN A1 1:40000



PROJECT NO.

項目編號
60335576

CONTRACT NO.

合約編號
ND/2019/01

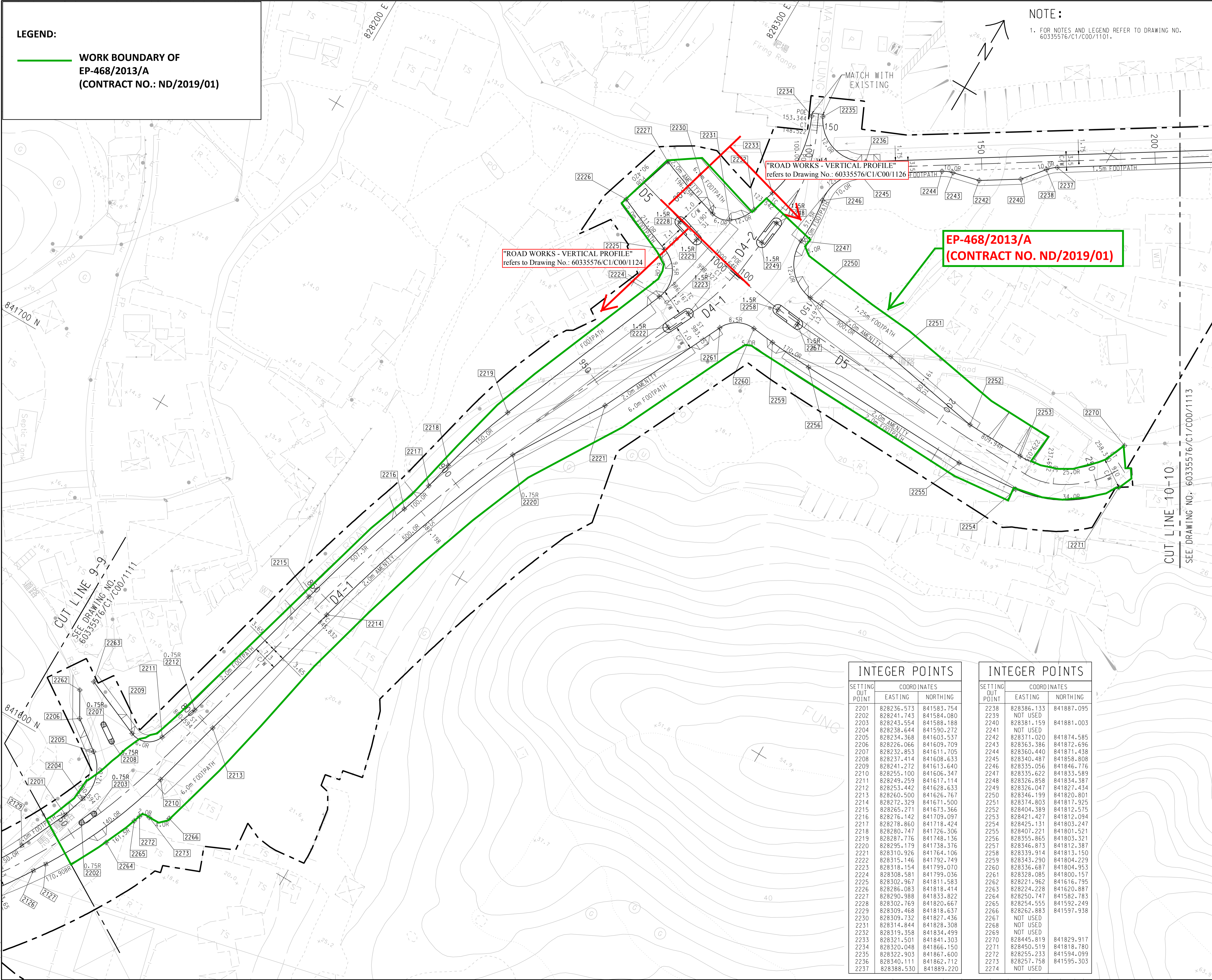
SHEET TITLE

圖紙名稱
ROAD SETTING OUT PLAN

SHEET NUMBER

圖紙編號
60335576/C1/C00/1112A

SHEET 12 OF 15



"ROAD WORKS - VERTICAL PROFILE"
refers to Drawing No.: 60335576/C1/C00/1124

"ROAD WORKS - VERTICAL PROFILE"
refers to Drawing No.: 60335576/C1/C00/1126

**EP-468/2013/A
(CONTRACT NO. ND/2019/01)**

INTEGER POINTS

SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
2201	828236.573	841583.754
2202	828241.743	841584.080
2203	828243.554	841588.188
2204	828238.644	841590.272
2205	828234.368	841603.537
2206	828226.066	841609.709
2207	828232.853	841611.705
2208	828237.414	841608.633
2209	828241.272	841613.640
2210	828255.100	841606.347
2211	828249.259	841617.114
2212	828253.442	841628.633
2213	828260.500	841626.767
2214	828272.329	841671.500
2215	828265.271	841673.366
2216	828276.142	841709.097
2217	828278.860	841718.424
2218	828280.747	841726.306
2219	828287.776	841748.136
2220	828295.179	841738.376
2221	828310.926	841764.106
2222	828315.146	841792.749
2223	828318.154	841799.070
2224	828308.581	841799.036
2225	828302.967	841811.583
2226	828286.083	841818.414
2227	828290.988	841833.822
2228	828302.769	841820.667
2229	828309.468	841818.637
2230	828309.732	841827.436
2231	828314.844	841828.308
2232	828319.358	841834.499
2233	828321.501	841841.303
2234	828320.048	841866.150
2235	828322.903	841867.600
2236	828340.111	841862.712
2237	828388.530	841889.220

INTEGER POINTS

SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
2238	828386.133	841887.095
2239	NOT USED	
2240	828381.159	841881.003
2241	NOT USED	
2242	828371.020	841874.585
2243	828363.386	841872.696
2244	828360.440	841871.438
2245	828340.487	841858.808
2246	828335.056	841846.776
2247	828335.622	841833.589
2248	828326.858	841834.387
2249	828326.047	841827.434
2250	828346.199	841820.881
2251	828374.803	841817.925
2252	828404.389	841812.575
2253	828421.427	841812.094
2254	828425.131	841803.247
2255	828407.221	841801.521
2256	828355.865	841803.321
2257	828346.873	841812.387
2258	828339.914	841813.150
2259	828343.290	841804.229
2260	828336.687	841804.953
2261	828328.085	841800.157
2262	828221.962	841616.795
2263	828242.228	841620.881
2264	828374.747	841582.783
2265	828254.555	841592.249
2266	828262.883	841597.938
2267	NOT USED	
2268	NOT USED	
2269	NOT USED	
2270	828445.819	841829.917
2271	828450.519	841818.780
2272	828255.233	841594.099
2273	828257.758	841595.303
2274	NOT USED	

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NOTE:

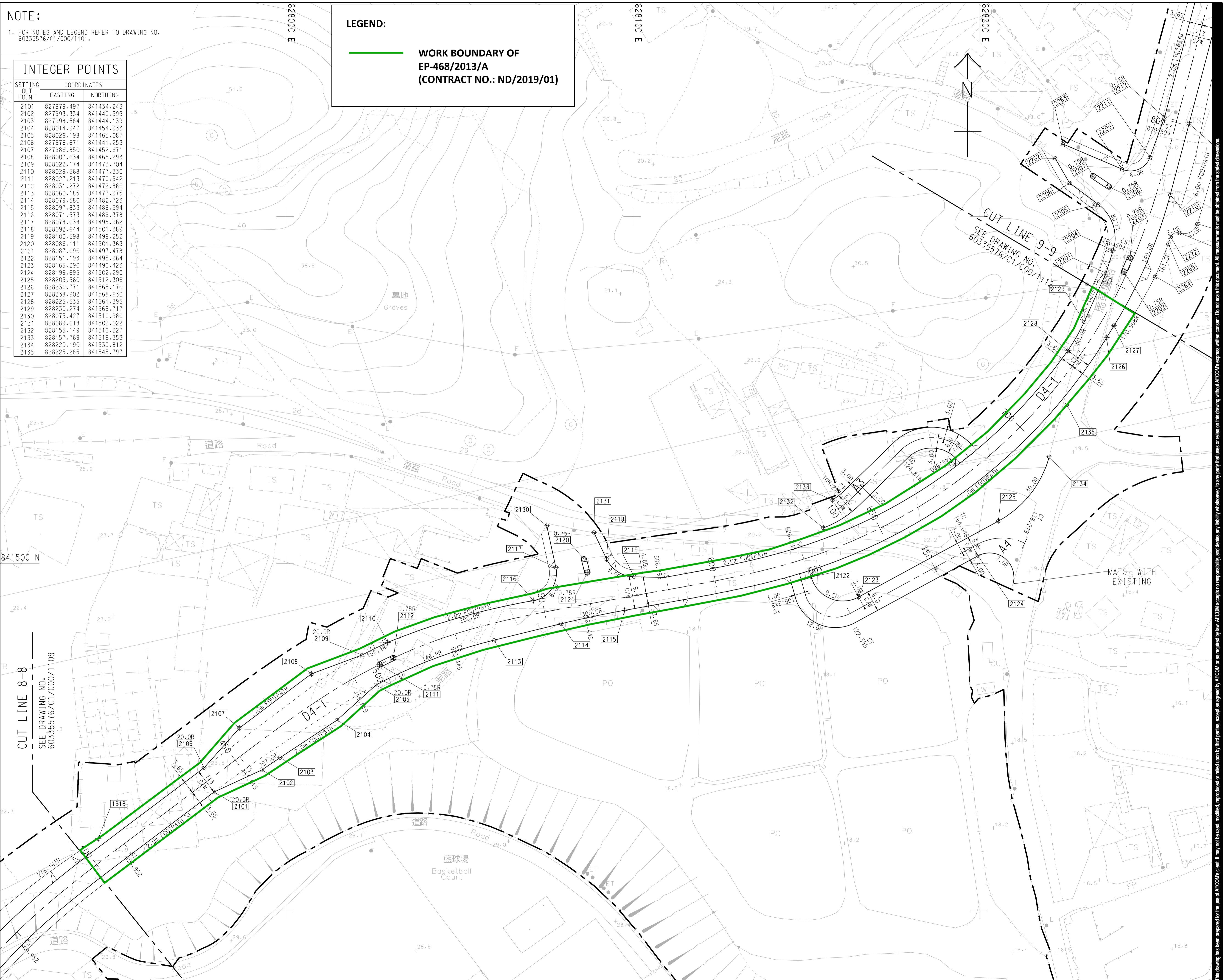
1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60335576/C1/C00/1101.

INTEGER POINTS

SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
2101	827979.497	841434.243
2102	827993.334	841440.595
2103	827998.584	841444.139
2104	828014.947	841454.933
2105	828026.198	841465.087
2106	827976.671	841441.253
2107	827986.850	841452.671
2108	828007.634	841468.293
2109	828022.174	841473.704
2110	828029.568	841477.330
2111	828027.213	841470.942
2112	828031.272	841472.886
2113	828060.185	841477.975
2114	828079.580	841482.723
2115	828097.833	841486.594
2116	828071.573	841489.378
2117	828078.038	841498.962
2118	828092.644	841501.389
2119	828100.598	841496.252
2120	828086.111	841501.363
2121	828087.096	841497.478
2122	828151.193	841495.964
2123	828165.290	841490.423
2124	828199.695	841502.290
2125	828205.560	841512.306
2126	828236.771	841565.176
2127	828238.902	841568.630
2128	828225.535	841561.395
2129	828230.274	841569.717
2130	828075.427	841510.980
2131	828089.018	841509.022
2132	828155.149	841510.327
2133	828157.769	841518.353
2134	828220.190	841530.812
2135	828225.285	841545.797

LEGEND:

 **WORK BOUNDARY OF EP-468/2013/A (CONTRACT NO.: ND/2019/01)**



BKREJV

TITLE OF DESIGNATED PROJECT:
KWU TUNG NORTH NEW DEVELOPMENT AREA ROAD D1 TO D5

CONTRACT TITLE:
CONTRACT NO.: ND/2019/01
DEVELOPMENT AREA, PHASE 1:
SITE FORMATION AND INFRASTRUCTURE WORKS

CLIENT

 **土木工程拓展署**
Civil Engineering and Development Department

CONSULTANT

 **AECOM Asia Company Ltd.**
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SUB-CONSULTANTS

分列工程顧問公司

STATUS

圖則

SCALE

比例

A3 1:1000

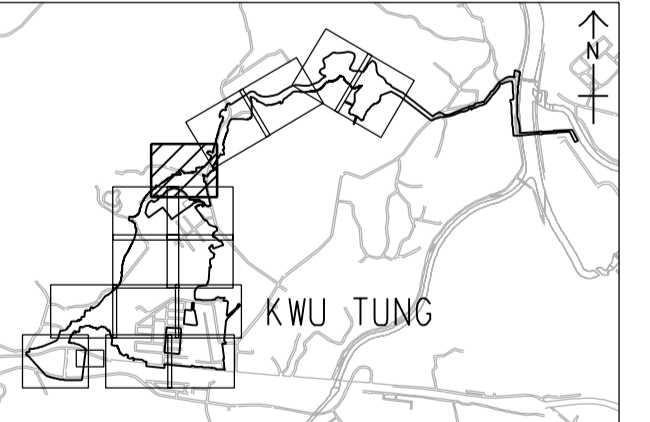
DIMENSION UNIT

尺寸單位

METRES

KEY PLAN A1 1:40000

索引圖



PROJECT NO.

項目編號

60335576

CONTRACT NO.

合約編號

ND/2019/01

SHEET TITLE

圖則名稱

ROAD SETTING OUT PLAN

圖則編號

A

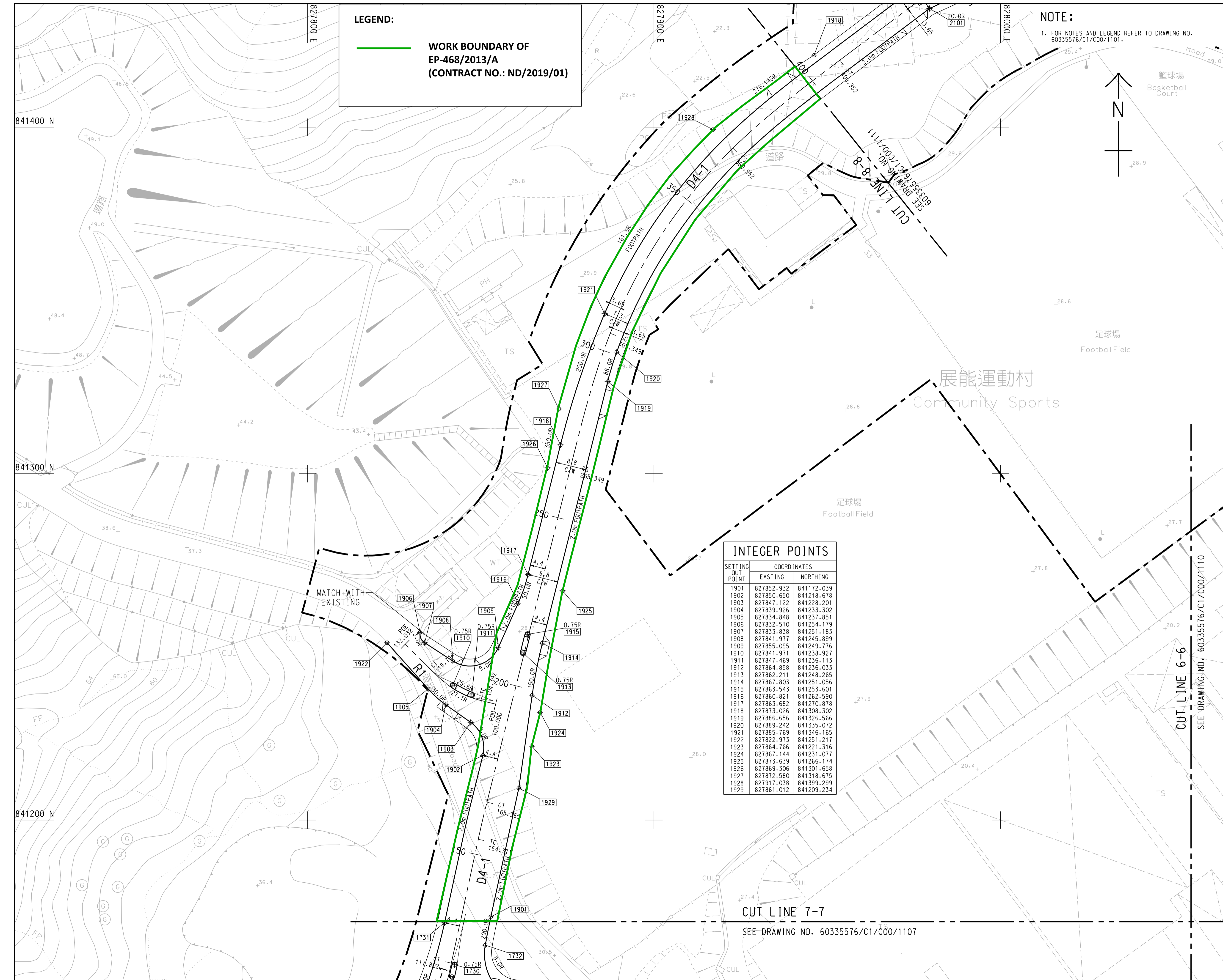
SHEET NUMBER

圖則編號

60335576/C1/C00/1111A

SHEET 11 OF 15

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LEGEND:

— WORK BOUNDARY OF EP-468/2013/A (CONTRACT NO.: ND/2019/01)

NOTE:
1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60335576/C1/C00/1101.

INTEGER POINTS

SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
1901	827852.932	841172.039
1902	827850.650	841218.678
1903	827847.122	841228.201
1904	827839.926	841233.302
1905	827834.848	841237.851
1906	827832.510	841254.179
1907	827833.838	841251.183
1908	827841.977	841245.899
1909	827855.095	841249.776
1910	827841.971	841238.927
1911	827847.469	841236.113
1912	827864.858	841236.033
1913	827862.211	841248.265
1914	827867.803	841251.056
1915	827863.543	841253.601
1916	827860.821	841262.590
1917	827863.682	841270.878
1918	827873.026	841308.302
1919	827886.656	841326.566
1920	827889.242	841335.072
1921	827885.769	841346.165
1922	827822.973	841251.217
1923	827864.766	841221.316
1924	827867.144	841231.077
1925	827873.639	841266.174
1926	827869.306	841301.658
1927	827872.580	841318.675
1928	827917.038	841399.299
1929	827861.012	841209.234

BKREJV

TITLE OF DESIGNATED PROJECT:
KWU TUNG NORTH NEW DEVELOPMENT AREA ROAD D1 TO D5

CONTRACT TITLE:
CONTRACT NO.: ND/2019/01
KWU TUNG NORTH NEW DEVELOPMENT AREA, PHASE 1: SITE FORMATION AND INFRASTRUCTURE WORKS

CLIENT
土木工程拓展署
Civil Engineering and Development Department

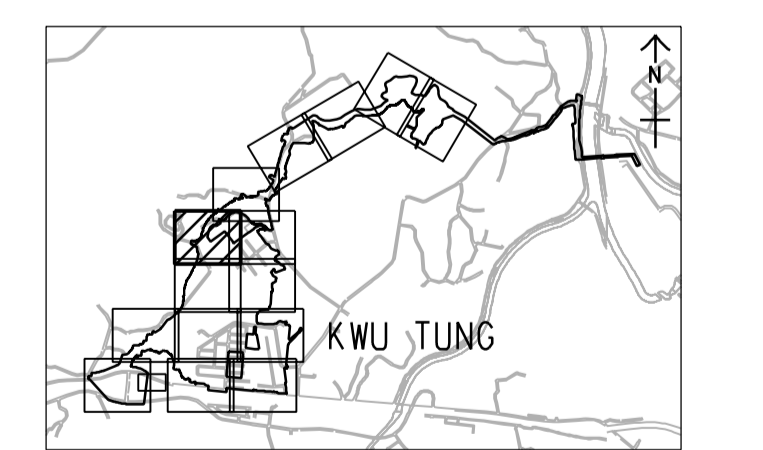
CONSULTANT
AECOM Asia Company Ltd.
www.aecom.com

SUB-CONSULTANTS
分判工程顧問公司

STATUS
擬定

SCALE **DIMENSION UNIT**
A3 1:1000 METRES

KEY PLAN A1 1:40000



PROJECT NO. 60335576
CONTRACT NO. ND/2019/01

SHEET TITLE
ROAD SETTING OUT PLAN

SHEET NUMBER
60335576/C1/C00/1109A

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SEE DRAWING NO. 60335576/C1/C00/1107

SEE DRAWING NO. 60335576/C1/C00/1110

NOTE:

1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60335576/C1/C00/1107.

"ROAD WORKS - VERTICAL PROFILE" refers to Drawing No.: 60335576/C1/C00/1124

"ROAD WORKS - VERTICAL PROFILE" refers to Drawing No.: 60335576/C1/C00/1125

CUT LINE 7-7

SEE DRAWING NO. 60335576/C1/C00/1109

CUT LINE 6-6
SEE DRAWING NO. 60335576/C1/C00/1108

841100 N

841000 N

CUT LINE 5-5

SEE DRAWING NO. 60335576/C1/C00/1105

INTEGER POINTS

SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
1701	827770.932	840924.780
1702	827777.469	840934.452
1703	827799.459	840940.643
1704	827791.706	840942.193
1705	827799.954	840982.962
1706	827800.584	840983.921
1707	827792.424	840984.074
1708	827781.104	840986.823
1709	827781.009	841014.210
1710	827791.771	841010.632
1711	827799.030	841009.004
1712	827800.395	841015.189
1713	827796.795	841077.520
1714	827808.530	841099.648
1715	827811.432	841115.996
1716	827826.674	841134.156
1717	827835.218	841130.439
1718	827830.706	841124.881
1719	827825.571	841114.791
1720	827834.333	841125.394
1721	827813.149	841066.880
1722	827822.328	841087.416
1723	827818.064	841095.871
1724	827825.388	841108.897
1725	827842.245	841121.660
1726	827861.084	841129.165
1727	827859.167	841138.101
1728	827852.203	841138.805
1729	827841.732	841154.850
1730	827842.475	841158.271

INTEGER POINTS

SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
1731	827839.573	841170.352
1732	827851.339	841163.894
1733	827864.609	841146.396
1734	827910.405	841141.769
1735	827920.671	841140.785
1736	827929.825	841125.431
1737	827946.566	841125.926
1738	827956.663	841127.076
1739	827987.178	841127.428
1740	828012.575	841132.456
1741	828016.892	841124.609
1742	828033.025	841131.506
1743	828041.827	841126.140
1744	828047.305	841125.643
1745	827828.608	841084.313
1746	827844.603	841117.743
1747	828020.696	841110.648
1748	828008.339	840929.948
1749	827844.603	841117.743
1750	828020.696	841110.648
1751	828032.204	841122.443
1752	827844.820	841124.271
1753	827835.723	841111.352
1754	827970.302	841124.002
1755	828030.898	841112.420
1756	827962.535	841120.700
1757	827981.454	841120.918
1758	828012.851	841121.084
1759	828016.427	841121.764
1760	828040.329	841119.598

LEGEND:

WORK BOUNDARY OF EP-468/2013/A (CONTRACT NO.: ND/2019/01)

BKREJV

TITLE OF DESIGNATED PROJECT:

KWU TUNG NORTH NEW DEVELOPMENT AREA ROAD D1 TO D5

CONTRACT TITLE:

CONTRACT NO.: ND/2019/01
KWU TUNG NORTH NEW DEVELOPMENT AREA, PHASE 1: SITE FORMATION AND INFRASTRUCTURE WORKS

CLIENT

土木工務發展署
Civil Engineering and Development Department

CONSULTANT

AECOM Asia Company Ltd.
www.aecom.com

SUB-CONSULTANTS

分列工程顧問公司

STATUS

擬定

SCALE

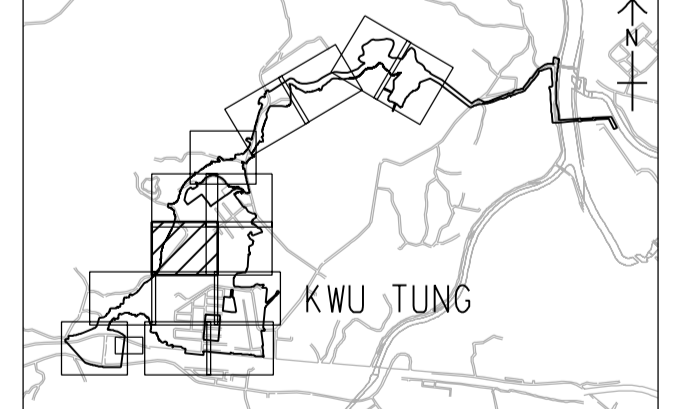
A3 1:1000

DIMENSION UNIT

METRES

KEY PLAN

A1 1:40000



PROJECT NO.

60335576

CONTRACT NO.

ND/2019/01

SHEET TITLE

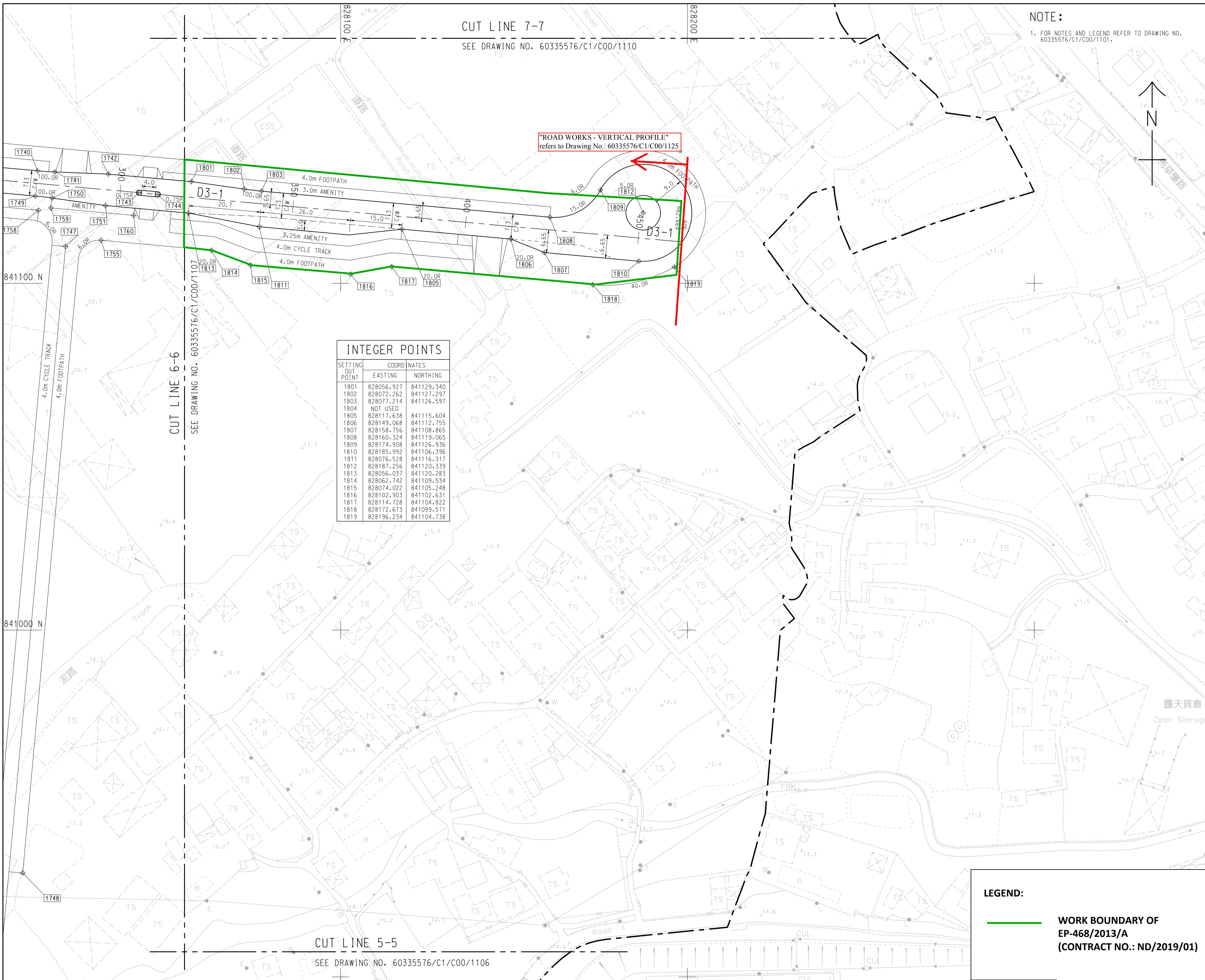
ROAD SETTING OUT PLAN

SHEET 7 OF 15

SHEET NUMBER

60335576/C1/C00/1107B

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NOTE:
1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60335576/C1/C00/1101.

"ROAD WORKS - VERTICAL PROFILE"
refers to Drawing No.: 60335576/C1/C00/1125

SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
1801	828056.927	841129.340
1802	828072.262	841127.297
1803	828077.214	841126.597
1804	NOT USED	
1805	828117.638	841115.604
1806	828149.068	841112.755
1807	828158.756	841108.865
1808	828160.324	841119.065
1809	828174.908	841126.936
1810	828185.992	841106.396
1811	828076.528	841116.317
1812	828187.256	841120.339
1813	828056.037	841120.283
1814	828062.742	841109.534
1815	828074.022	841105.248
1816	828102.903	841102.631
1817	828114.728	841104.822
1818	828172.673	841099.571
1819	828196.234	841104.738

BKREJV

TITLE OF DESIGNATED PROJECT:
KWU TUNG NORTH NEW
DEVELOPMENT AREA ROAD D1 TO
D5

CONTRACT TITLE:
CONTRACT NO.: ND/2019/01
KWU TUNG NORTH NEW
DEVELOPMENT AREA, PHASE 1:
**SITE FORMATION AND
INFRASTRUCTURE WORKS**

CLIENT
業主
CEDD 土木工程拓展署
Civil Engineering and
Development Department

CONSULTANT
工程顧問公司
AECOM Asia Company Ltd.
www.aecom.com

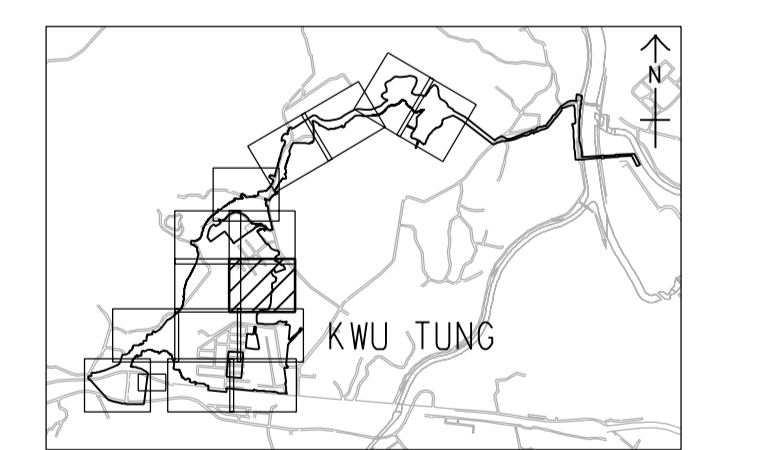
SUB-CONSULTANTS
分判工程顧問公司

STATUS
編製

SCALE 比例
A3 1:1000

DIMENSION UNIT 尺寸單位
METRES

KEY PLAN 索引圖
A1 1:40000




PROJECT NO. 項目編號
60335576

CONTRACT NO. 合約編號
ND/2019/01

SHEET TITLE 圖紙名稱
ROAD SETTING OUT PLAN

SHEET NUMBER 圖紙編號
60335576/C1/C00/1108B

LEGEND:

 **WORK BOUNDARY OF EP-468/2013/A (CONTRACT NO.: ND/2019/01)**

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INTEGER POINTS

SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
1401	827500.207	840701.497
1402	827508.313	840718.962
1403	827525.404	840720.168
1404	827509.751	840712.121
1405	827526.249	840714.227
1406	827535.089	840717.097
1407	827539.992	840719.781
1408	827545.027	840720.118
1409	827548.284	840730.916
1410	827547.983	840724.207
1411	827551.335	840722.474
1412	827556.085	840722.099
1413	827556.222	840706.582
1414	827568.844	840701.661
1415	827585.366	840701.196
1416	827584.773	840703.405
1417	827619.212	840690.636
1418	827572.627	840719.555
1419	827582.428	840719.360
1420	827580.044	840725.255
1421	827576.774	840739.487
1422	827577.883	840746.741
1423	827577.740	840756.428
1424	827579.835	840758.823
1425	827580.818	840766.055
1426	827586.094	840770.478
1427	827593.393	840774.114
1428	827617.060	840778.600
1429	827621.267	840778.825
1430	827623.356	840779.396

INTEGER POINTS

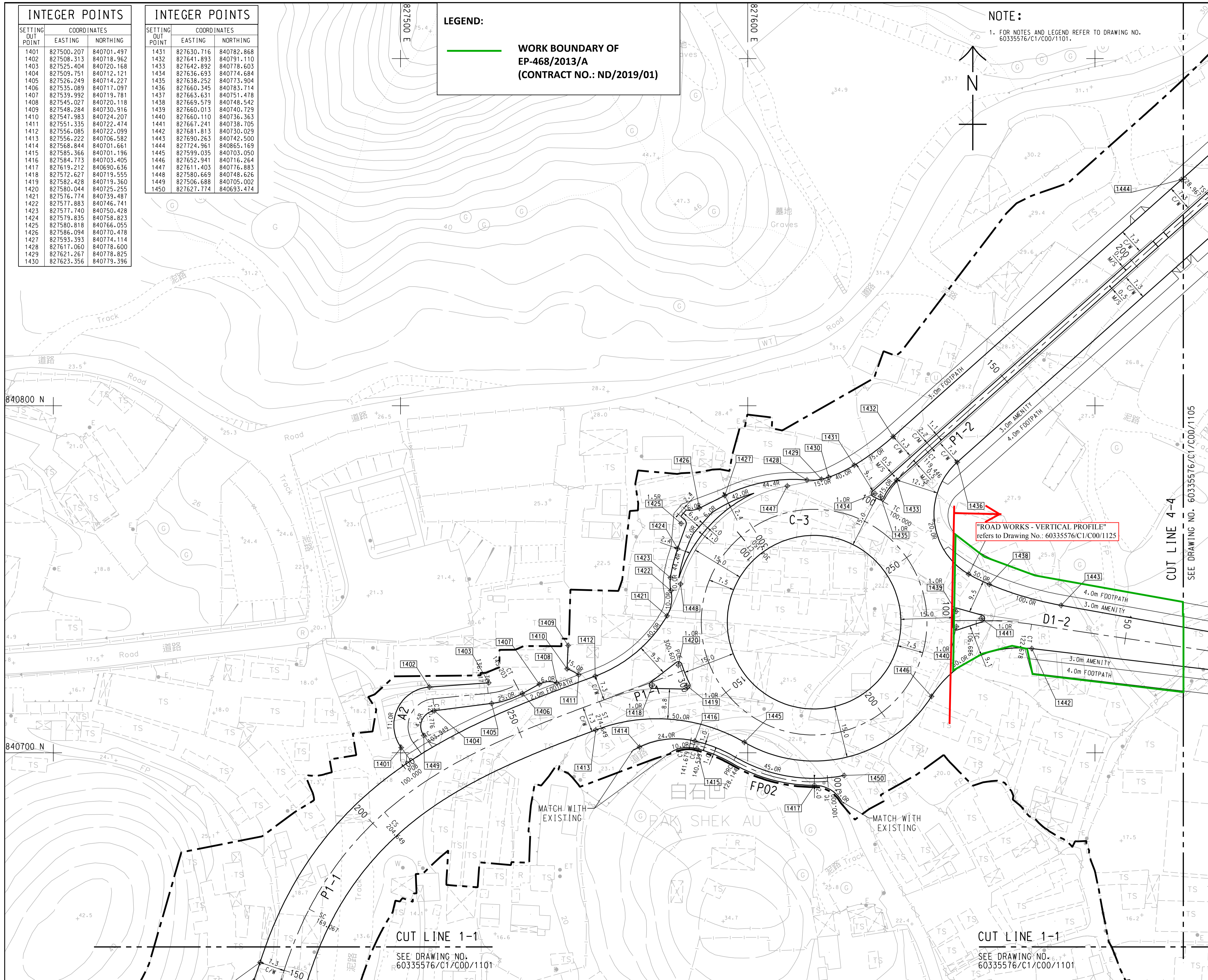
SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
1431	827630.716	840782.868
1432	827641.893	840791.110
1433	827642.892	840778.603
1434	827636.693	840774.684
1435	827638.252	840773.904
1436	827660.345	840783.714
1437	827663.631	840751.478
1438	827669.579	840748.542
1439	827660.013	840740.729
1440	827660.110	840736.363
1441	827667.241	840738.705
1442	827681.813	840730.029
1443	827690.263	840742.500
1444	827724.961	840865.169
1445	827599.035	840703.050
1446	827652.941	840716.264
1447	827611.403	840776.883
1448	827580.669	840748.626
1449	827506.688	840705.002
1450	827627.774	840693.474

LEGEND:

 **WORK BOUNDARY OF EP-468/2013/A (CONTRACT NO.: ND/2019/01)**

NOTE:

1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60335576/C1/C00/1101.



BKREJV

TITLE OF DESIGNATED PROJECT:
KWU TUNG NORTH NEW DEVELOPMENT AREA ROAD D1 TO D5

CONTRACT TITLE:
CONTRACT NO.: ND/2019/01
KWU TUNG NORTH NEW DEVELOPMENT AREA, PHASE 1: SITE FORMATION AND INFRASTRUCTURE WORKS

CLIENT
土木工程拓展署
CEDD Civil Engineering and Development Department

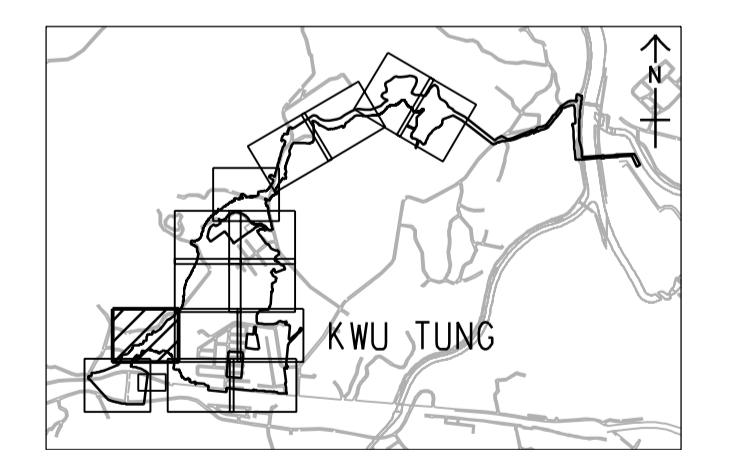
CONSULTANT
AECOM Asia Company Ltd.
www.aecom.com

SUB-CONSULTANTS
分判工程顧問公司

STATUS
擬定

SCALE **DIMENSION UNIT**
A3 1:1000 METRES

KEY PLAN A1 1:40000

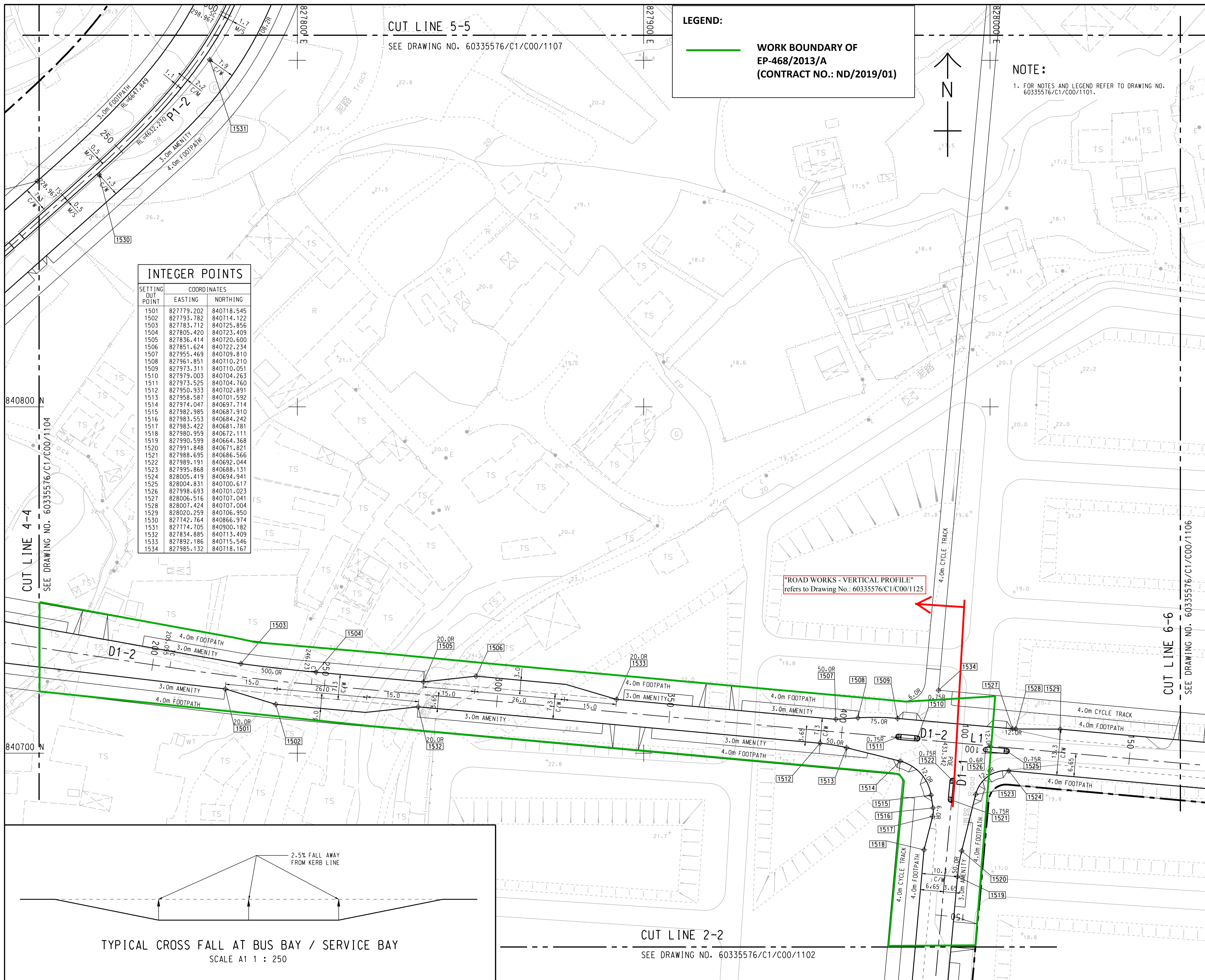
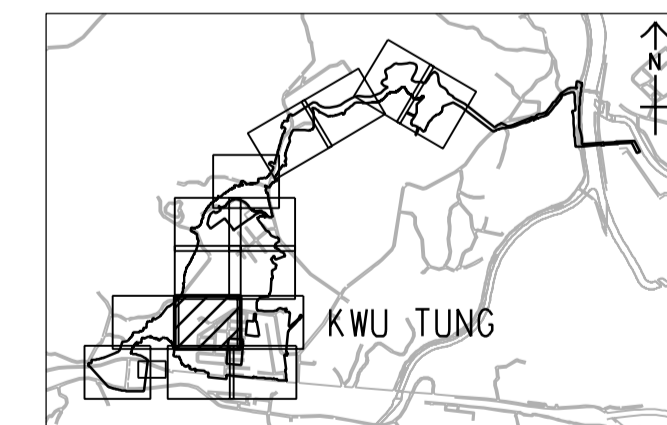


PROJECT NO. 60335576
CONTRACT NO. ND/2019/01

SHEET TITLE
ROAD SETTING OUT PLAN

SHEET NUMBER
60335576/C1/C00/1104A

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LEGEND:

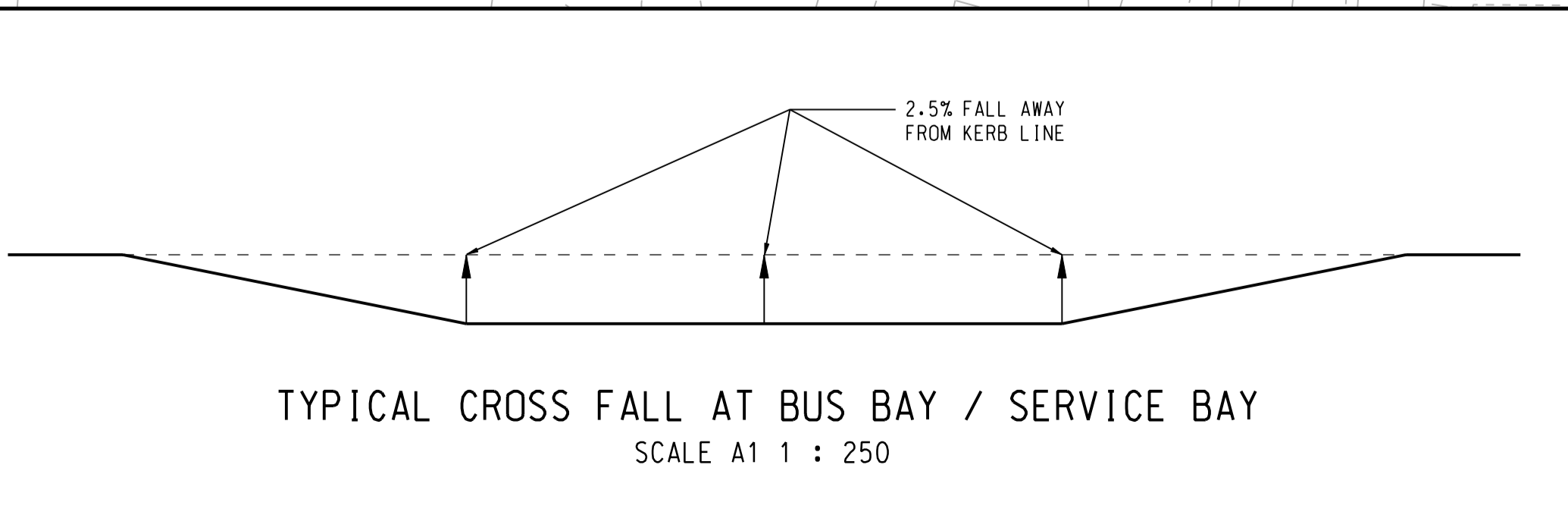
—— WORK BOUNDARY OF EP-468/2013/A (CONTRACT NO.: ND/2019/01)

NOTE:

1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60335576/C1/C00/1101.

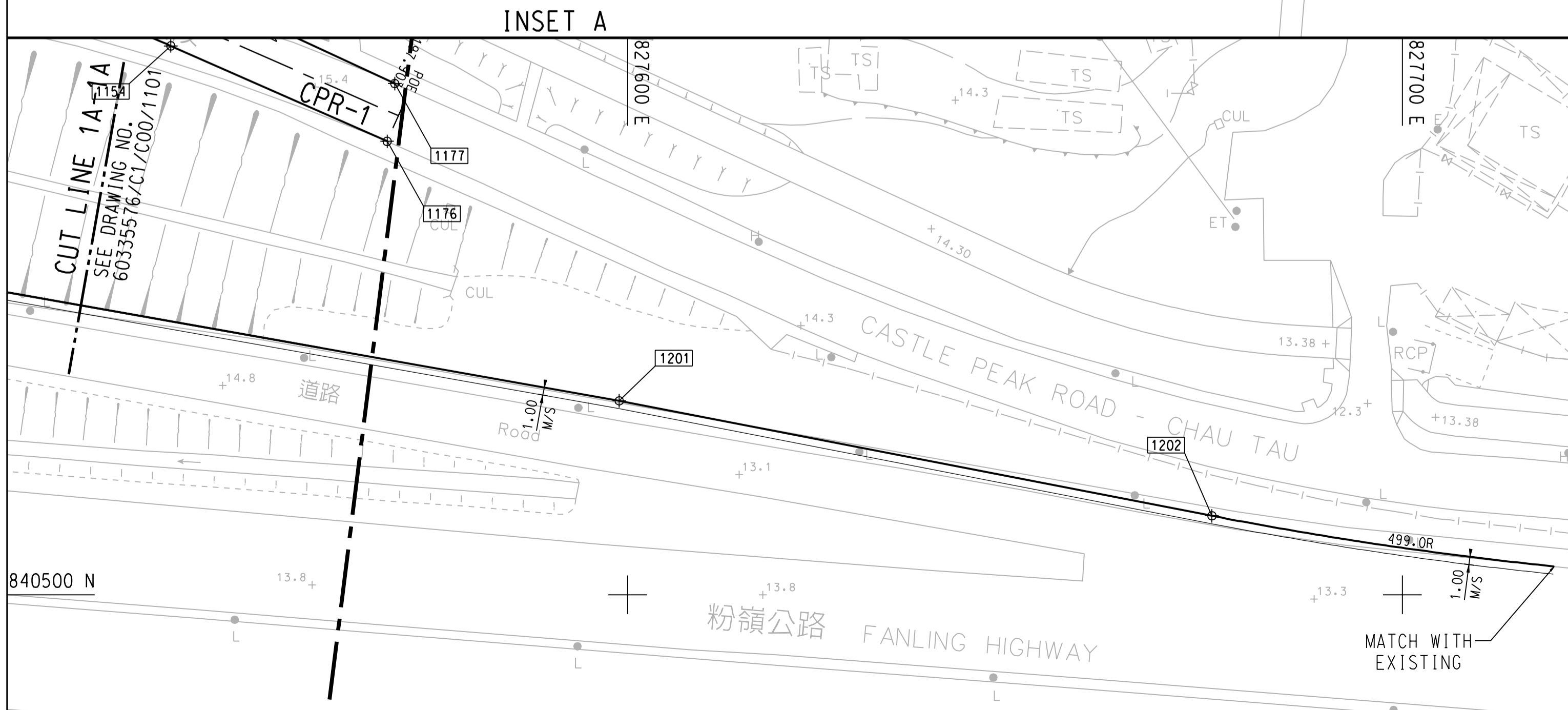
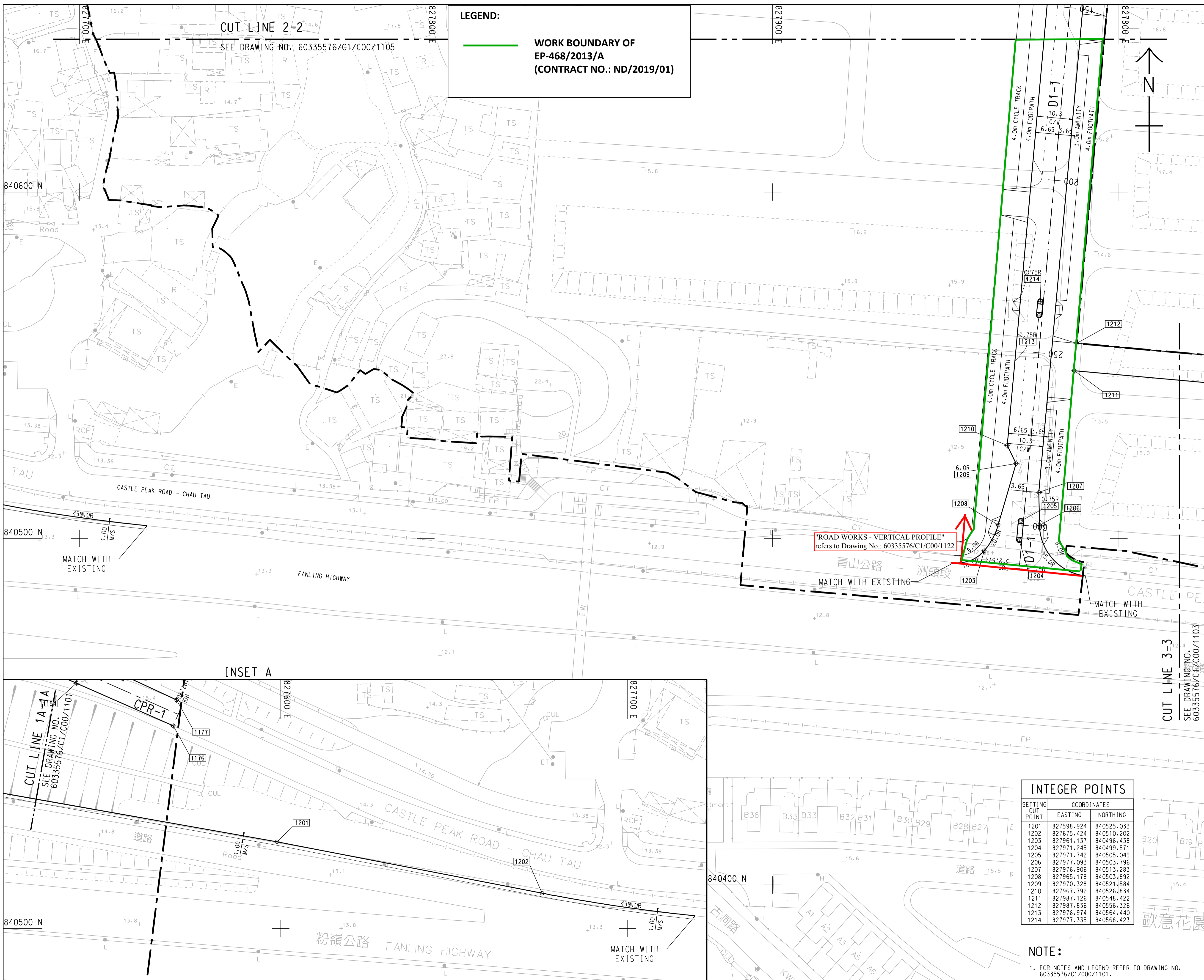
INTEGER POINTS

SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
1501	827779.202	840718.545
1502	827793.782	840714.122
1503	827783.712	840725.856
1504	827805.420	840723.409
1505	827836.414	840720.600
1506	827851.624	840722.234
1507	827955.469	840709.810
1508	827961.851	840710.210
1509	827973.311	840710.051
1510	827979.003	840704.263
1511	827973.525	840704.760
1512	827950.933	840702.891
1513	827958.587	840701.592
1514	827974.047	840697.714
1515	827982.985	840687.910
1516	827983.553	840684.242
1517	827983.422	840681.781
1518	827980.959	840672.111
1519	827990.599	840664.368
1520	827991.848	840671.821
1521	827988.635	840686.566
1522	827993.311	840692.044
1523	827995.868	840688.131
1524	828005.419	840694.941
1525	828004.831	840700.617
1526	827998.693	840701.023
1527	828006.516	840707.041
1528	828007.424	840707.004
1529	828020.259	840706.950
1530	827742.764	840866.974
1531	827774.705	840900.182
1532	827834.885	840713.409
1533	827892.186	840715.546
1534	827985.132	840718.167



"ROAD WORKS - VERTICAL PROFILE" refers to Drawing No.: 60335576/C1/C00/1125

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INTEGER POINTS

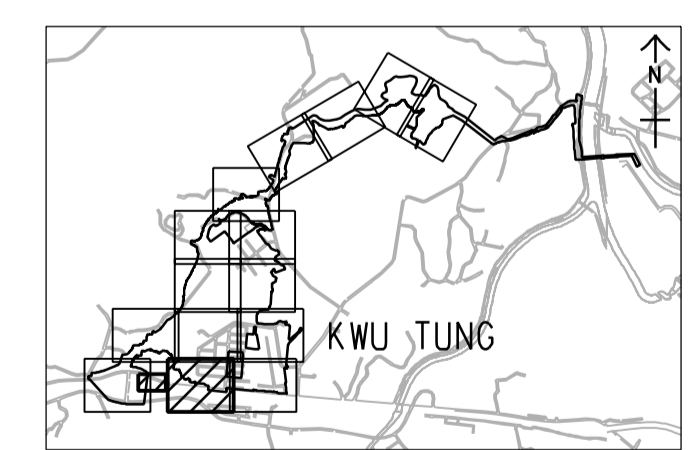
SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
1201	827598.924	840525.033
1202	827675.424	840510.202
1203	827961.137	840496.438
1204	827971.245	840499.571
1205	827971.742	840505.049
1206	827977.093	840503.796
1207	827976.906	840513.283
1208	827965.178	840503.892
1209	827970.328	840524.584
1210	827967.792	840526.834
1211	827987.126	840548.422
1212	827987.836	840556.326
1213	827976.974	840564.440
1214	827977.335	840568.423

NOTE:
1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60335576/C1/C00/1101.

STATUS
擬定

SCALE
比例
A3 1:1000
DIMENSION UNIT
尺寸單位
METRES

KEY PLAN A1 1:40000
索引圖

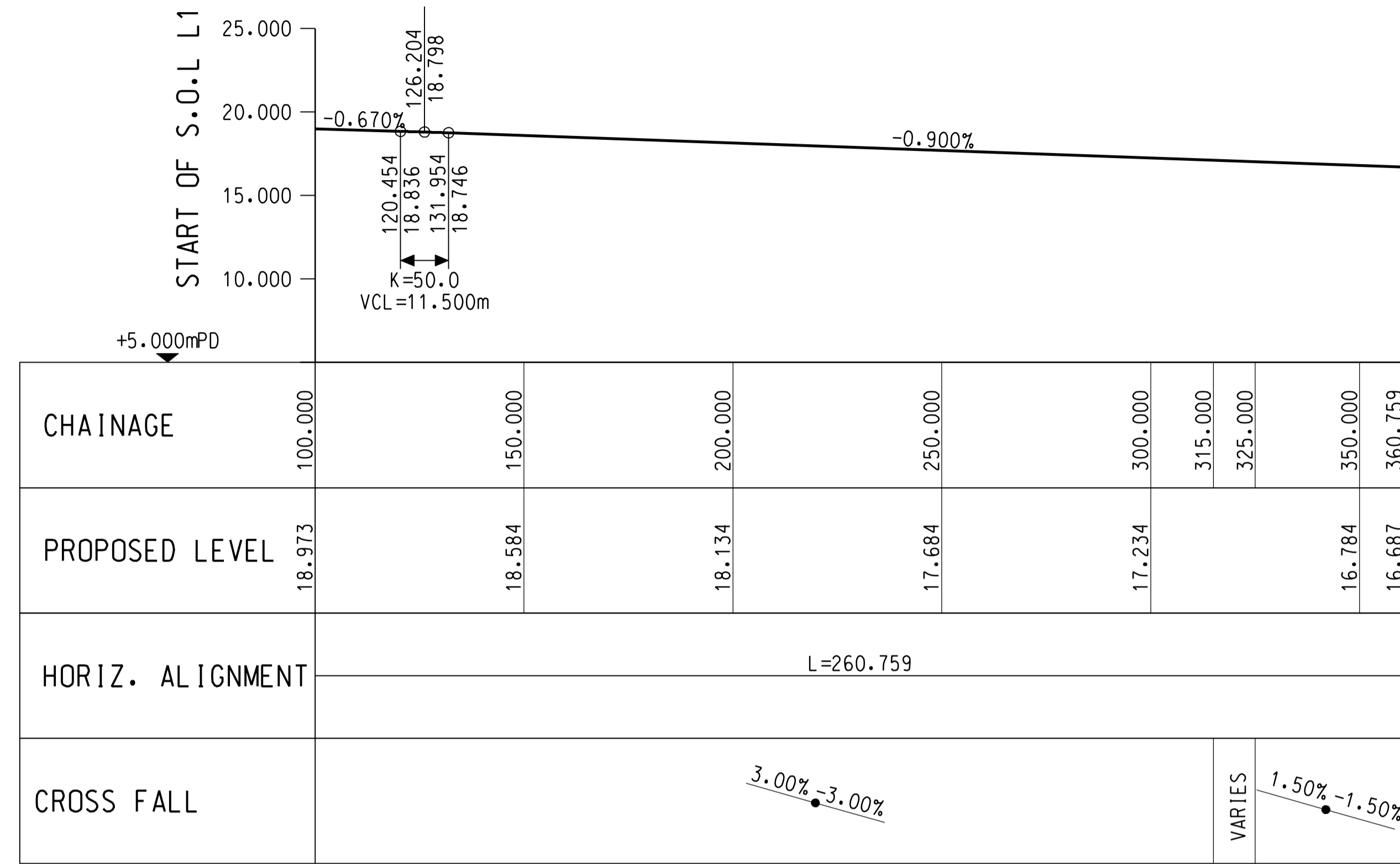


PROJECT NO. 項目編號
60335576
CONTRACT NO. 合約編號
ND/2019/01

SHEET TITLE 圖紙名稱
ROAD SETTING OUT PLAN

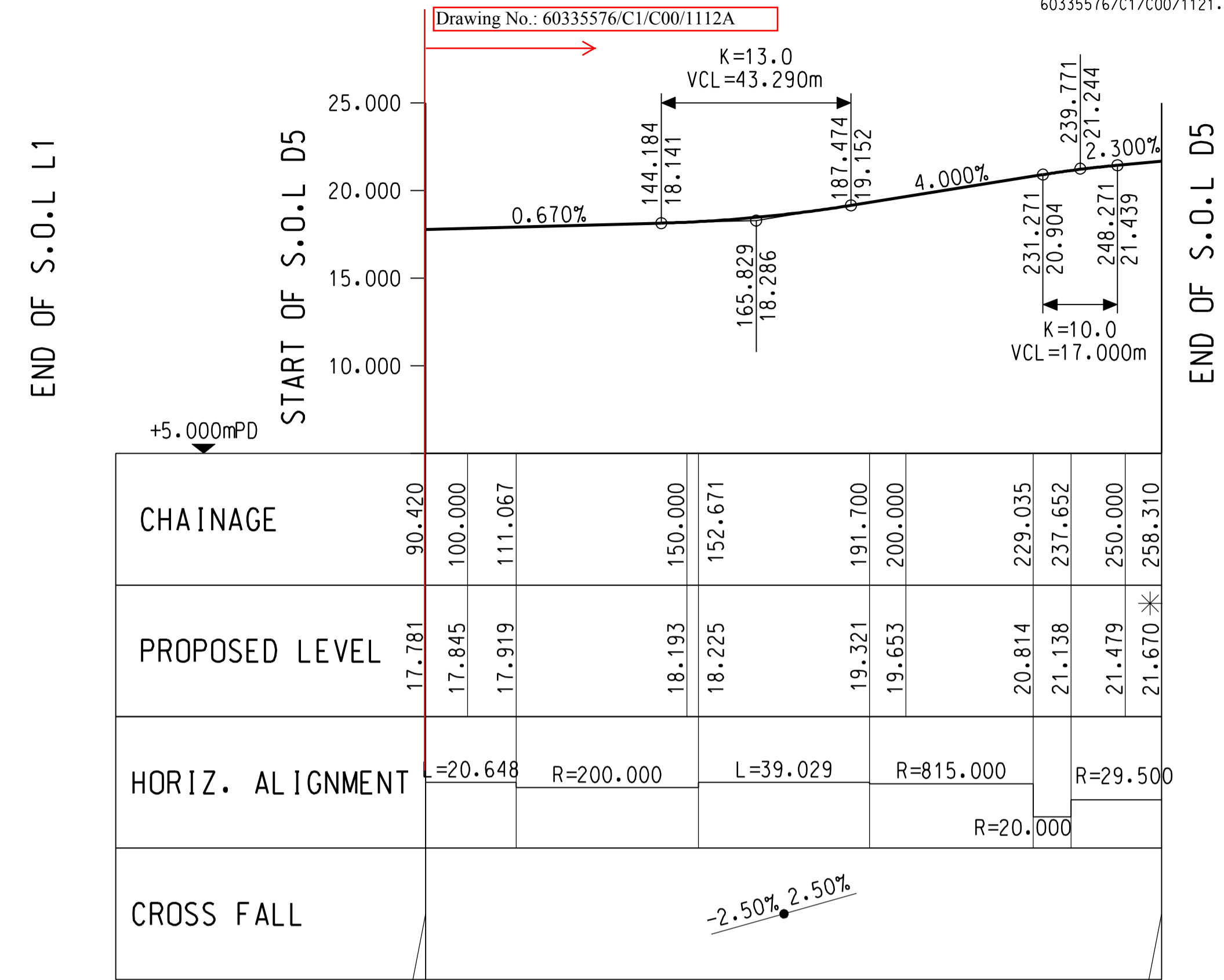
SHEET NUMBER 圖紙編號
60335576/C1/C00/1102A

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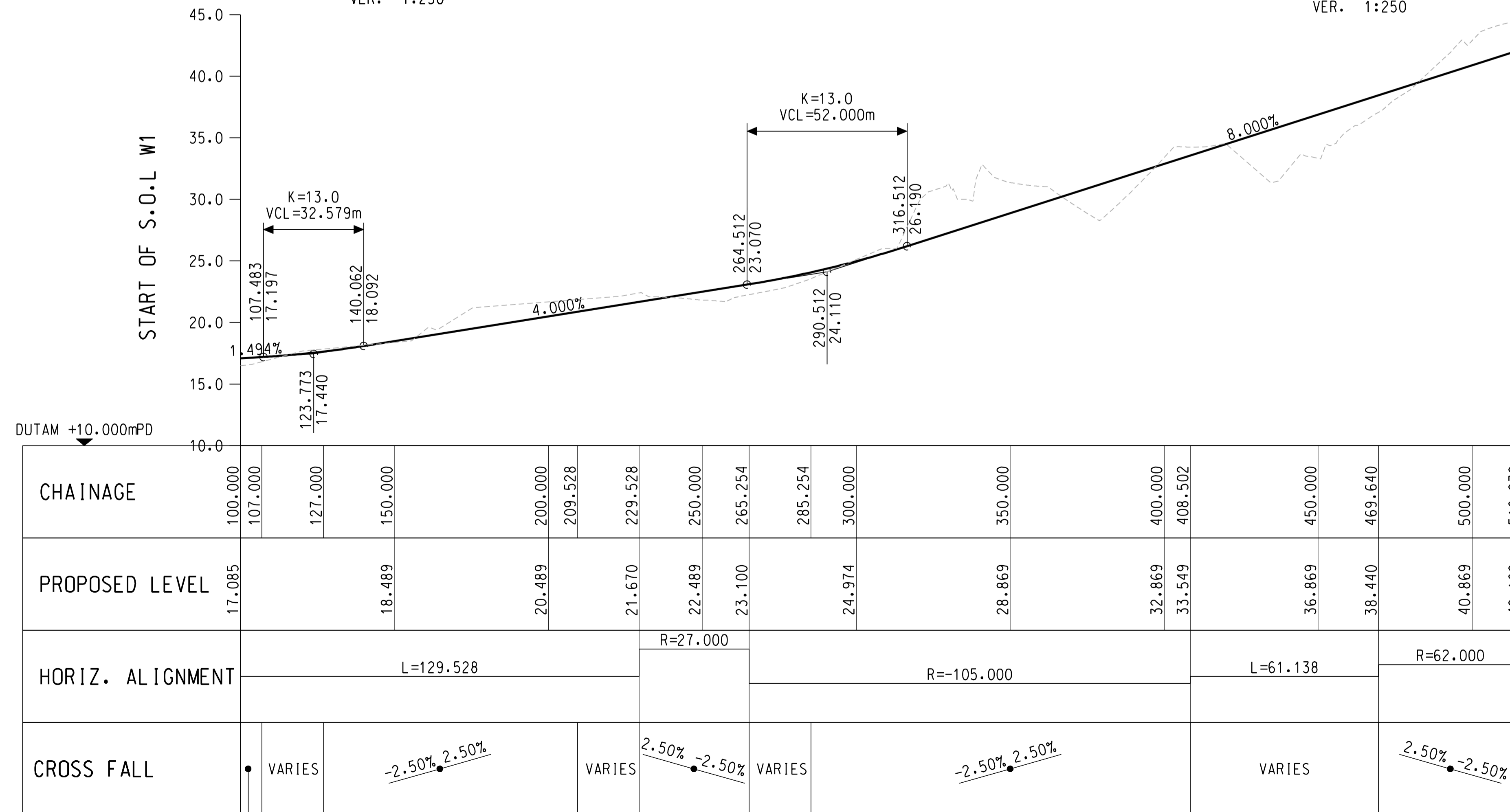
PROFILE ALONG THE SETTING OUT LINE L1

A1 SCALE HOR. 1:1000
 VER. 1:250



PROFILE ALONG THE SETTING OUT LINE D5

A1 SCALE HOR. 1:1000
 VER. 1:250



PROFILE ALONG THE SETTING OUT LINE W1

A1 SCALE HOR. 1:1000
 VER. 1:250

NOTE:

1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60335576/C1/C00/1121.

Drawing No.: 60335576/C1/C00/1112A

BKREJV

TITLE OF DESIGNATED PROJECT:

KWU TUNG NORTH NEW DEVELOPMENT AREA ROAD D1 TO D5

CONTRACT TITLE:

CONTRACT NO.: ND/2019/01
 KWU TUNG NORTH NEW DEVELOPMENT AREA, PHASE 1: SITE FORMATION AND INFRASTRUCTURE WORKS

CLIENT

土木工務發展署
 Civil Engineering and Development Department

CONSULTANT

AECOM Asia Company Ltd.
 www.aecom.com

SUB-CONSULTANTS

分列工程顧問公司

STATUS

擬定

SCALE

比例

A1 1:1000

KEY PLAN

索引圖

DIMENSION UNIT

尺寸單位

METRES

PROJECT NO.

項目編號

60335576

CONTRACT NO.

合約編號

ND/2019/01

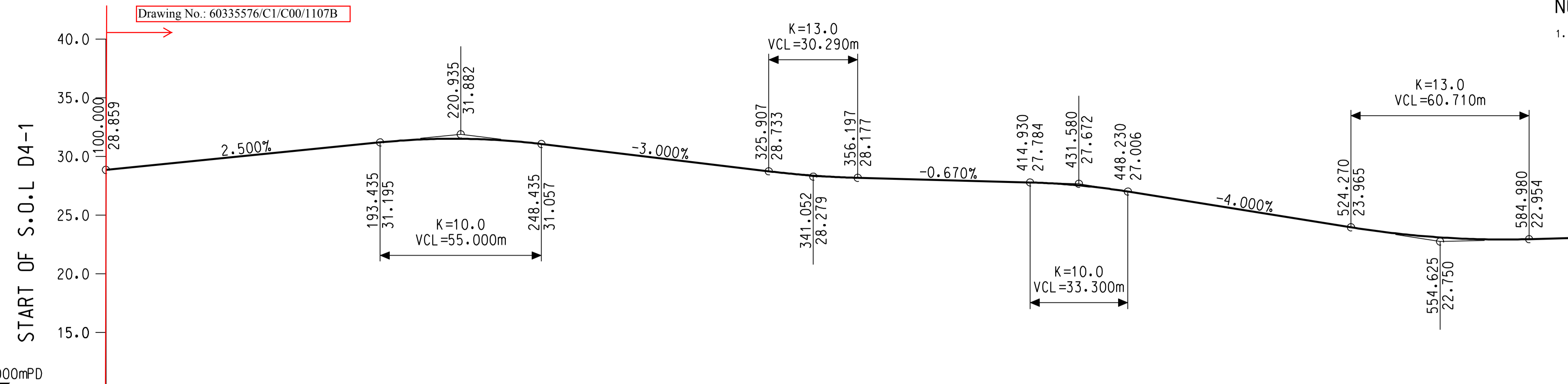
SHEET TITLE

圖紙名稱
 ROAD WORKS - VERTICAL PROFILE

SHEET NUMBER

圖紙編號
 60335576/C1/C00/1126

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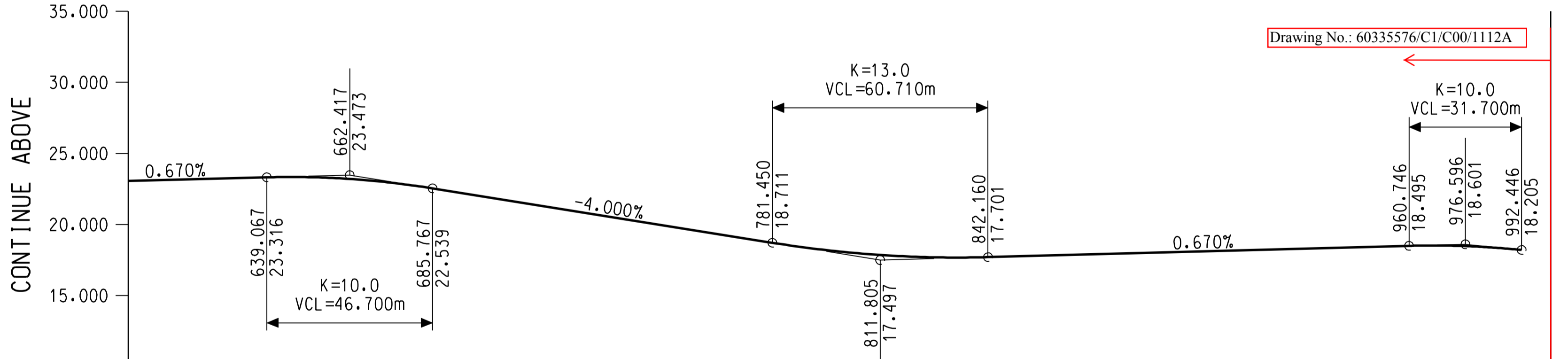
NOTE:
1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60335576/C1/C00/1121.

CONTINUE BELOW

CHAINAGE	100.000	117.802	150.000	154.371	165.365	200.000	250.000	265.349	300.000	305.349	350.000	369.952	400.000	409.952	450.000	451.619	491.619	500.000	523.445	550.000	563.445	586.293	600.000									
PROPOSED LEVEL	28.859	29.304	30.109	30.218	30.493	31.337	31.010	30.550	29.510	29.350	28.234	28.085	27.884	27.817	26.935	26.871	25.271	24.935	23.998	23.190	22.988	22.963	23.054									
HORIZ. ALIGNMENT	R=260.000		L=36.570		R=357.300		L=99.985		LS=40.000		R=153.650		LS=40.000		L=41.667		LS=40.000		R=153.650		LS=40.000		L=22.848		LS=40.000							
CROSS FALL	VARIES		2.50%		-2.50%		VARIES		5.70%		-5.70%		VARIES		2.50%		-2.50%		VARIES		5.70%		-5.70%		VARIES		3.00%		-3.00%		VARIES	

MATCH WITH P1-2 PAVEMENT

PROFILE ALONG THE SETTING OUT LINE D4-1
A1 SCALE HOR. 1:1000
VER. 1:250



CHAINAGE	600.000	626.293	650.000	662.417	685.767	700.000	750.000	760.594	800.000	800.594	820.000	845.832	850.000	887.198	900.000	950.000	960.000	983.757	986.167	998.327	1000.000	
PROPOSED LEVEL	23.054	23.231	23.330	23.473	22.539	21.969	19.969	19.546	18.102	18.087	17.775	17.753	18.002	18.088	18.423	18.423	18.384	18.342	18.342	18.327	18.205	
HORIZ. ALIGNMENT	LS=40.000		R=153.650		LS=40.000		L=45.238		R=500.000		LS=96.559		L=2.410		L=2.319		R=50.000					
CROSS FALL	VARIES		-5.00%		5.00%		VARIES		3.00%		-3.00%		VARIES									

MATCH WITH D5 PAVEMENT

PROFILE ALONG THE SETTING OUT LINE D4-1
A1 SCALE HOR. 1:1000
VER. 1:250

BKREJV

TITLE OF DESIGNATED PROJECT:
KWU TUNG NORTH NEW
DEVELOPMENT AREA ROAD D1 TO
D5

CONTRACT TITLE:
CONTRACT NO.: ND/2019/01
KWU TUNG NORTH NEW
DEVELOPMENT AREA, PHASE 1:
SITE FORMATION AND
INFRASTRUCTURE WORKS

CLIENT
土木工務發展署
CEDD
Civil Engineering and
Development Department

CONSULTANT
AECOM Asia Company Ltd.
www.aecom.com

SUB-CONSULTANTS
分列工程顧問公司

STATUS
擬定

SCALE
A1 1:1000

DIMENSION UNIT
METRES

KEY PLAN
不可用

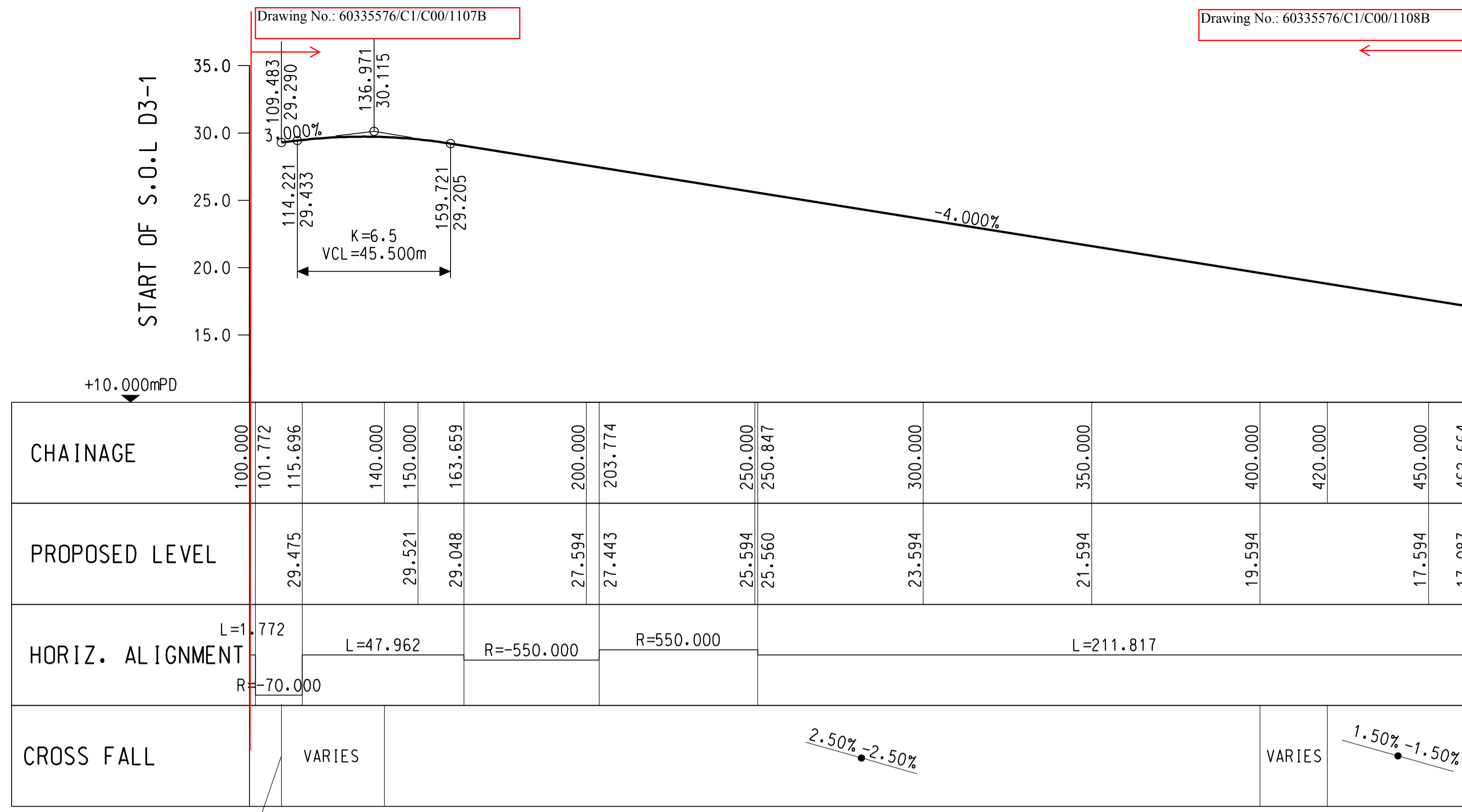
PROJECT NO.
60335576

CONTRACT NO.
ND/2019/01

SHEET TITLE
ROAD WORKS -
VERTICAL PROFILE

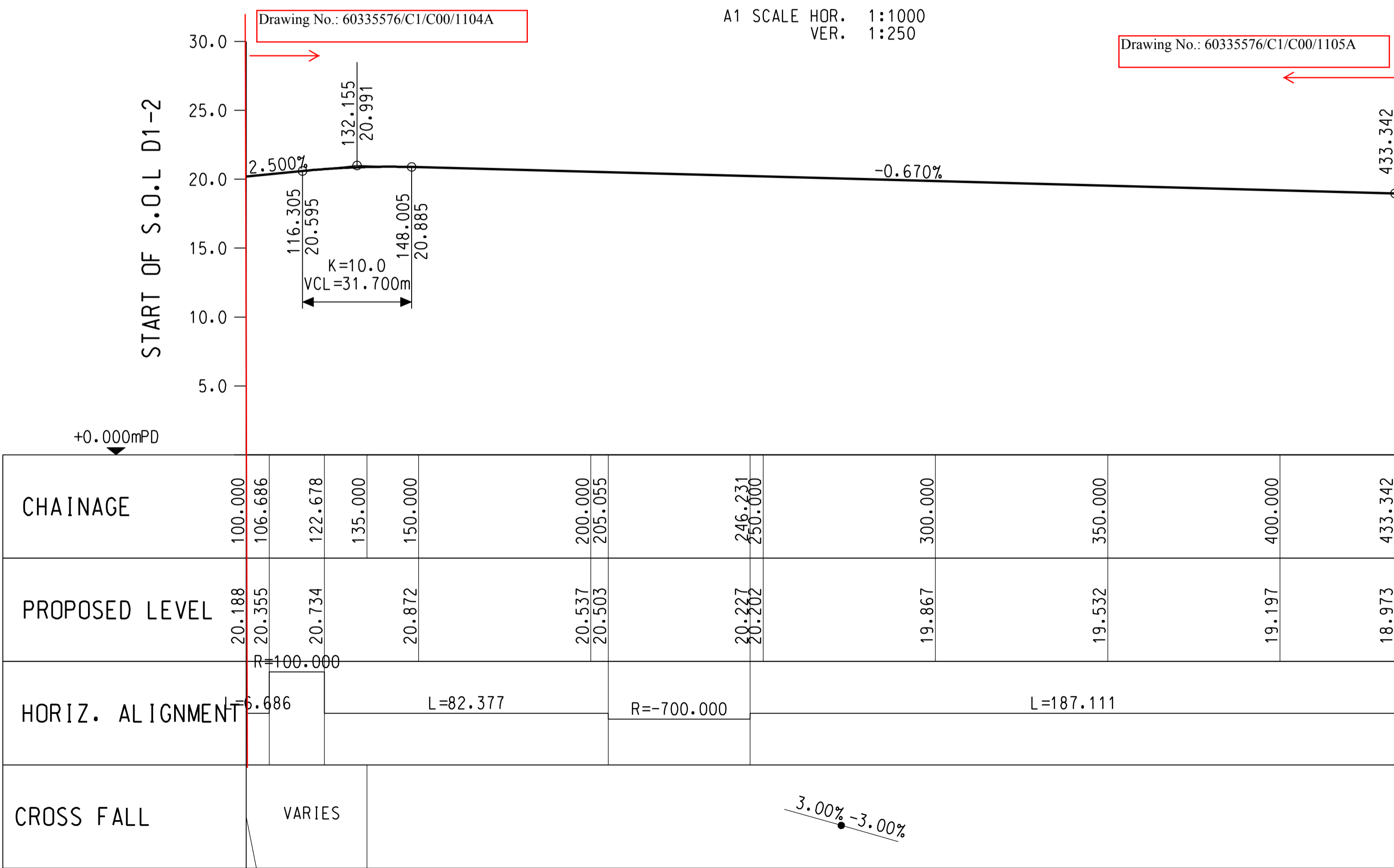
SHEET NUMBER
60335576/C1/C00/1124

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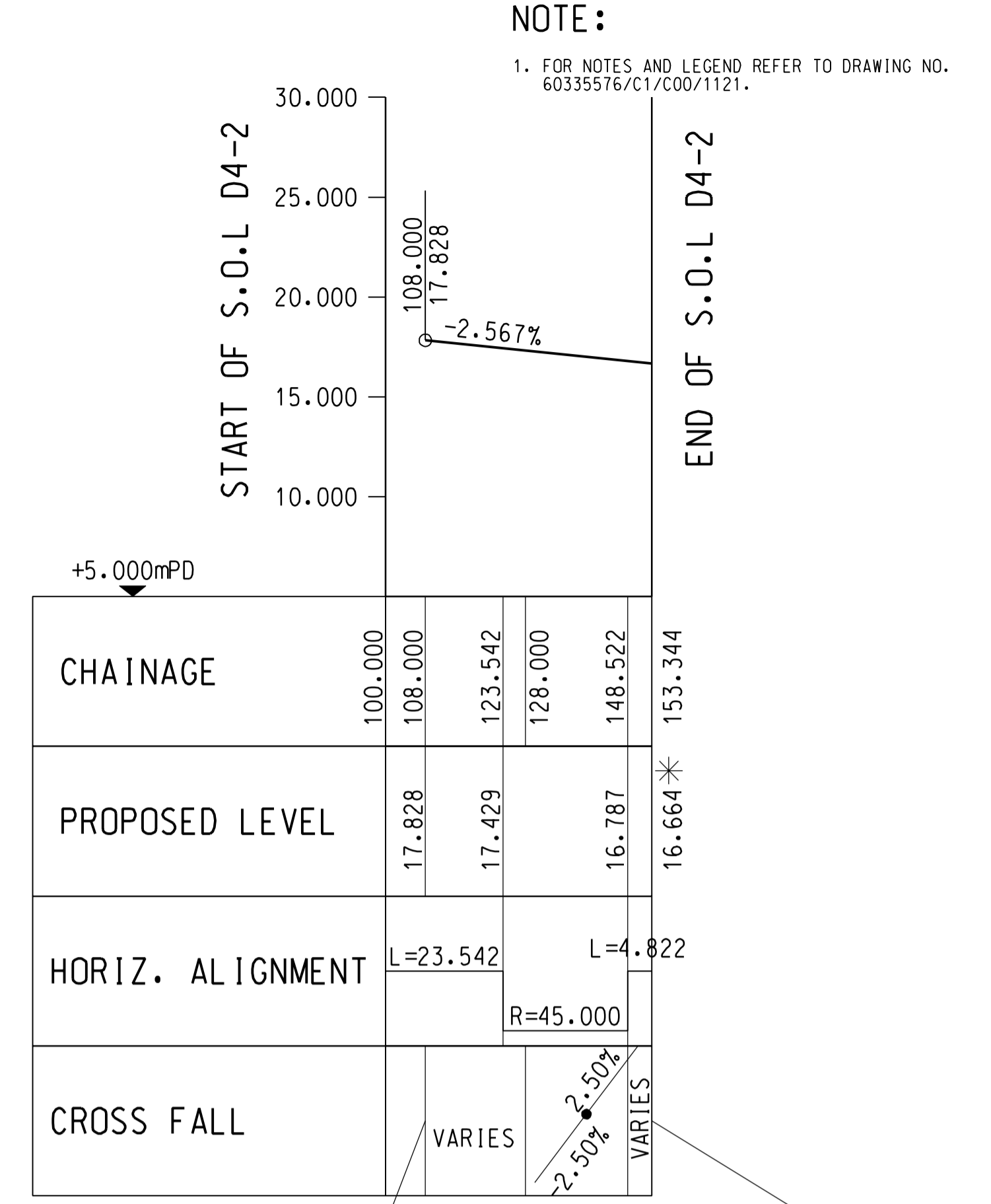
PROFILE ALONG THE SETTING OUT LINE D3-1

A1 SCALE HOR. 1:1000
 VER. 1:250



PROFILE ALONG THE SETTING OUT LINE D1-2

A1 SCALE HOR. 1:1000
 VER. 1:250



PROFILE ALONG THE SETTING OUT LINE D4-2

A1 SCALE HOR. 1:1000
 VER. 1:250

NOTE:

1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60335576/C1/C00/1121.

BKREJV

TITLE OF DESIGNATED PROJECT:

KWU TUNG NORTH NEW
 DEVELOPMENT AREA ROAD D1 TO
 D5

CONTRACT TITLE:

CONTRACT NO.: ND/2019/01
 KWU TUNG NORTH NEW
 DEVELOPMENT AREA, PHASE 1:
 SITE FORMATION AND
 INFRASTRUCTURE WORKS

CLIENT

CEDD 土木工程拓展署
 Civil Engineering and
 Development Department

CONSULTANT

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STATUS

圖樣

SCALE

A1 1:1000

DIMENSION UNIT

METRES

KEY PLAN

不可用

PROJECT NO.

60335576

CONTRACT NO.

ND/2019/01

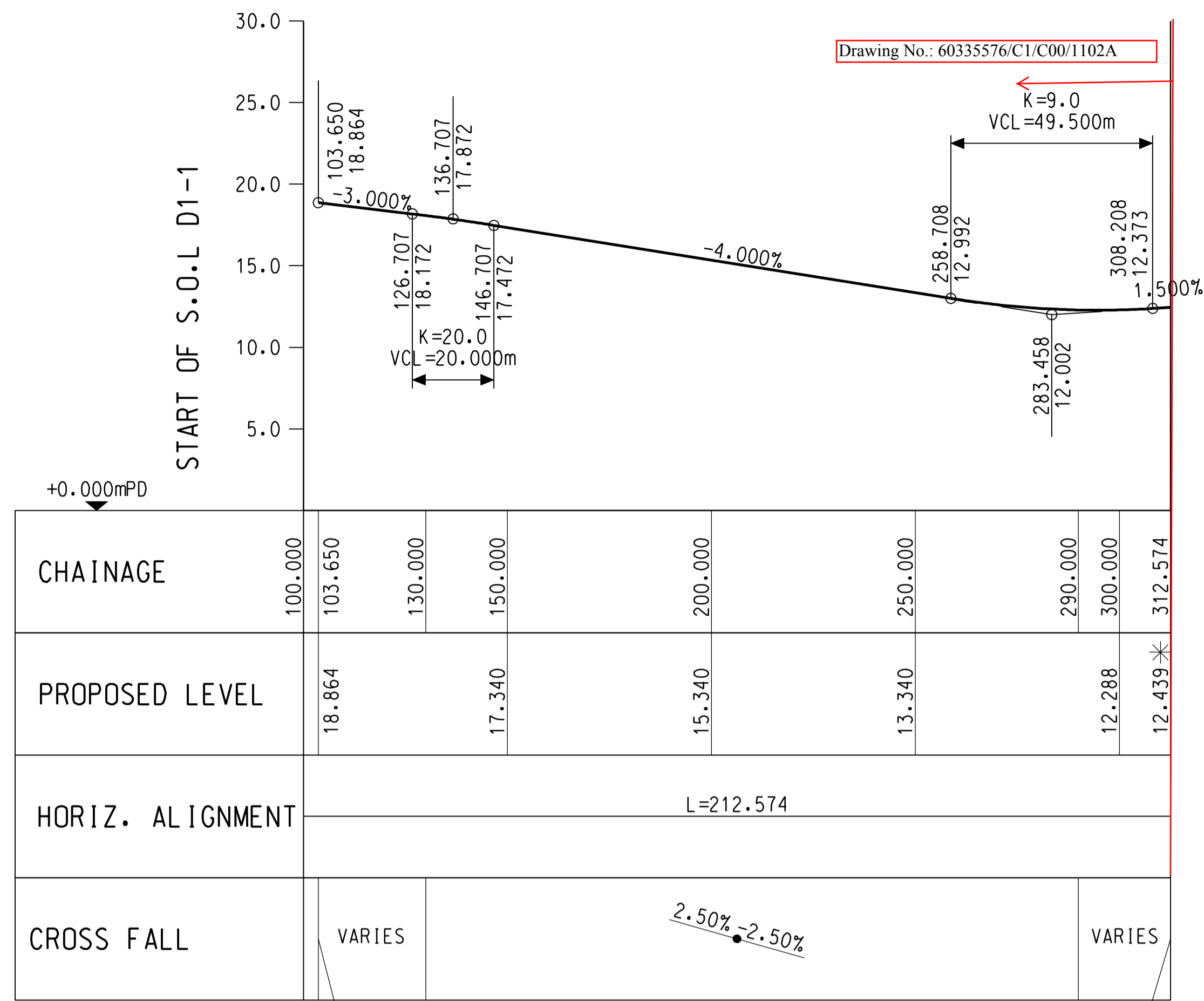
SHEET TITLE

ROAD WORKS -
 VERTICAL PROFILE

SHEET NUMBER

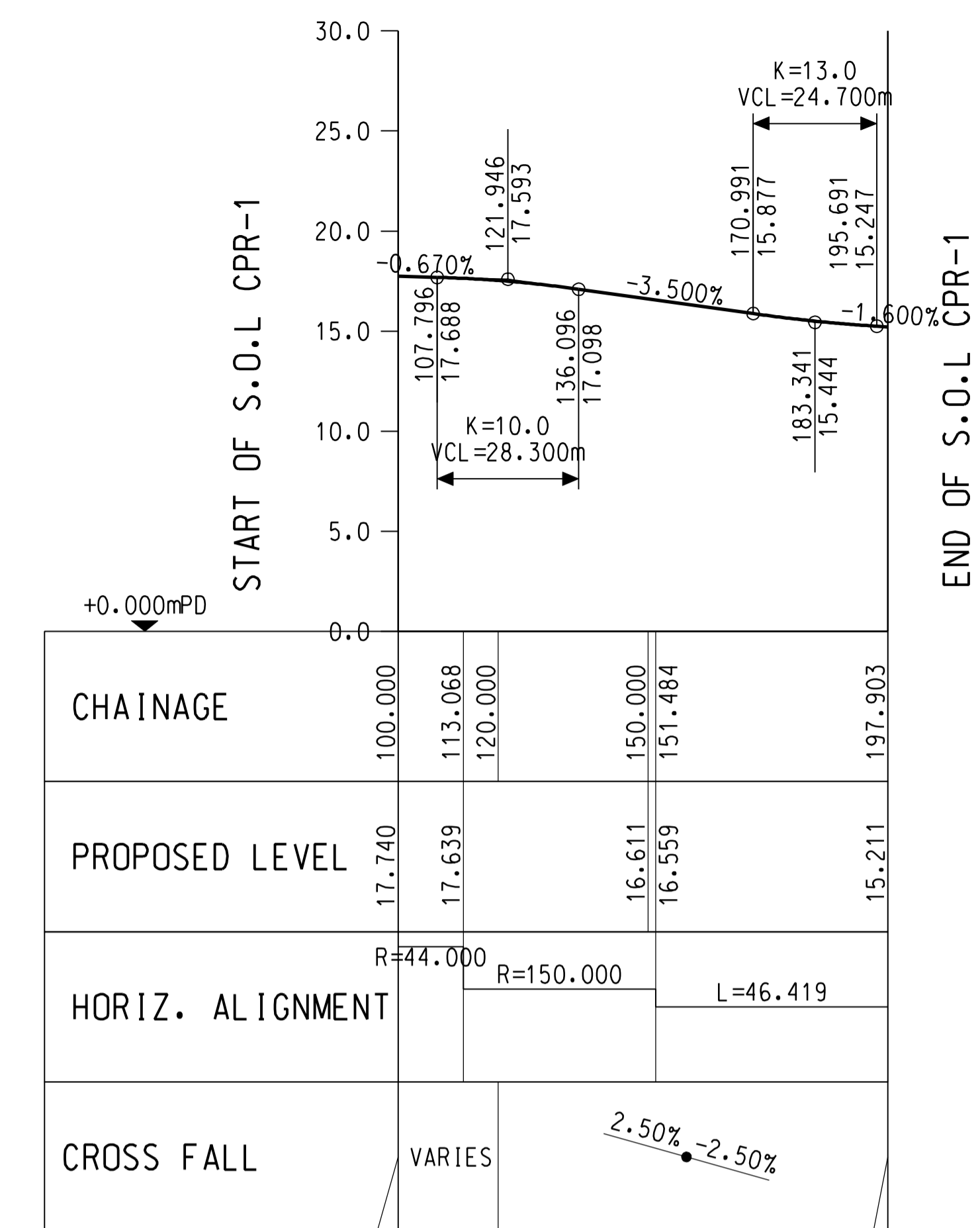
60335576/C1/C00/1125

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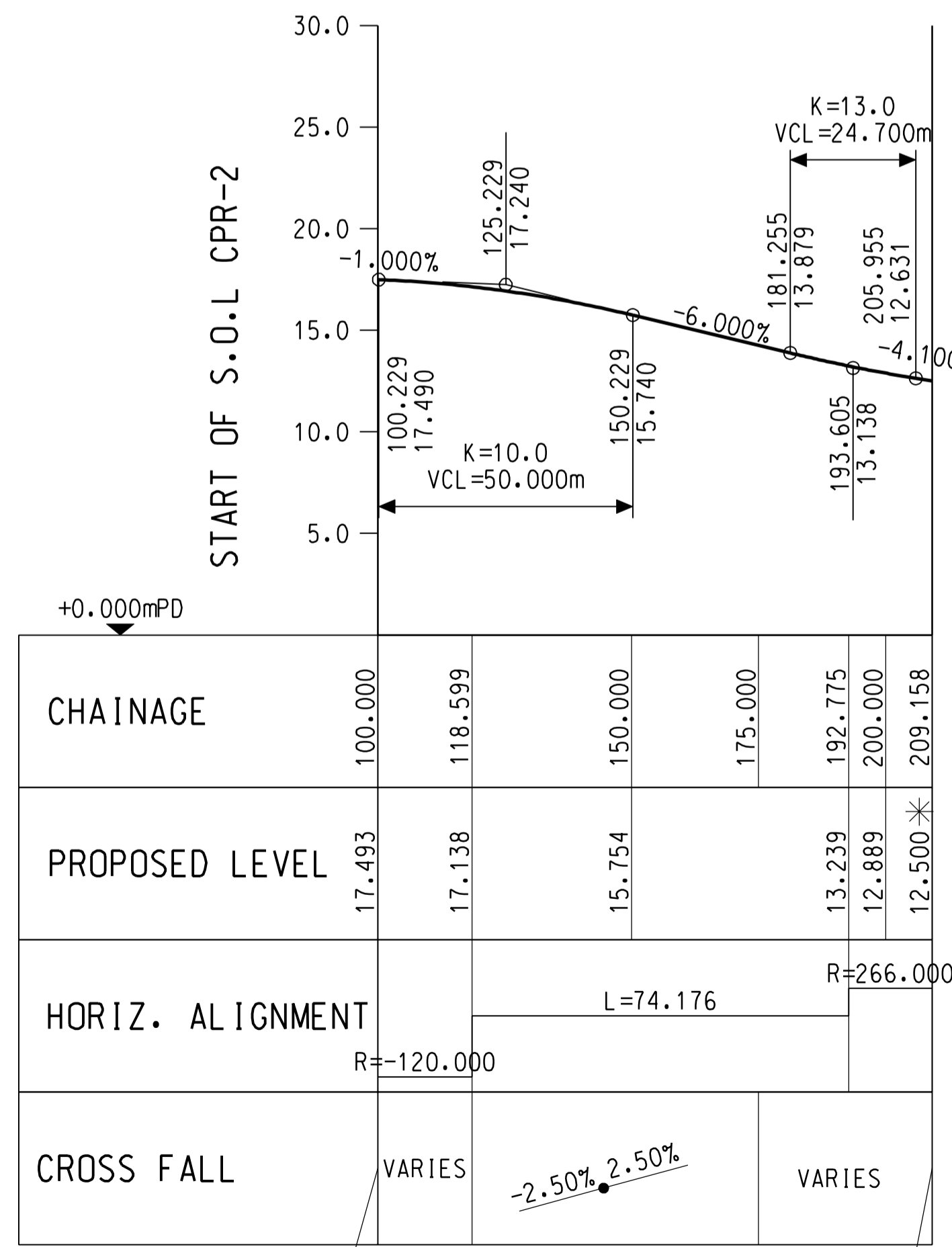
PROFILE ALONG THE SETTING OUT LINE D1-1

A1 SCALE HOR. 1:1000
 VER. 1:250



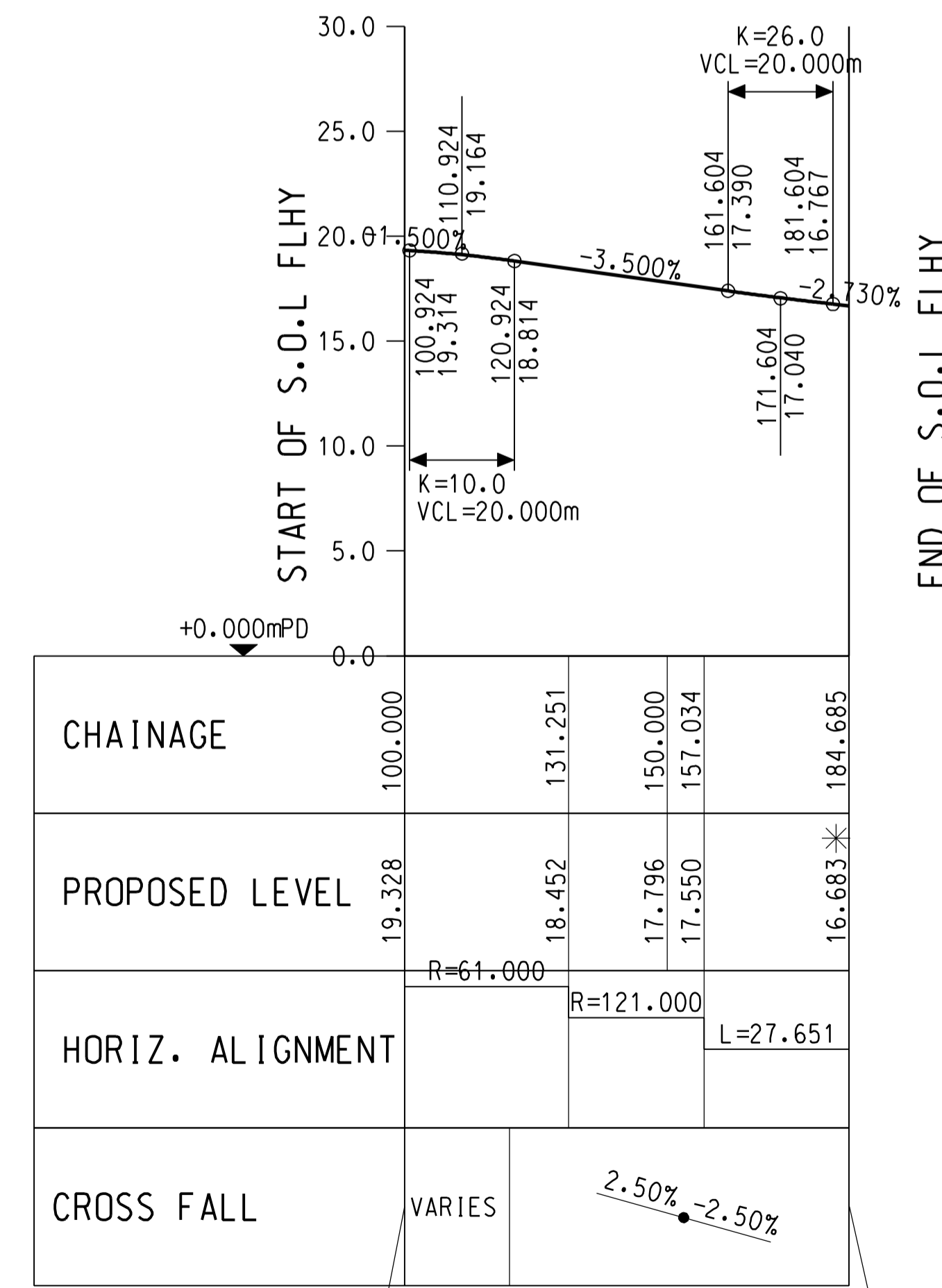
PROFILE ALONG THE SETTING OUT LINE CPR-1

A1 SCALE HOR. 1:1000
 VER. 1:250



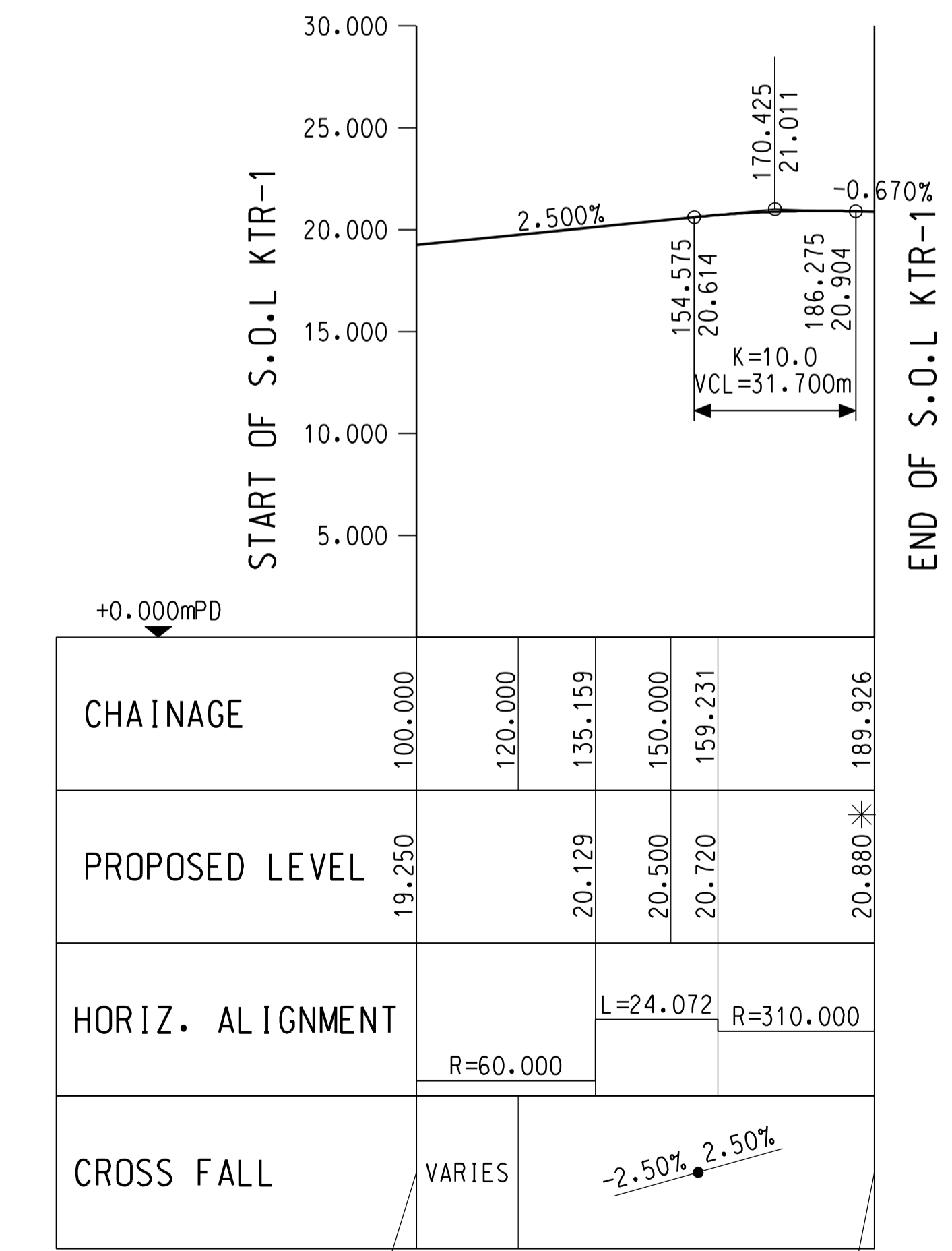
PROFILE ALONG THE SETTING OUT LINE CPR-2

A1 SCALE HOR. 1:1000
 VER. 1:250



PROFILE ALONG THE SETTING OUT LINE FLHY

A1 SCALE HOR. 1:1000
 VER. 1:250



PROFILE ALONG THE SETTING OUT LINE KTR-1

A1 SCALE HOR. 1:1000
 VER. 1:250

NOTE:

1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60335576/C1/C00/1121.

BKREJV

TITLE OF DESIGNATED PROJECT:

KWU TUNG NORTH NEW DEVELOPMENT AREA ROAD D1 TO D5

CONTRACT TITLE:

CONTRACT NO.: ND/2019/01
 KWU TUNG NORTH NEW DEVELOPMENT AREA, PHASE 1:
 SITE FORMATION AND INFRASTRUCTURE WORKS

CLIENT

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 Civil Engineering and Development Department

CONSULTANT

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STATUS

擬定

SCALE

1:1000

DIMENSION UNIT

METRES

KEY PLAN

不可用

PROJECT NO.

60335576

CONTRACT NO.

ND/2019/01

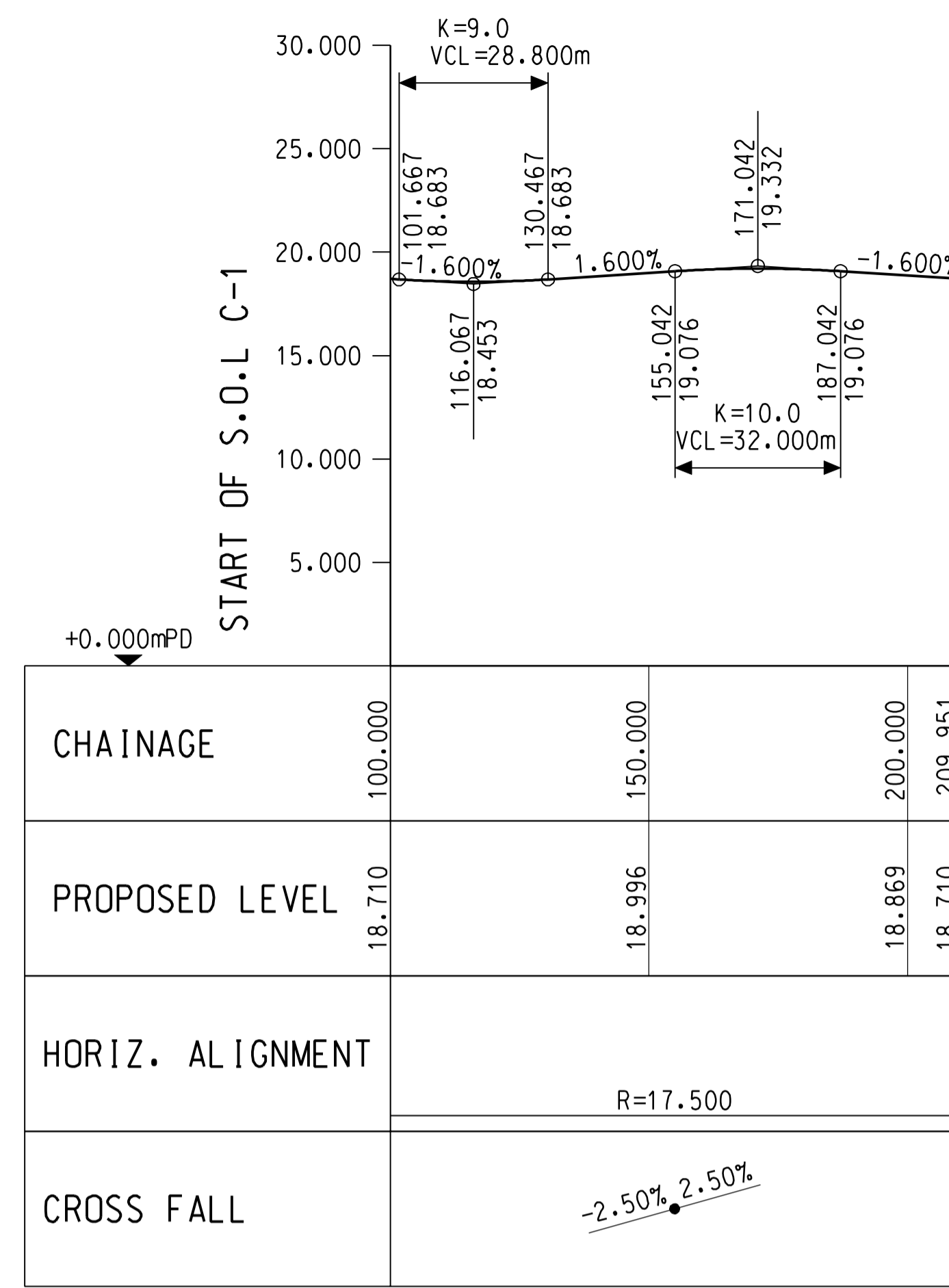
SHEET TITLE

ROAD WORKS - VERTICAL PROFILE

SHEET NUMBER

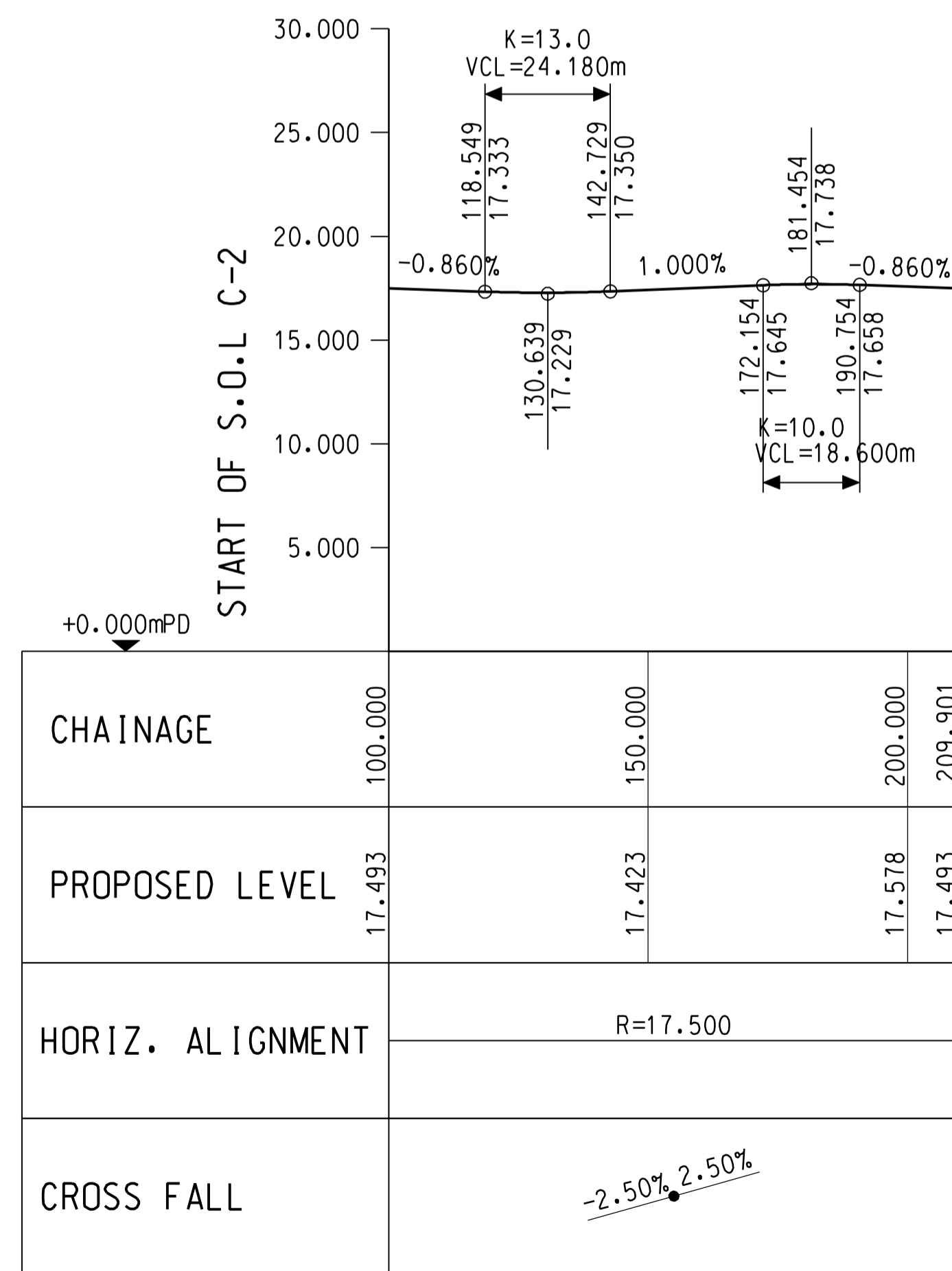
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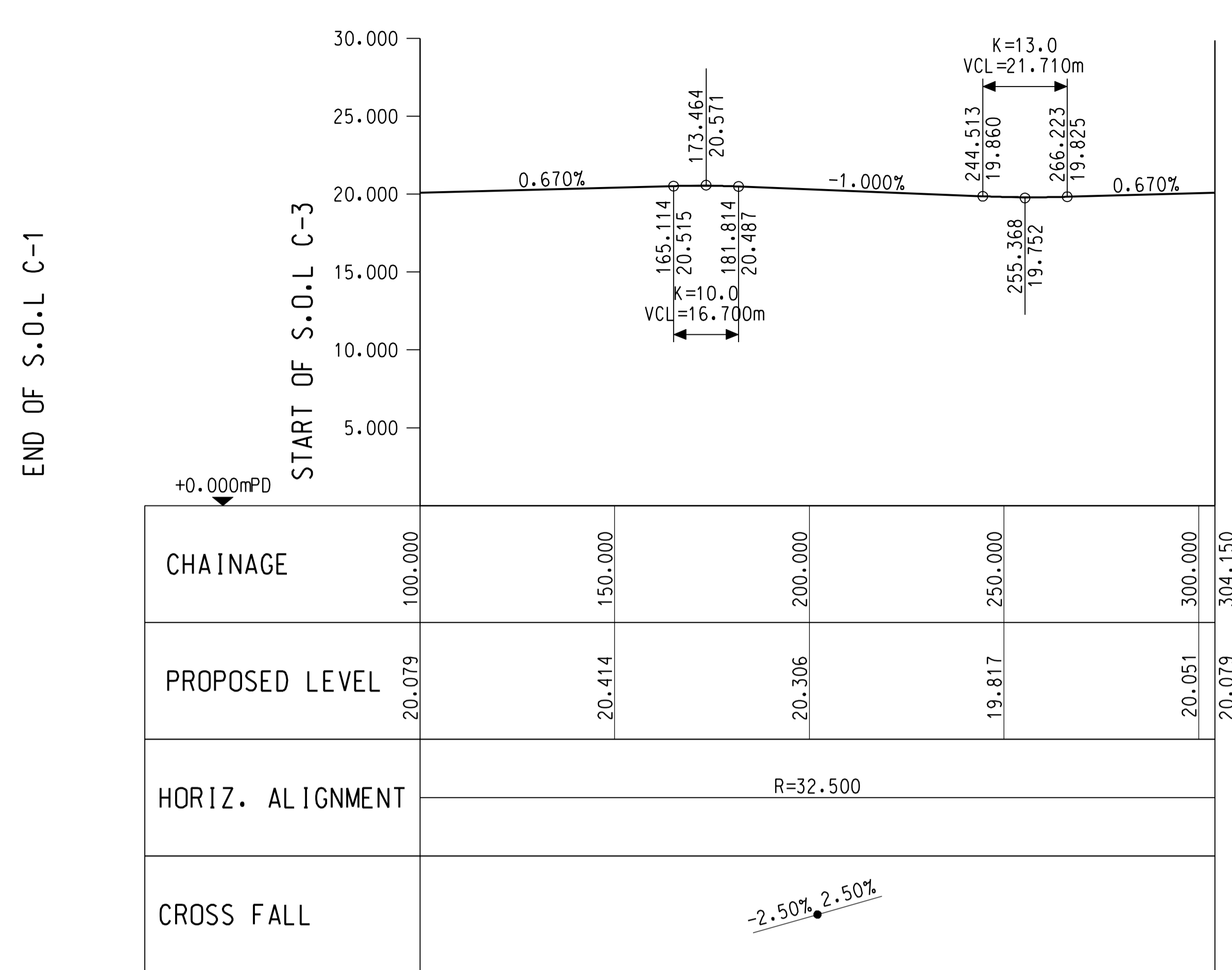
PROFILE ALONG THE SETTING OUT LINE C-1

A1 SCALE HOR. 1:1000
 VER. 1:250



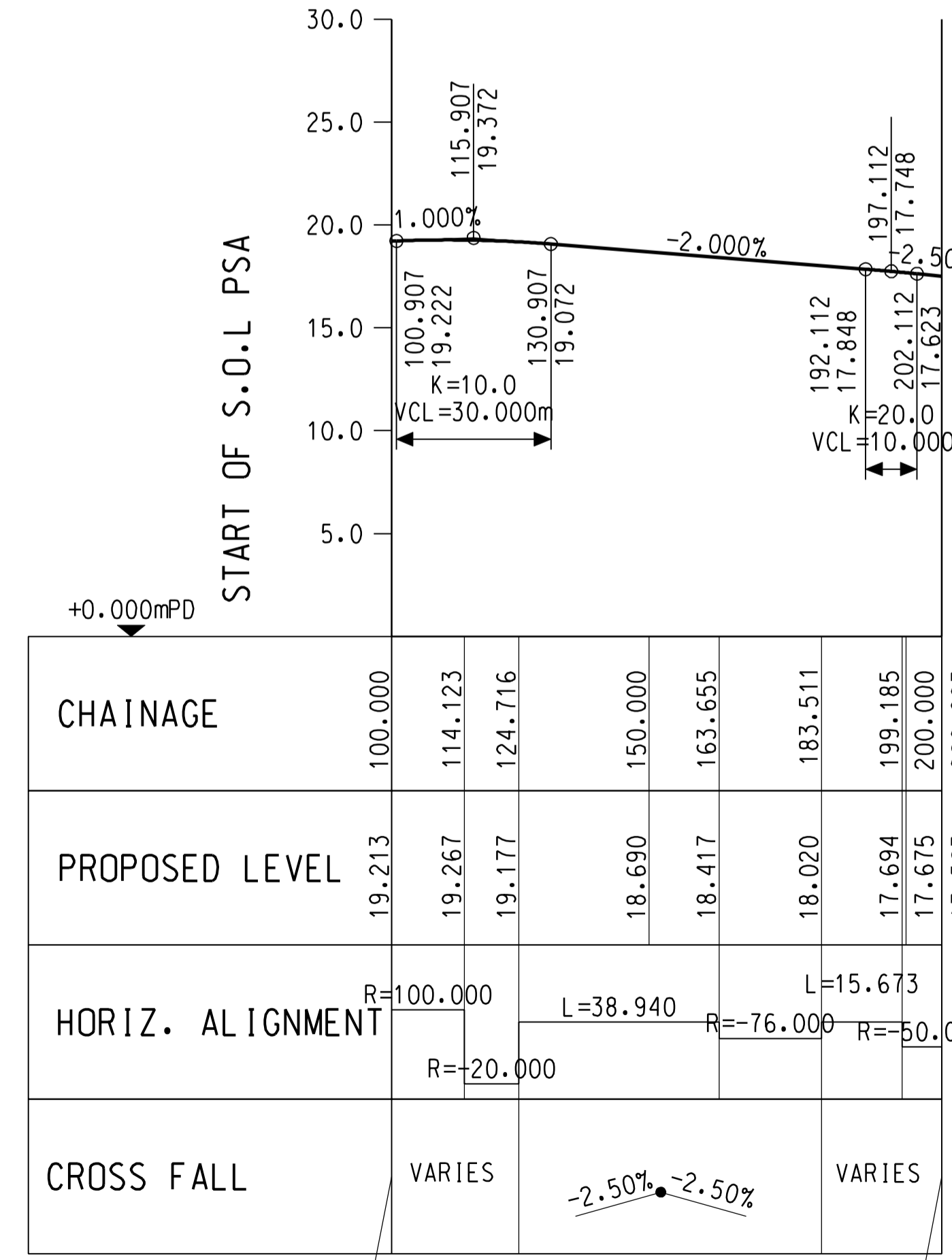
PROFILE ALONG THE SETTING OUT LINE C-2

A1 SCALE HOR. 1:1000
 VER. 1:250



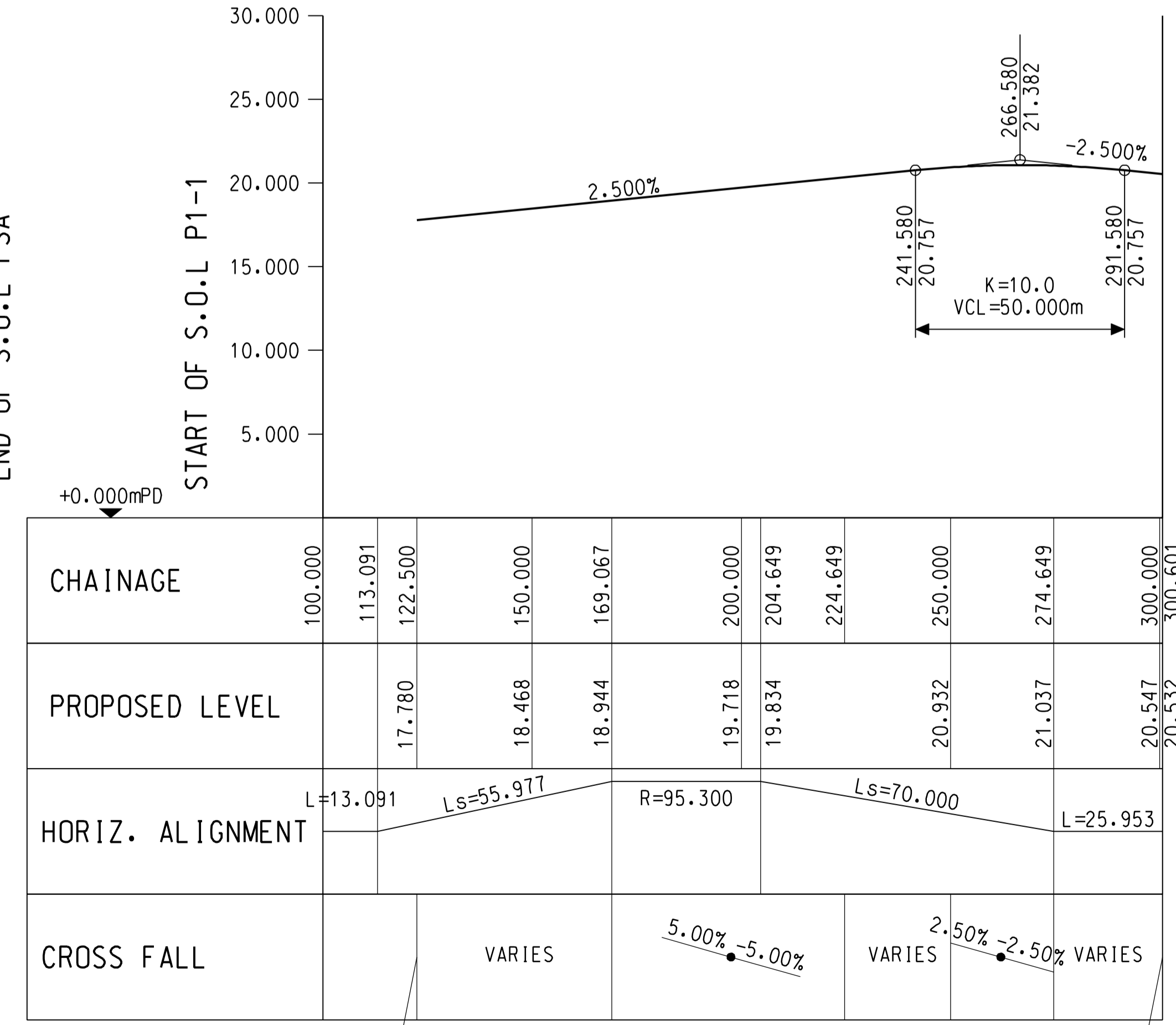
PROFILE ALONG THE SETTING OUT LINE C-3

A1 SCALE HOR. 1:1000
 VER. 1:250



PROFILE ALONG THE SETTING OUT LINE PSA

A1 SCALE HOR. 1:1000
 VER. 1:250

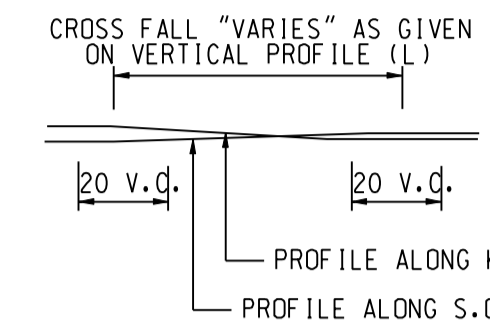


PROFILE ALONG THE SETTING OUT LINE P1-1

A1 SCALE HOR. 1:1000
 VER. 1:250

NOTES:

- THIS DRAWING TO BE READ IN CONJUNCTION WITH THE SETTING OUT PLAN. DRAWING NOS. 60335576/C1/C00/1101 TO 1115.
- ALL LEVELS SHOWN ON THE VERTICAL PROFILE ARE IN METRES ABOVE PRINCIPAL DATUM AND REFER TO THE FINISHED ROAD LEVEL ALONG SETTING OUT LINE.
- CROSS FALL SHOWN IN THIS DRAWING IS TAKEN IN THE DIRECTION OF INCREASING CHAINAGES.
- VERTICAL CURVE OF 20m LONG SHALL BE APPLIED AT ALL CHANGES OF GRADIENT ALONG THE CARRIAGEWAY KERB UNLESS L<20m. FOR CHANGES OF GRADIENT ALONG THE CARRIAGEWAY KERB WITH L<20m, THE VERTICAL CURVE SHALL BE L(m) LONG.
- CROSS FALL IN HARD SHOULDER/MARGINAL STRIP SHALL BE THE SAME AS THAT OF THE ADJOINING CARRIAGEWAY UNLESS OTHERWISE SPECIFIED OR INSTRUCTED BY THE ENGINEER.



ABBREVIATION:

- K CONSTANT WHERE BY VERTICAL RADIUS=100 x K
- R RADIUS (METRES)
- VCL VERTICAL CURVE (METRES)
- LS SPIRAL LENGTH (METRES)
- L STRAIGHT LINE (METRES)
- * APPROXIMATE EXISTING GROUND LEVEL SHOULD BE VERIFIED PRIOR TO CONSTRUCTION

BKREJV

TITLE OF DESIGNATED PROJECT:
 KWU TUNG NORTH NEW
 DEVELOPMENT AREA ROAD D1 TO
 D5

CONTRACT TITLE:
 CONTRACT NO.: ND/2019/01
 KWU TUNG NORTH NEW
 DEVELOPMENT AREA, PHASE 1:
 SITE FORMATION AND
 INFRASTRUCTURE WORKS

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STATUS
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SCALE
 1:1000
 DIMENSION UNIT
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KEY PLAN
 次 圖

PROJECT NO.
 項目編號
 60335576
 CONTRACT NO.
 合約編號
 ND/2019/01

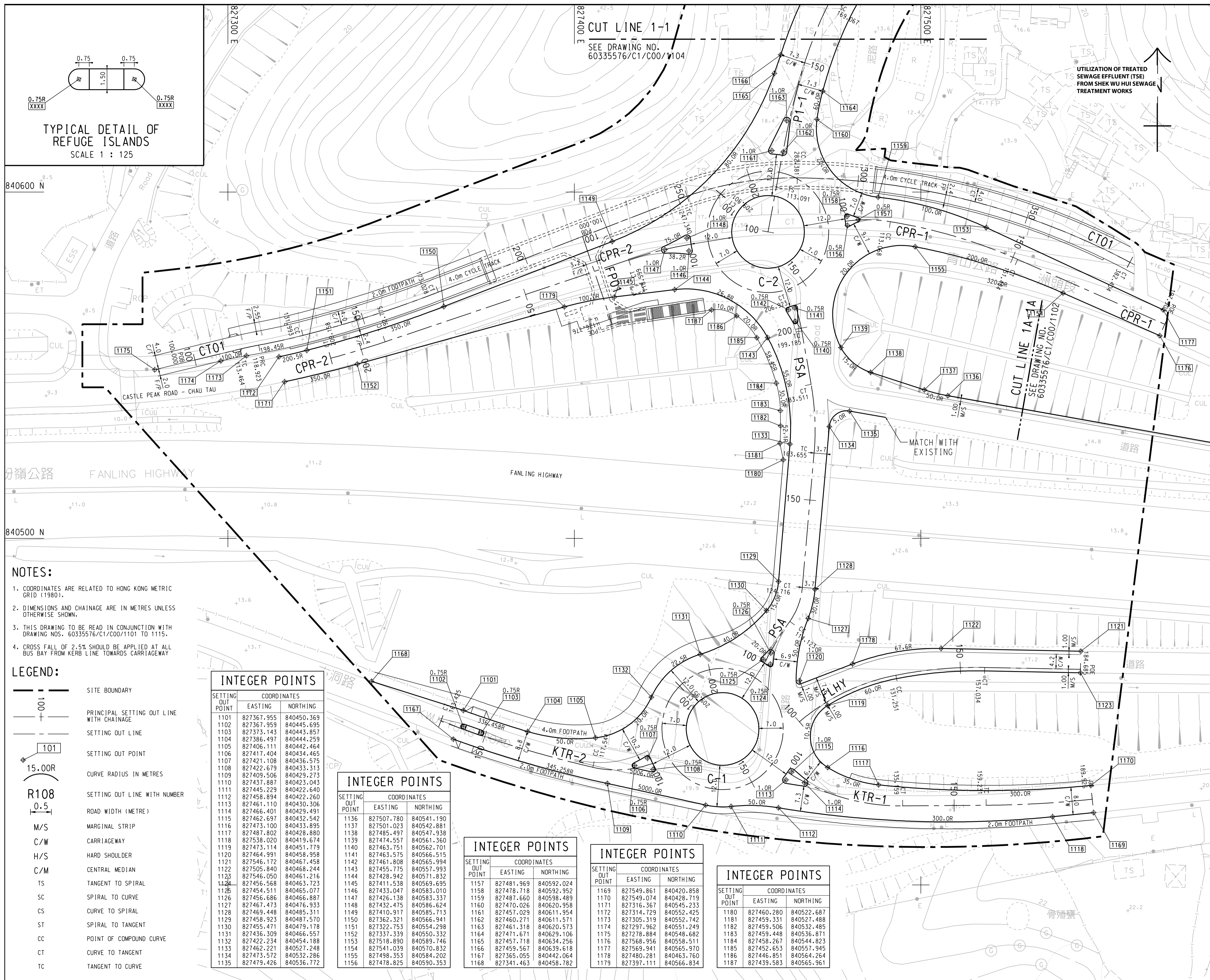
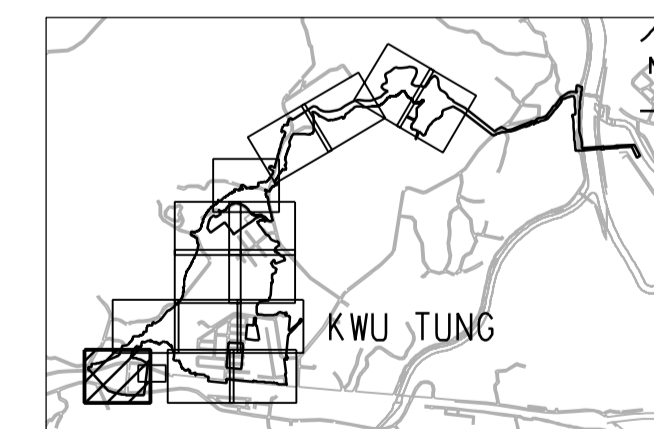
SHEET TITLE
 圖紙名稱

ROAD WORKS -
 VERTICAL PROFILE

SHEET NUMBER
 圖紙編號

60335576/C1/C00/1121

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**TYPICAL DETAIL OF
 REFUGE ISLANDS**
 SCALE 1 : 125

- NOTES:**
- COORDINATES ARE RELATED TO HONG KONG METRIC GRID (1980).
 - DIMENSIONS AND CHAINAGE ARE IN METRES UNLESS OTHERWISE SHOWN.
 - THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60335576/C1/C00/1101 TO 1115.
 - CROSS FALL OF 2.5% SHOULD BE APPLIED AT ALL BUS BAY FROM KERB LINE TOWARDS CARRIAGEWAY

- LEGEND:**
- SITE BOUNDARY
 - PRINCIPAL SETTING OUT LINE WITH CHAINAGE
 - SETTING OUT LINE
 - SETTING OUT POINT
 - CURVE RADIUS IN METRES
 - SETTING OUT LINE WITH NUMBER
 - ROAD WIDTH (METRE)
 - M/S MARGINAL STRIP
 - C/W CARRIAGEWAY
 - H/S HARD SHOULDER
 - C/M CENTRAL MEDIAN
 - TS TANGENT TO SPIRAL
 - SC SPIRAL TO CURVE
 - CS CURVE TO SPIRAL
 - ST SPIRAL TO TANGENT
 - CC POINT OF COMPOUND CURVE
 - CT CURVE TO TANGENT
 - TC TANGENT TO CURVE

INTEGER POINTS

SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
1101	827367.955	840450.369
1102	827367.959	840445.695
1103	827373.143	840443.857
1104	827386.497	840444.259
1105	827406.111	840442.464
1106	827417.404	840434.465
1107	827421.108	840436.575
1108	827422.679	840433.313
1109	827409.506	840429.273
1110	827437.887	840423.045
1111	827456.568	840422.640
1112	827458.994	840422.260
1113	827461.110	840430.306
1114	827466.401	840429.491
1115	827462.697	840432.542
1116	827473.100	840433.895
1117	827487.802	840428.880
1118	827538.020	840419.674
1119	827473.114	840451.779
1120	827464.991	840458.958
1121	827546.172	840467.458
1122	827505.840	840468.244
1123	827546.050	840461.216
1124	827456.568	840463.723
1125	827454.511	840465.077
1126	827456.686	840466.887
1127	827467.473	840476.933
1128	827469.448	840485.311
1129	827458.923	840487.570
1130	827455.471	840479.178
1131	827436.309	840466.557
1132	827422.234	840454.188
1133	827462.221	840527.248
1134	827473.572	840532.286
1135	827479.426	840536.772

INTEGER POINTS

SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
1136	827507.780	840541.190
1137	827501.023	840542.881
1138	827485.497	840547.938
1139	827474.557	840561.360
1140	827463.751	840562.701
1141	827463.575	840566.515
1142	827461.808	840565.994
1143	827455.775	840557.993
1144	827428.942	840571.832
1145	827411.538	840569.695
1146	827433.047	840583.010
1147	827426.138	840583.337
1148	827432.475	840586.624
1149	827410.917	840585.713
1150	827362.321	840566.941
1151	827322.753	840554.298
1152	827337.339	840550.332
1153	827518.890	840589.746
1154	827541.039	840570.832
1155	827498.353	840584.202
1156	827478.825	840590.353

INTEGER POINTS

SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
1157	827481.969	840592.024
1158	827478.718	840592.952
1159	827487.660	840598.489
1160	827470.026	840620.958
1161	827457.029	840611.954
1162	827460.271	840611.571
1163	827461.318	840620.573
1164	827471.671	840629.106
1165	827457.718	840634.256
1166	827459.567	840639.618
1167	827365.055	840442.064
1168	827341.463	840458.782

INTEGER POINTS

SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
1169	827549.861	840420.958
1170	827549.074	840428.719
1171	827316.367	840545.233
1172	827314.729	840552.425
1173	827305.319	840552.742
1174	827297.962	840551.249
1175	827278.884	840548.682
1176	827568.956	840558.511
1177	827569.941	840565.970
1178	827480.281	840463.760
1179	827397.111	840566.834

INTEGER POINTS

SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
1180	827460.280	840522.687
1181	827459.331	840527.488
1182	827459.506	840532.485
1183	827459.448	840536.871
1184	827458.267	840544.823
1185	827452.653	840557.945
1186	827446.851	840564.264
1187	827439.583	840565.961

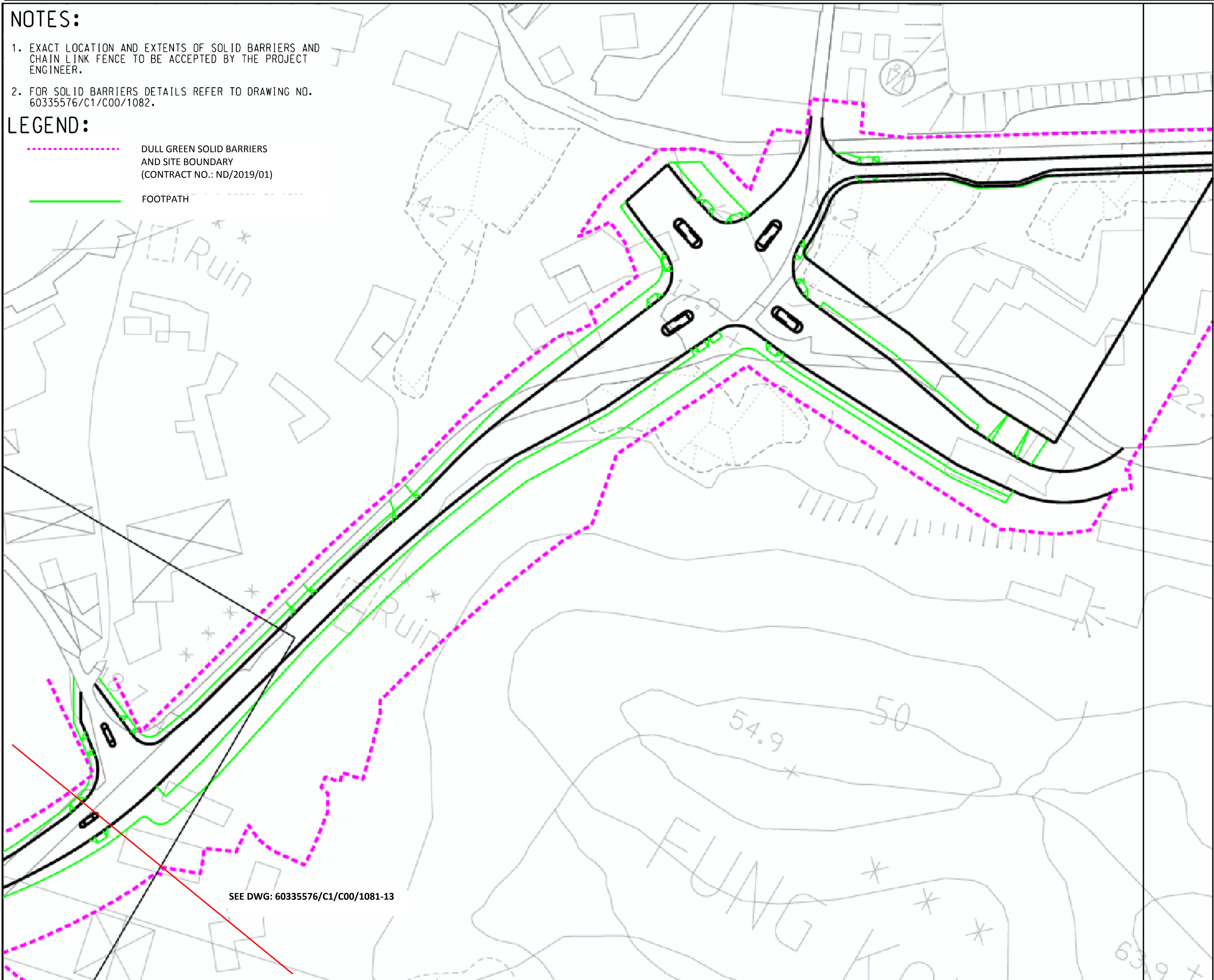
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NOTES:

1. EXACT LOCATION AND EXTENTS OF SOLID BARRIERS AND CHAIN LINK FENCE TO BE ACCEPTED BY THE PROJECT ENGINEER.
2. FOR SOLID BARRIERS DETAILS REFER TO DRAWING NO. 60335576/C1/C00/1082.

LEGEND:

- DULL GREEN SOLID BARRIERS AND SITE BOUNDARY (CONTRACT NO.: ND/2019/01)
- FOOTPATH



BKREJV

TITLE OF DESIGNATED PROJECT:
KWU TUNG NORTH NEW DEVELOPMENT AREA ROAD D1 TO D5

CONTRACT TITLE:

CONTRACT NO.: ND/2019/01
KWU TUNG NORTH NEW DEVELOPMENT AREA, PHASE 1: SITE FORMATION AND INFRASTRUCTURE WORKS

CLIENT



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STATUS

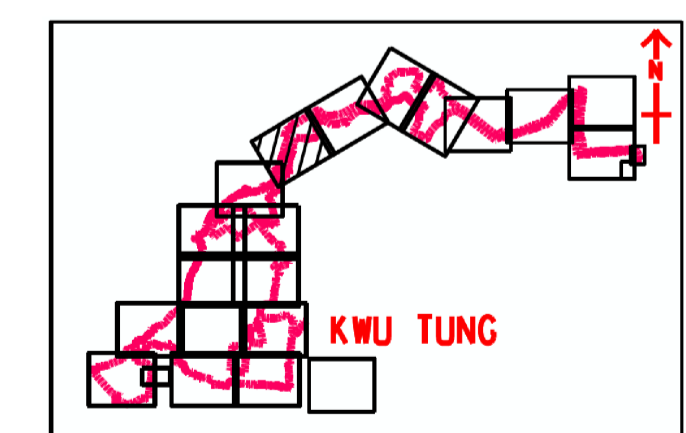
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DIMENSION UNIT

METRES

KEY PLAN



PROJECT NO.

60335576

CONTRACT NO.

ND/2019/01

SHEET TITLE

DULL GREEN SOLID BARRIERS LAYOUT

SHEET NUMBER

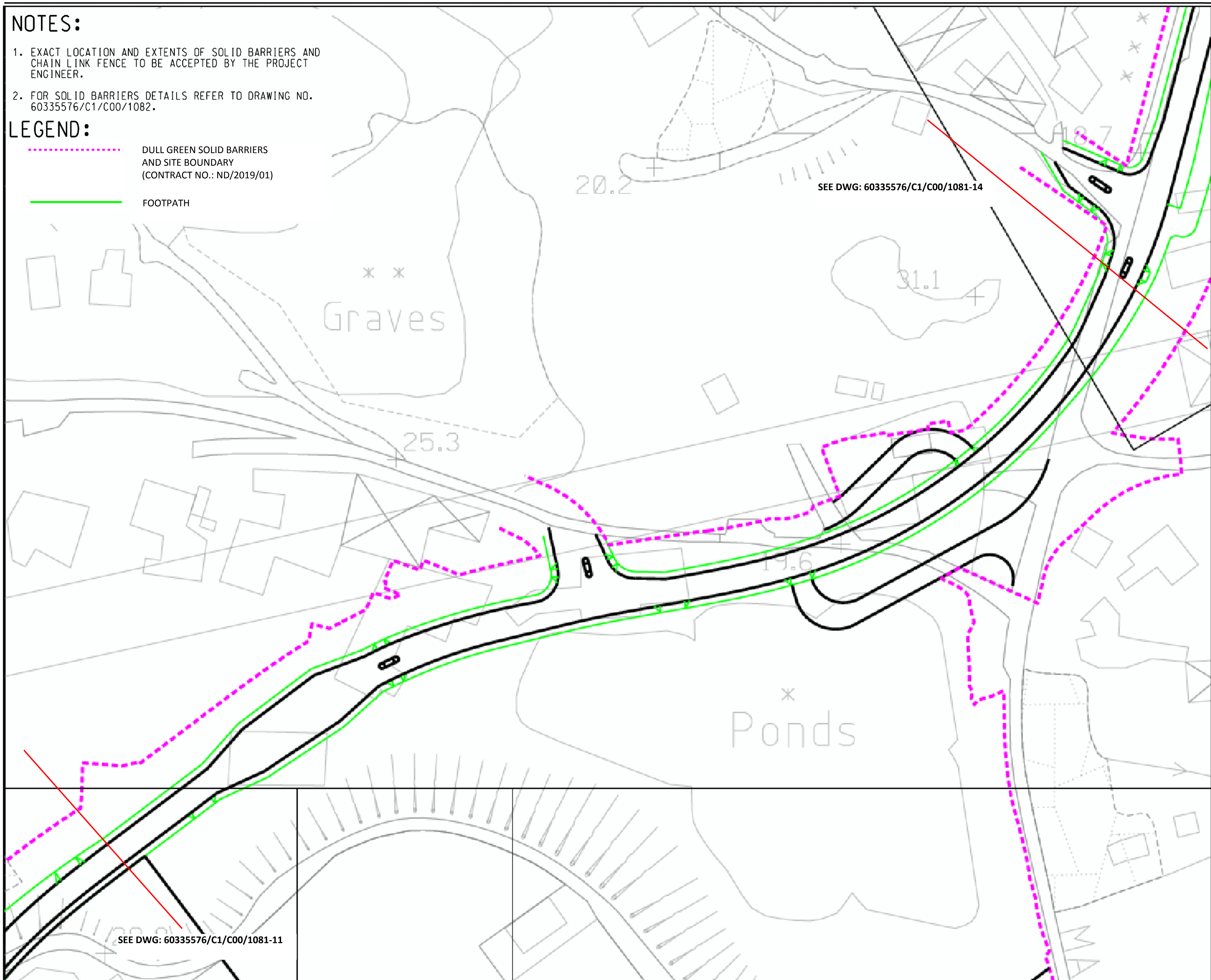
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NOTES:

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2. FOR SOLID BARRIERS DETAILS REFER TO DRAWING NO. 60335576/C1/C00/1082.

LEGEND:

- DULL GREEN SOLID BARRIERS AND SITE BOUNDARY (CONTRACT NO.: ND/2019/01)
- FOOTPATH



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 KWU TUNG NORTH NEW
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 D5

CONTRACT TITLE:

CONTRACT NO.: ND/2019/01
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 DEVELOPMENT AREA, PHASE 1:
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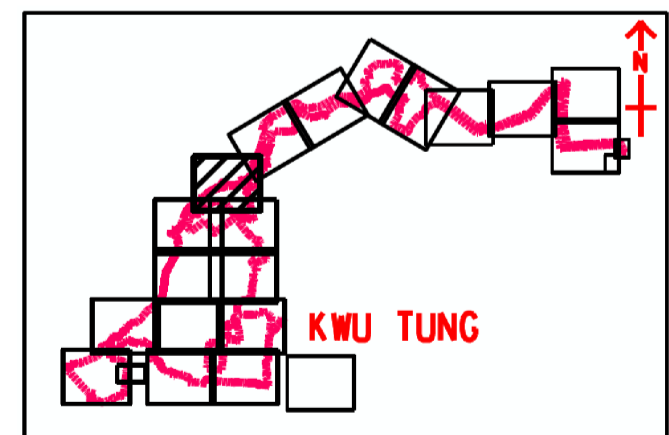
SUB-CONSULTANTS

STATUS

SCALE **DIMENSION UNIT**

A3 1:1000 METRES

KEY PLAN



PROJECT NO.

60335576

CONTRACT NO.

ND/2019/01

SHEET TITLE

**DULL GREEN SOLID
 BARRIERS LAYOUT**



SHEET NUMBER

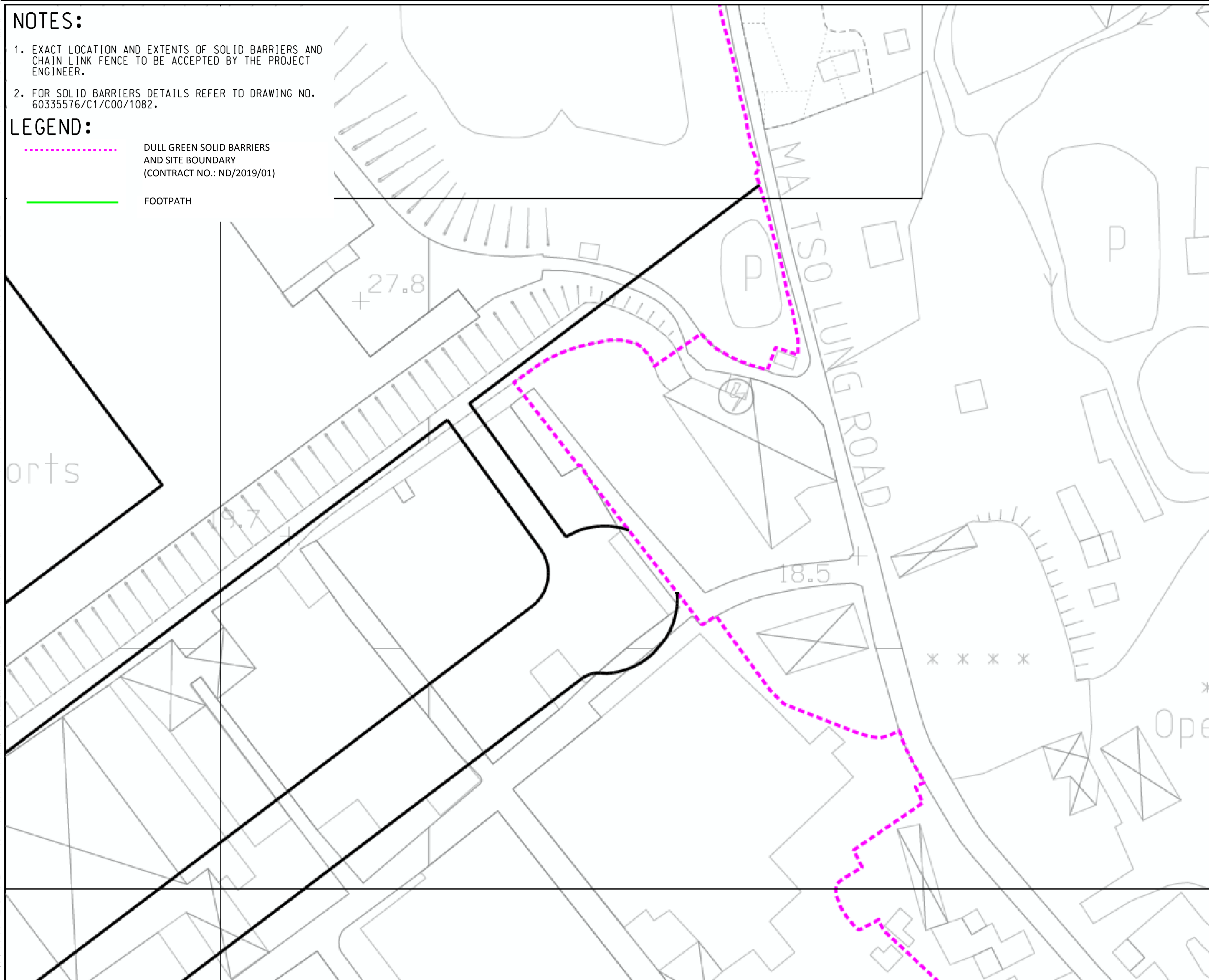
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NOTES:

1. EXACT LOCATION AND EXTENTS OF SOLID BARRIERS AND CHAIN LINK FENCE TO BE ACCEPTED BY THE PROJECT ENGINEER.
2. FOR SOLID BARRIERS DETAILS REFER TO DRAWING NO. 60335576/C1/C00/1082.

LEGEND:

-  DULL GREEN SOLID BARRIERS AND SITE BOUNDARY (CONTRACT NO.: ND/2019/01)
-  FOOTPATH



BKREJV

TITLE OF DESIGNATED PROJECT:
 KWU TUNG NORTH NEW
 DEVELOPMENT AREA ROAD D1 TO
 D5

CONTRACT TITLE:

CONTRACT NO.: ND/2019/01
**KWU TUNG NORTH NEW
 DEVELOPMENT AREA, PHASE 1:
 SITE FORMATION AND
 INFRASTRUCTURE WORKS**

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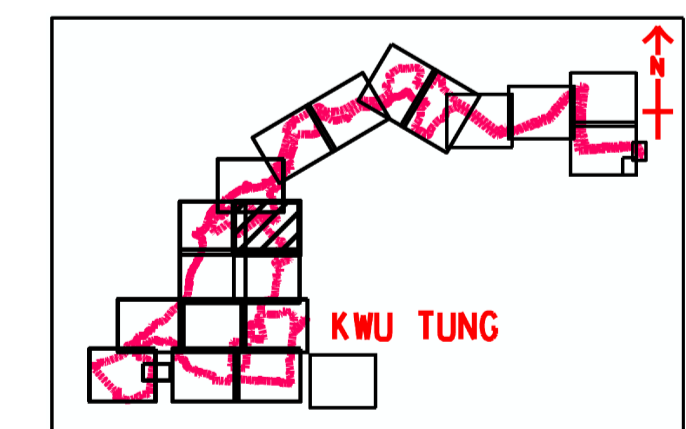
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DIMENSION UNIT

METRES

KEY PLAN



PROJECT NO.

60335576

CONTRACT NO.

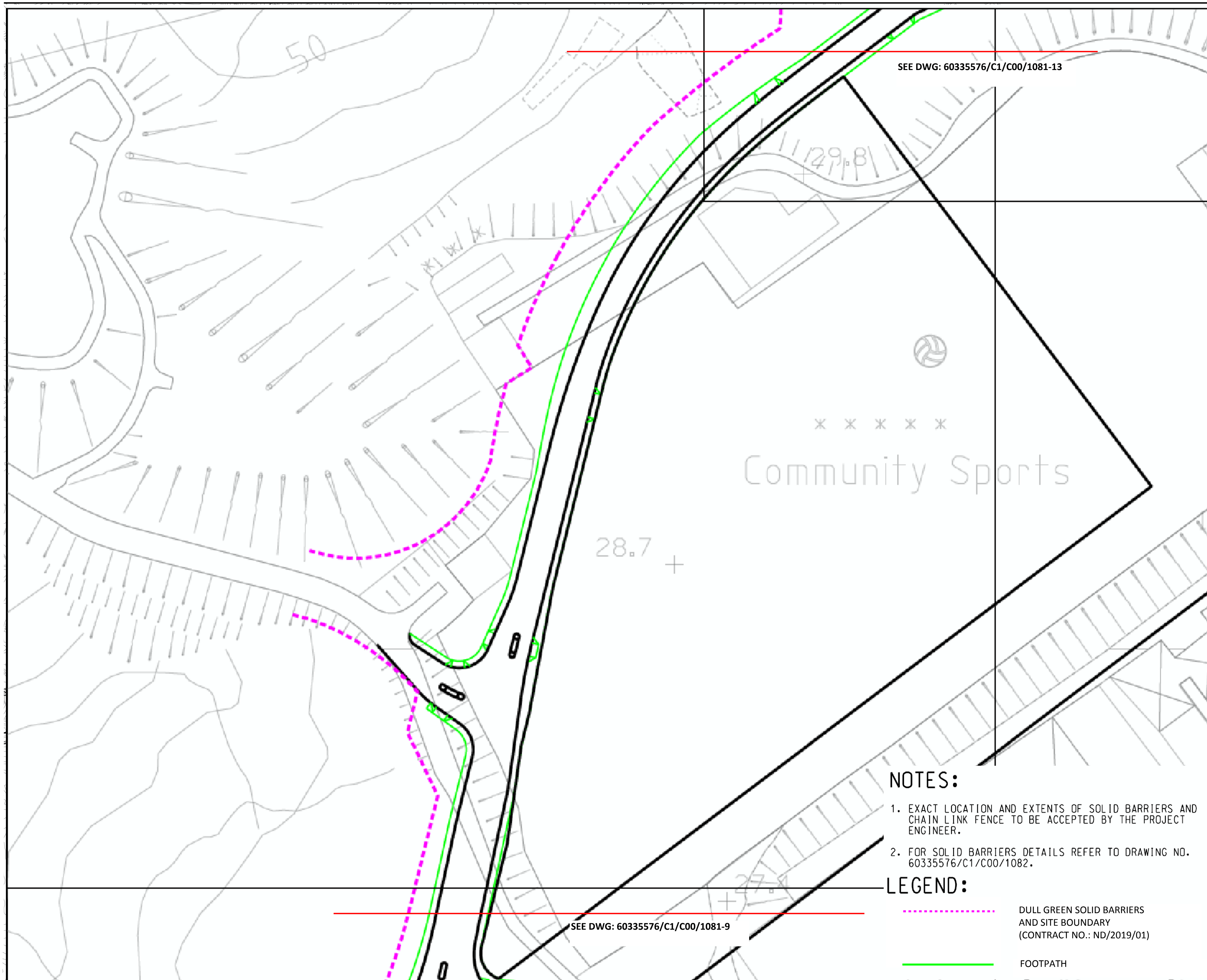
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SHEET TITLE

DULL GREEN SOLID BARRIERS LAYOUT

SHEET NUMBER

60335576/C1/C00/1081-12



SEE DWG: 60335576/C1/C00/1081-13

SEE DWG: 60335576/C1/C00/1081-9

NOTES:

1. EXACT LOCATION AND EXTENTS OF SOLID BARRIERS AND CHAIN LINK FENCE TO BE ACCEPTED BY THE PROJECT ENGINEER.
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LEGEND:

- DULL GREEN SOLID BARRIERS AND SITE BOUNDARY (CONTRACT NO.: ND/2019/01)
- FOOTPATH

BKREJV

TITLE OF DESIGNATED PROJECT:

KWU TUNG NORTH NEW DEVELOPMENT AREA ROAD D1 TO D5

CONTRACT TITLE:

CONTRACT NO.: ND/2019/01
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SITE FORMATION AND INFRASTRUCTURE WORKS

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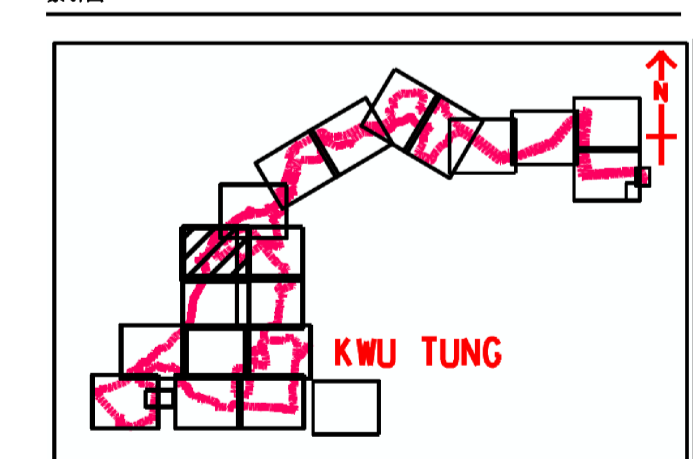
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DIMENSION UNIT

METRES

KEY PLAN



PROJECT NO.

60335576

CONTRACT NO.

ND/2019/01

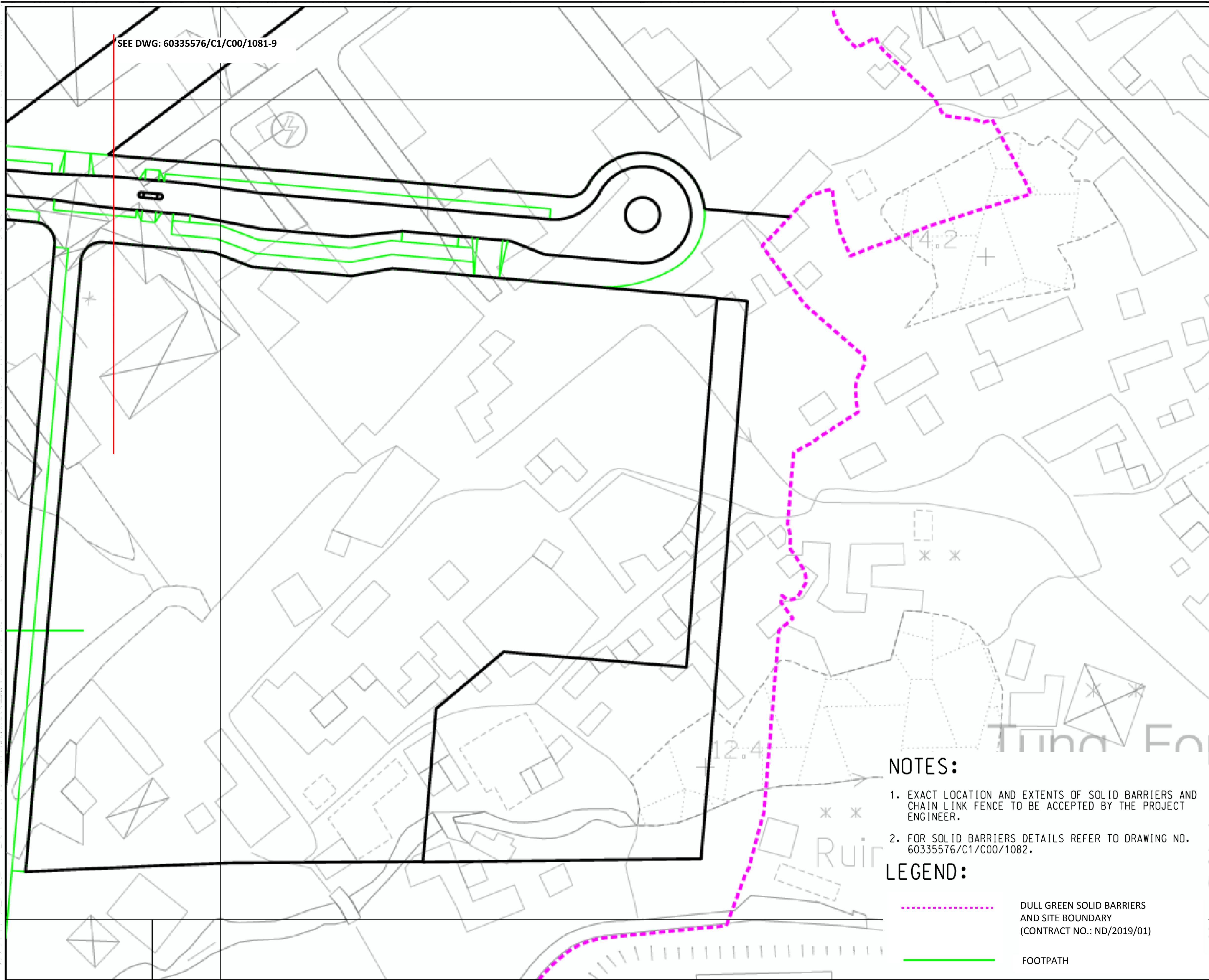
SHEET TITLE

DULL GREEN SOLID BARRIERS LAYOUT

SHEET NUMBER

60335576/C1/C00/1081-11

SEE DWG: 60335576/C1/C00/1081-9



NOTES:

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2. FOR SOLID BARRIERS DETAILS REFER TO DRAWING NO. 60335576/C1/C00/1082.

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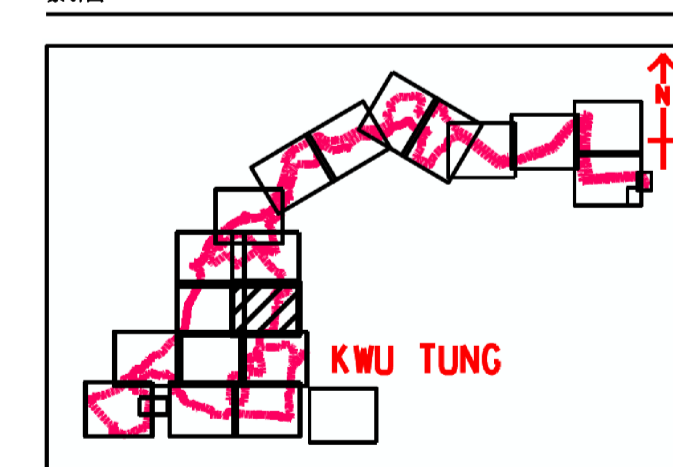
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DIMENSION UNIT

METRES

KEY PLAN



PROJECT NO.

60335576

CONTRACT NO.

ND/2019/01

SHEET TITLE

DULL GREEN SOLID BARRIERS LAYOUT



SHEET NUMBER

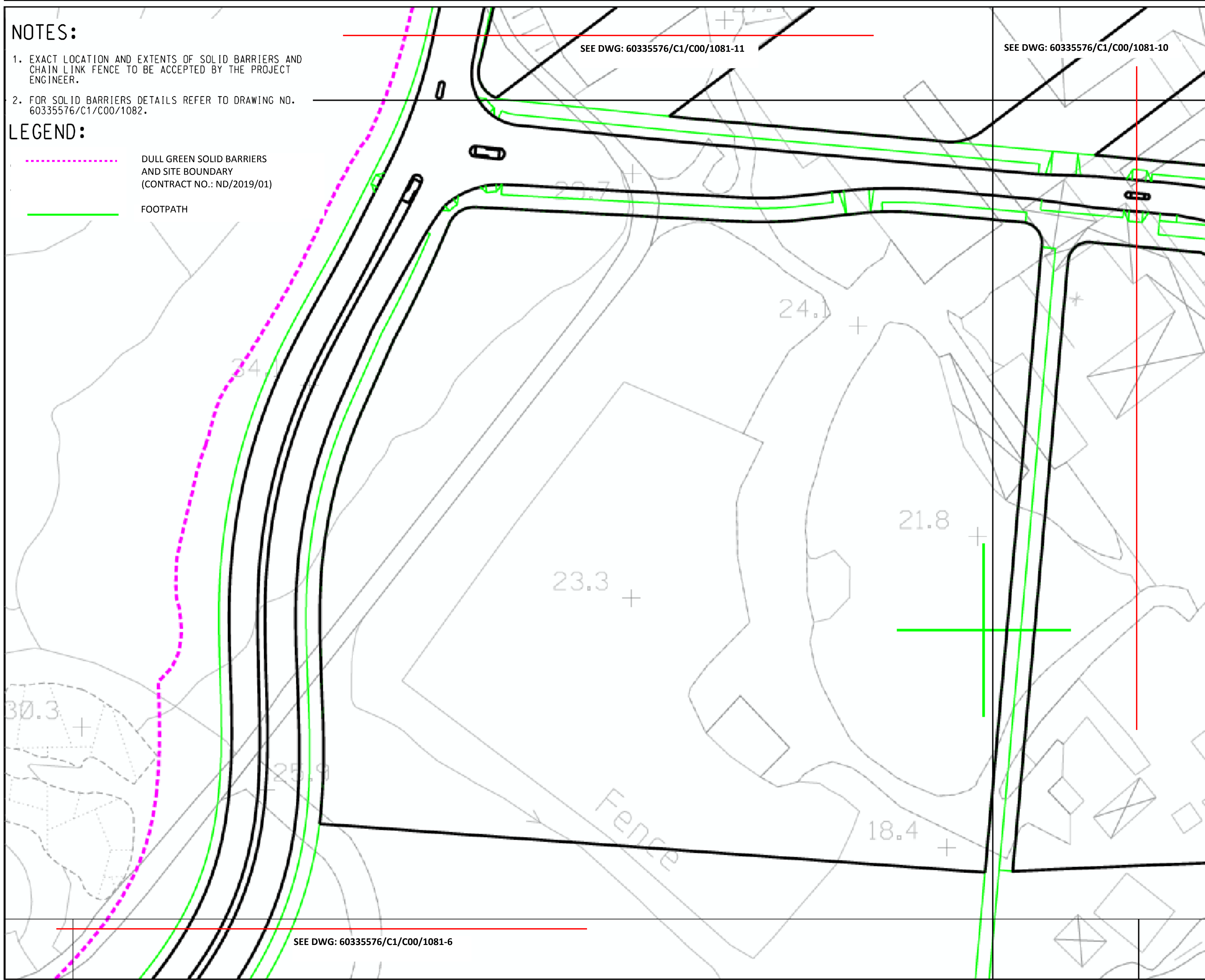
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NOTES:

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2. FOR SOLID BARRIERS DETAILS REFER TO DRAWING NO. 60335576/C1/C00/1082.

LEGEND:

-  DULL GREEN SOLID BARRIERS AND SITE BOUNDARY (CONTRACT NO.: ND/2019/01)
-  FOOTPATH



SEE DWG: 60335576/C1/C00/1081-11

SEE DWG: 60335576/C1/C00/1081-10

SEE DWG: 60335576/C1/C00/1081-6

BKREJV

TITLE OF DESIGNATED PROJECT:
KWU TUNG NORTH NEW DEVELOPMENT AREA ROAD D1 TO D5

CONTRACT TITLE:

CONTRACT NO.: ND/2019/01
KWU TUNG NORTH NEW DEVELOPMENT AREA, PHASE 1: SITE FORMATION AND INFRASTRUCTURE WORKS

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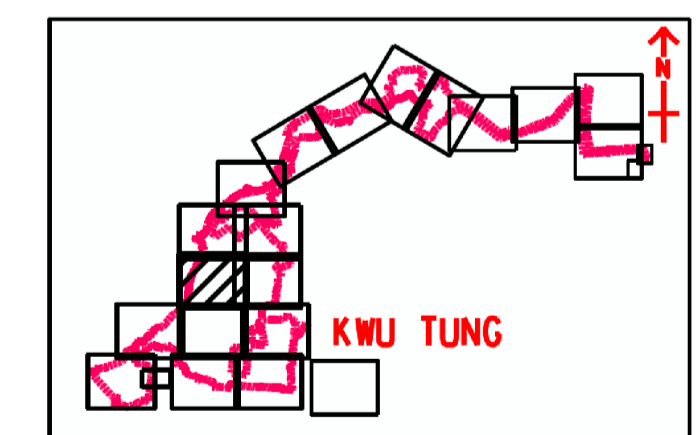
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DIMENSION UNIT

METRES

KEY PLAN



PROJECT NO.

60335576

CONTRACT NO.

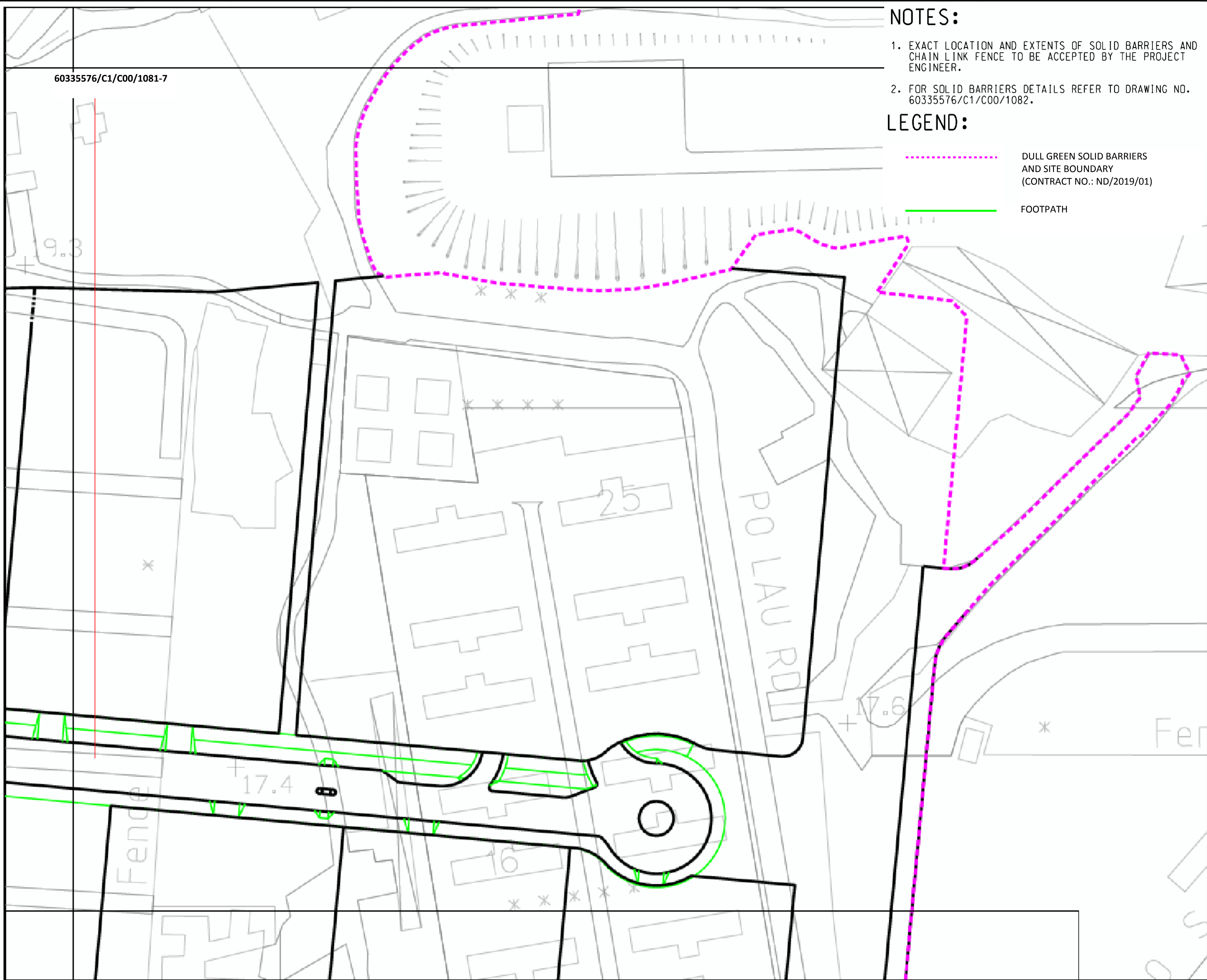
ND/2019/01

SHEET TITLE

DULL GREEN SOLID BARRIERS LAYOUT

SHEET NUMBER

60335576/C1/C00/1081-9



60335576/C1/C00/1081-7

NOTES:

1. EXACT LOCATION AND EXTENTS OF SOLID BARRIERS AND CHAIN LINK FENCE TO BE ACCEPTED BY THE PROJECT ENGINEER.
2. FOR SOLID BARRIERS DETAILS REFER TO DRAWING NO. 60335576/C1/C00/1082.

LEGEND:

- - - - - DULL GREEN SOLID BARRIERS AND SITE BOUNDARY (CONTRACT NO.: ND/2019/01)
- FOOTPATH

BKREJV

TITLE OF DESIGNATED PROJECT:
KWU TUNG NORTH NEW DEVELOPMENT AREA ROAD D1 TO D5

CONTRACT TITLE:
CONTRACT NO.: ND/2019/01
KWU TUNG NORTH NEW DEVELOPMENT AREA, PHASE 1: SITE FORMATION AND INFRASTRUCTURE WORKS

CLIENT
業主
CEDD 土木工程拓展署
Civil Engineering and Development Department

CONSULTANT
工程顧問公司
AECOM Asia Company Ltd.
www.aecom.com

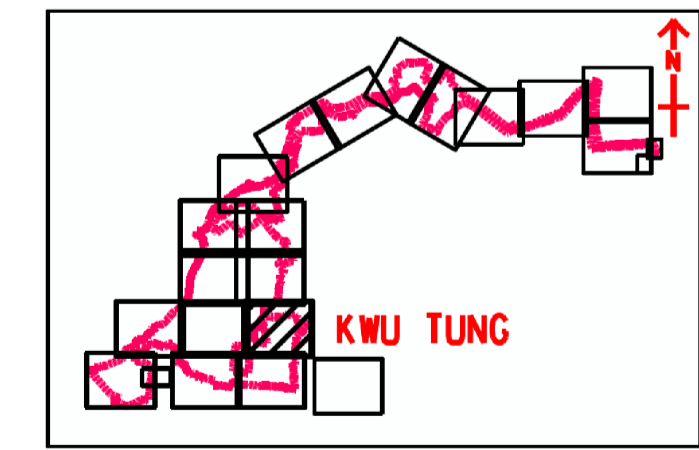
SUB-CONSULTANTS
分判工程顧問公司

STATUS
階段

SCALE 比例
A3 1:1000

DIMENSION UNIT 尺寸單位
METRES

KEY PLAN
索引圖



PROJECT NO. 項目編號
60335576

CONTRACT NO. 合約編號
ND/2019/01

SHEET TITLE
圖紙名稱

DULL GREEN SOLID BARRIERS LAYOUT

SHEET NUMBER
圖紙編號

60335576/C1/C00/1081-8

BKREJV

TITLE OF DESIGNATED PROJECT:

KWU TUNG NORTH NEW
DEVELOPMENT AREA ROAD D1 TO
D5

CONTRACT TITLE:

CONTRACT NO.: ND/2019/01
KWU TUNG NORTH NEW
DEVELOPMENT AREA, PHASE 1:
SITE FORMATION AND
INFRASTRUCTURE WORKS

CLIENT

業主
CEDD 土木工程拓展署
Civil Engineering and
Development Department

CONSULTANT

工程師有限公司
AECOM Asia Company Ltd.
www.aecom.com

SUB-CONSULTANTS

分判工程師有限公司

STATUS

階段

SCALE

比例

A3 1:1000

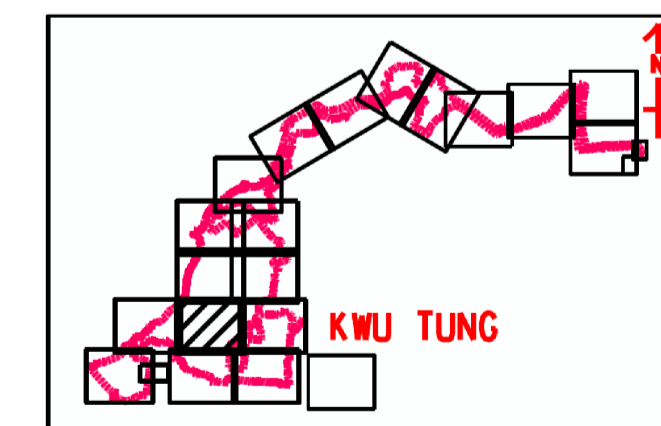
DIMENSION UNIT

尺寸單位

METRES

KEY PLAN

索引圖



PROJECT NO.

項目編號

60335576

CONTRACT NO.

合約編號

ND/2019/01

SHEET TITLE

圖紙名稱

DULL GREEN SOLID BARRIERS LAYOUT

SHEET NUMBER

圖紙編號
60335576/C1/C00/1081-7

SEE DWG: 60335576/C1/C00/1081-9



SEE DWG: 60335576/C1/C00/1081-6

SEE DWG: 60335576/C1/C00/1081-5

NOTES:

1. EXACT LOCATION AND EXTENTS OF SOLID BARRIERS AND CHAIN LINK FENCE TO BE ACCEPTED BY THE PROJECT ENGINEER.
2. FOR SOLID BARRIERS DETAILS REFER TO DRAWING NO. 60335576/C1/C00/1082.

LEGEND:

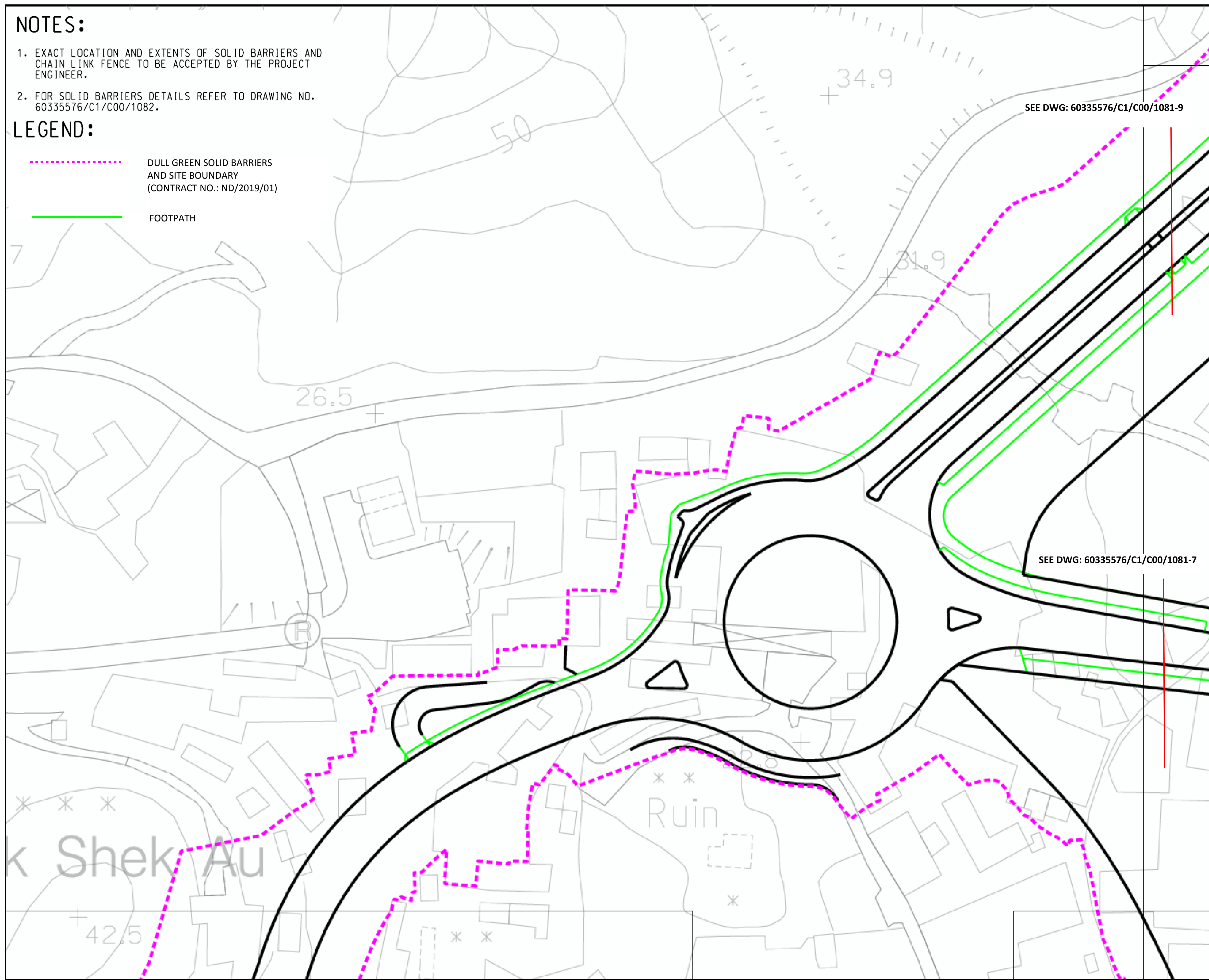
-  DULL GREEN SOLID BARRIERS AND SITE BOUNDARY (CONTRACT NO.: ND/2019/01)
-  FOOTPATH

NOTES:

1. EXACT LOCATION AND EXTENTS OF SOLID BARRIERS AND CHAIN LINK FENCE TO BE ACCEPTED BY THE PROJECT ENGINEER.
2. FOR SOLID BARRIERS DETAILS REFER TO DRAWING NO. 60335576/C1/C00/1082.

LEGEND:

- DULL GREEN SOLID BARRIERS AND SITE BOUNDARY (CONTRACT NO.: ND/2019/01)
- FOOTPATH



BKREJV

TITLE OF DESIGNATED PROJECT:
 KWU TUNG NORTH NEW
 DEVELOPMENT AREA ROAD D1 TO
 D5

CONTRACT TITLE:

CONTRACT NO.: ND/2019/01
**KWU TUNG NORTH NEW
 DEVELOPMENT AREA, PHASE 1:
 SITE FORMATION AND
 INFRASTRUCTURE WORKS**

CLIENT



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STATUS

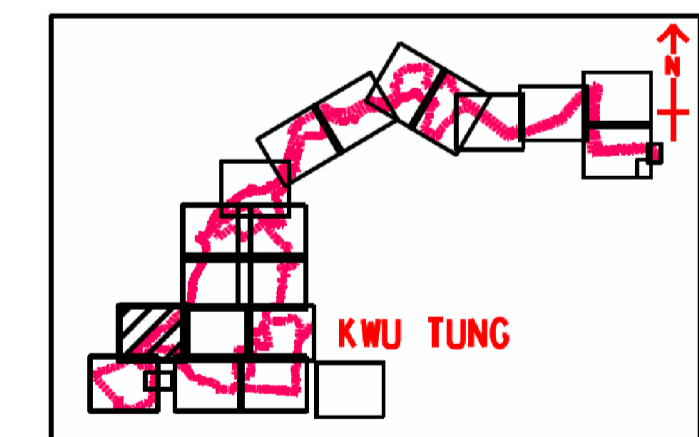
SCALE

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DIMENSION UNIT

METRES

KEY PLAN



PROJECT NO.

60335576

CONTRACT NO.

ND/2019/01

SHEET TITLE

**DULL GREEN SOLID
 BARRIERS LAYOUT**

SHEET NUMBER

60335576/C1/C00/1081-6

TITLE OF DESIGNATED PROJECT:

KWU TUNG NORTH NEW
DEVELOPMENT AREA ROAD D1 TO
D5

CONTRACT TITLE:

CONTRACT NO.: ND/2019/01
KWU TUNG NORTH NEW
DEVELOPMENT AREA, PHASE 1:
SITE FORMATION AND
INFRASTRUCTURE WORKS

CLIENT

土木工務發展署
Civil Engineering and
Development Department

CONSULTANT

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SUB-CONSULTANTS

分判工程師有限公司

STATUS

擬定

SCALE

比例

A3 1:1000

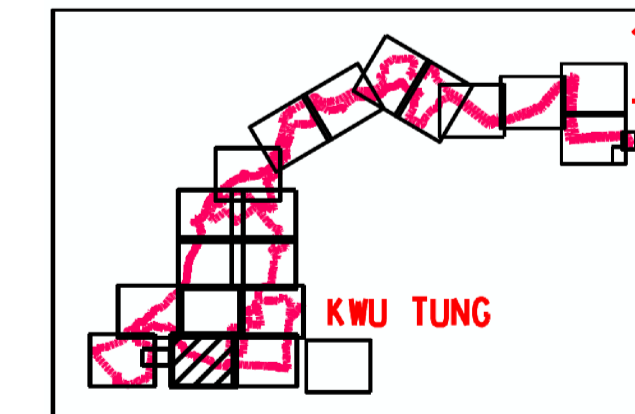
DIMENSION UNIT

尺寸單位

METRES

KEY PLAN

索引圖

**PROJECT NO.**

項目編號

60335576

CONTRACT NO.

合約編號

ND/2019/01

SHEET TITLE

圖紙名稱

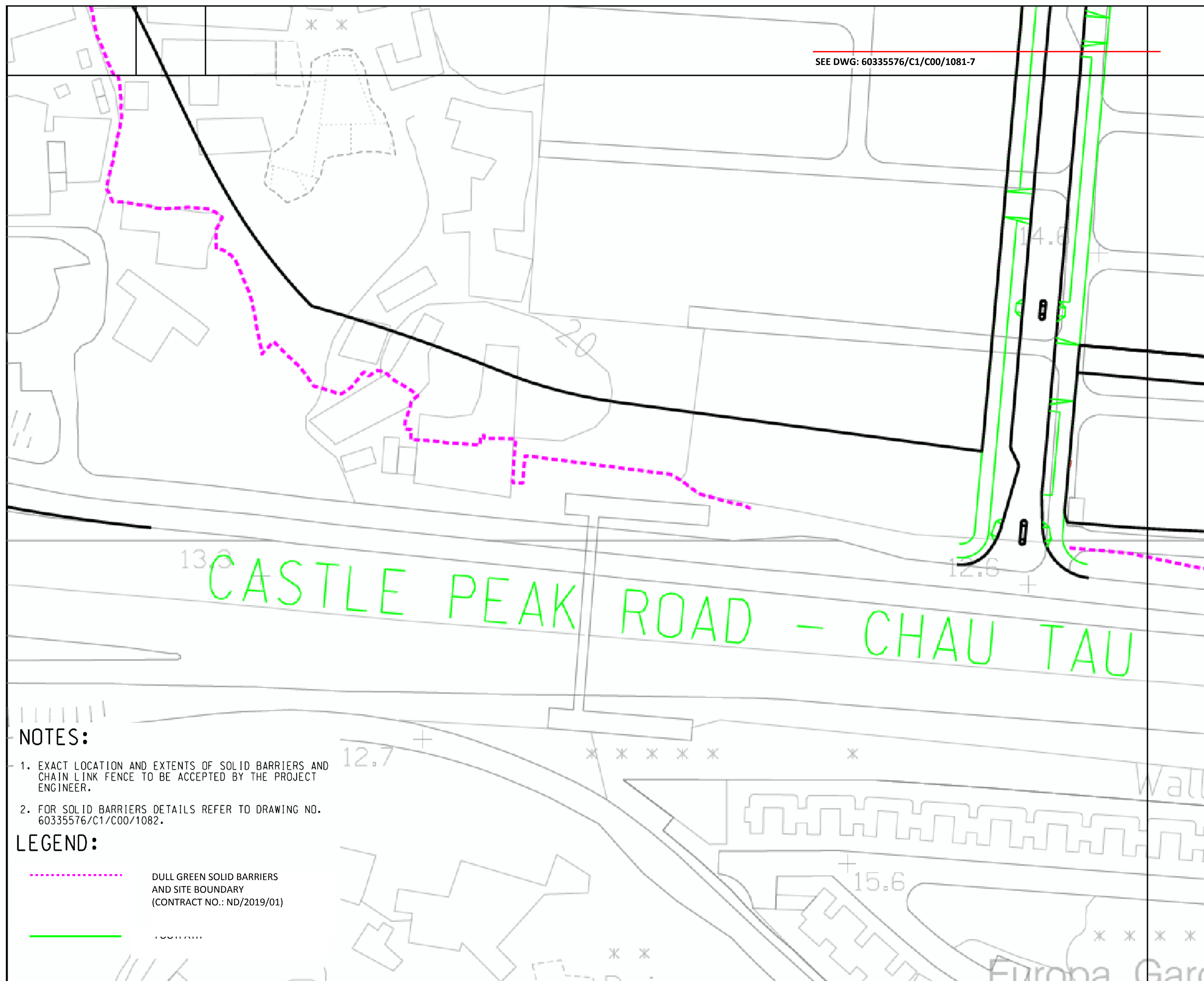
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BARRIERS LAYOUT**

SHEET NUMBER

圖紙編號

60335576/C1/C00/1081-5

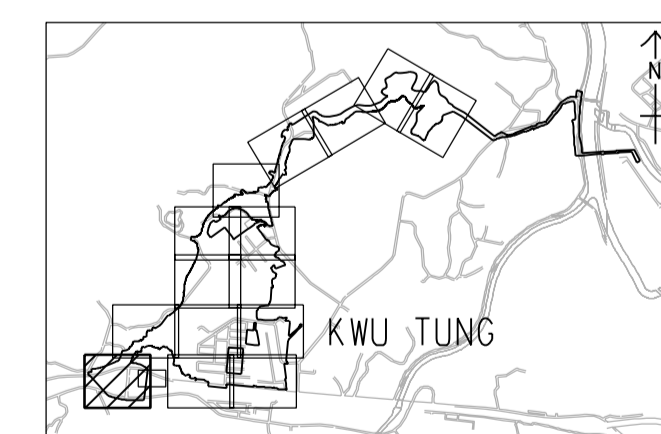
SEE DWG: 60335576/C1/C00/1081-7

**NOTES:**

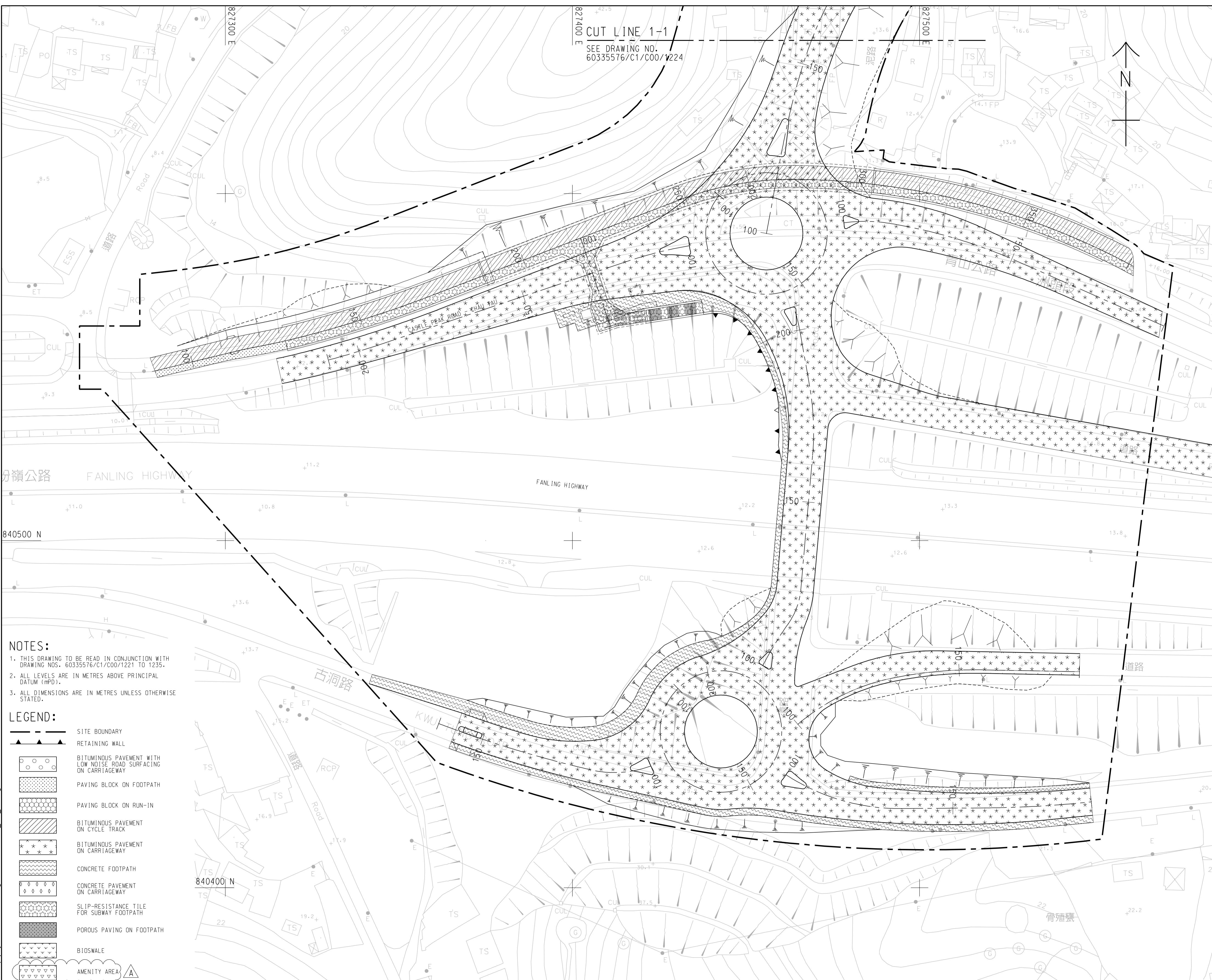
1. EXACT LOCATION AND EXTENTS OF SOLID BARRIERS AND CHAIN LINK FENCE TO BE ACCEPTED BY THE PROJECT ENGINEER.
2. FOR SOLID BARRIERS DETAILS REFER TO DRAWING NO. 60335576/C1/C00/1082.

LEGEND:

----- DULL GREEN SOLID BARRIERS AND SITE BOUNDARY (CONTRACT NO.: ND/2019/01)



Project Management Initials: Designer: TCKC Checked: YHH Approved: IHWL
ISO A1 594mm x 841mm
PLOT FILE BY: ZENGLI.Y2 2019/7/18
PATH: P:\Projects\60335576\Drawing\contract\11000\C1_C00_1221.dgn



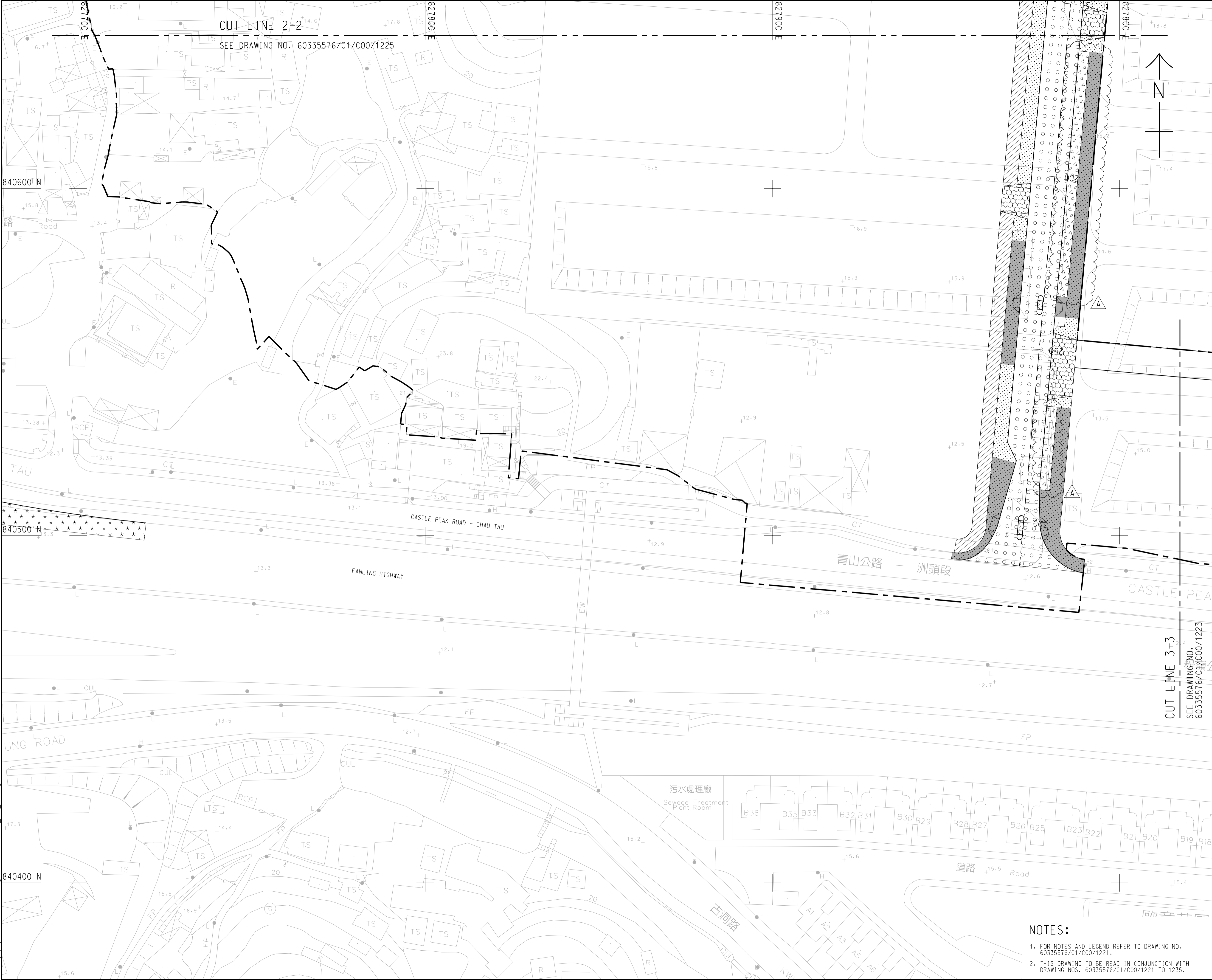
NOTES:
1. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60335576/C1/C00/1221 TO 1235.
2. ALL LEVELS ARE IN METRES ABOVE PRINCIPAL DATUM (mPD).
3. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE STATED.

LEGEND:

	SITE BOUNDARY
	RETAINING WALL
	BITUMINOUS PAVEMENT WITH LOW NOISE ROAD SURFACING ON CARRIAGEWAY
	PAVING BLOCK ON FOOTPATH
	PAVING BLOCK ON RUN-IN
	BITUMINOUS PAVEMENT ON CYCLE TRACK
	BITUMINOUS PAVEMENT ON CARRIAGEWAY
	CONCRETE FOOTPATH
	CONCRETE PAVEMENT ON CARRIAGEWAY
	SLIP-RESISTANCE TILE FOR SUBWAY FOOTPATH
	POROUS PAVING ON FOOTPATH
	BIOSWALE
	AMENITY AREA

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Project Management Initials: Designer: TCKC Checked: YHH Approved: HWL
 ISO A1 594mm x 841mm
 Pld File by: ZENGJY2 2019/7/17
 PATH: P:\Projects\60335576\Drawing\contract\11000\C1_C00_1222.dgn



BKREJV

TITLE OF DESIGNATED PROJECT:
 KWU TUNG NORTH NEW
 DEVELOPMENT AREA ROAD D1 TO
 D5

CONTRACT TITLE:
CONTRACT NO.: ND/2019/01
**KWU TUNG NORTH NEW
 DEVELOPMENT AREA, PHASE 1:
 SITE FORMATION AND
 INFRASTRUCTURE WORKS**

CLIENT
 業主
CEDD 土木工程拓展署
 Civil Engineering and
 Development Department

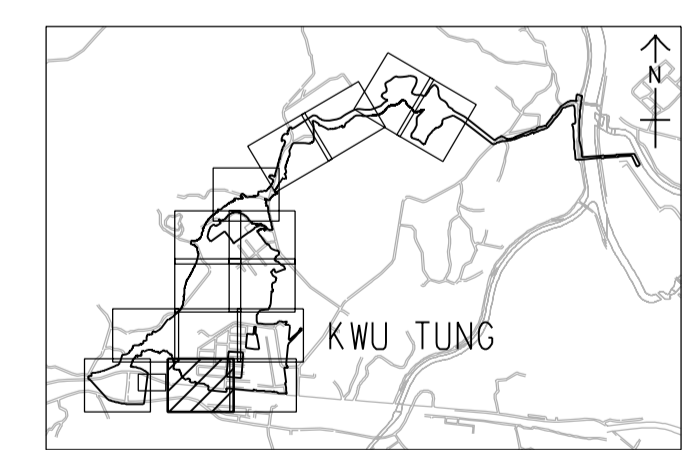
CONSULTANT
 工程師有限公司
AECOM Asia Company Ltd.
 www.aecom.com

SUB-CONSULTANTS
 分判工程師有限公司

STATUS
 圖則

SCALE **DIMENSION UNIT**
 比例 尺寸單位
A3 1:1000 **METRES**

KEY PLAN A1 1:40000
 索引圖



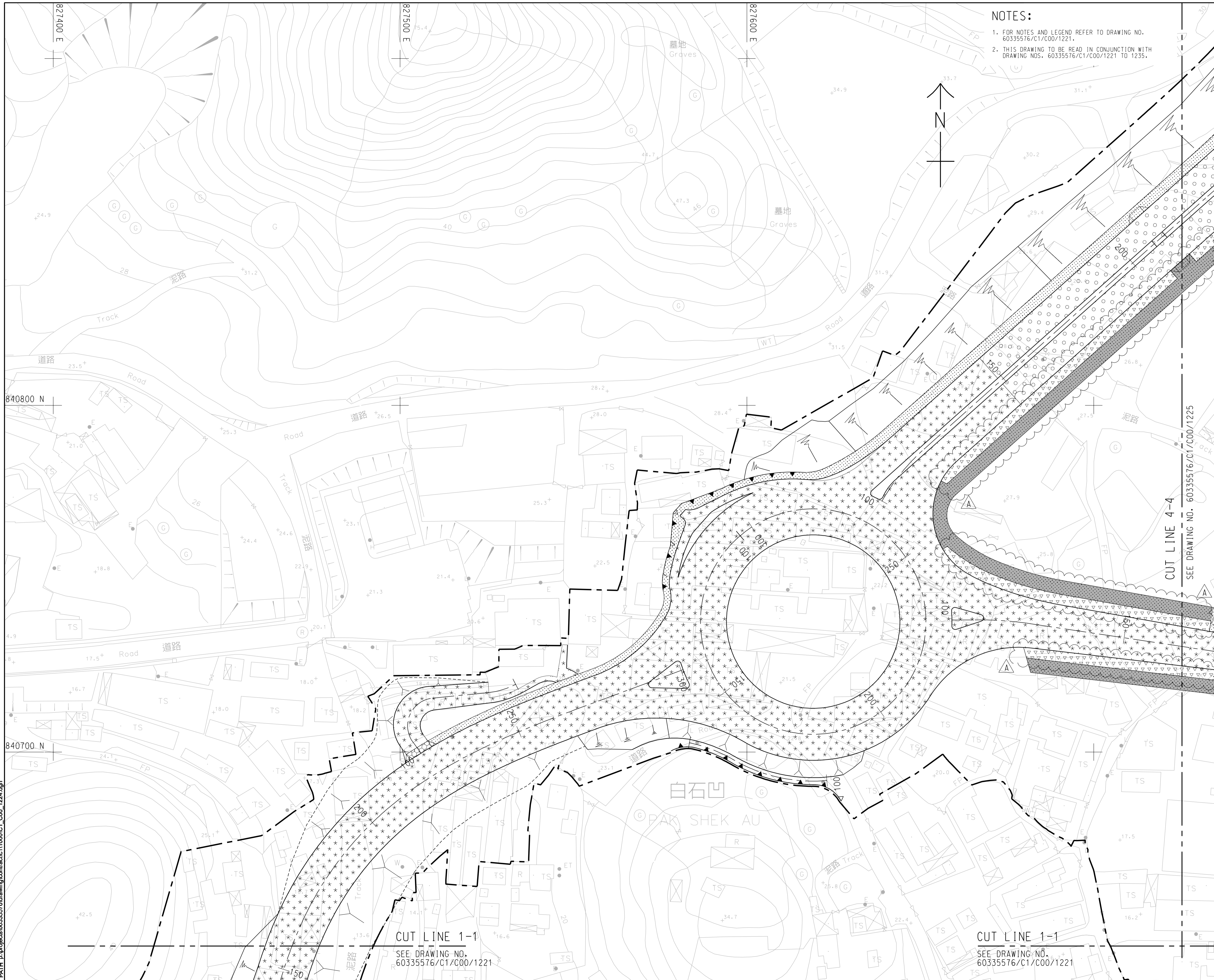
PROJECT NO. **CONTRACT NO.**
 項目編號 合約編號
60335576 **ND/2019/01**

SHEET TITLE
 圖紙名稱
PAVEMENT LAYOUT PLAN

SHEET NUMBER
 圖紙編號
60335576/C1/C00/1222A

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- NOTES:**
- FOR NOTES AND LEGEND REFER TO DRAWING NO. 60335576/C1/C00/1221.
 - THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60335576/C1/C00/1221 TO 1235.



NOTES:

1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60335576/C1/C00/1221.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60335576/C1/C00/1221 TO 1235.

BKREJV

TITLE OF DESIGNATED PROJECT:

KWU TUNG NORTH NEW DEVELOPMENT AREA ROAD D1 TO D5

CONTRACT TITLE:
CONTRACT NO.: ND/2019/01
KWU TUNG NORTH NEW DEVELOPMENT AREA, PHASE 1: SITE FORMATION AND INFRASTRUCTURE WORKS

CLIENT

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Civil Engineering and Development Department

CONSULTANT

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SUB-CONSULTANTS

分判工程顧問公司

STATUS

編製

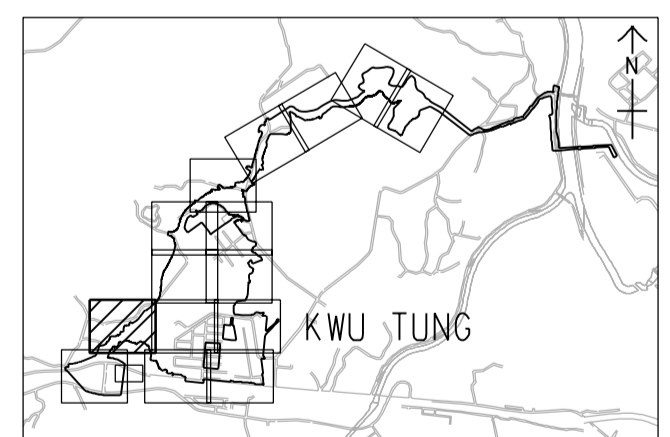
SCALE

A3 1:1000

DIMENSION UNIT

METRES

KEY PLAN A1 1:40000



PROJECT NO.

60335576

CONTRACT NO.

ND/2019/01

SHEET TITLE

PAVEMENT LAYOUT PLAN

SHEET NUMBER

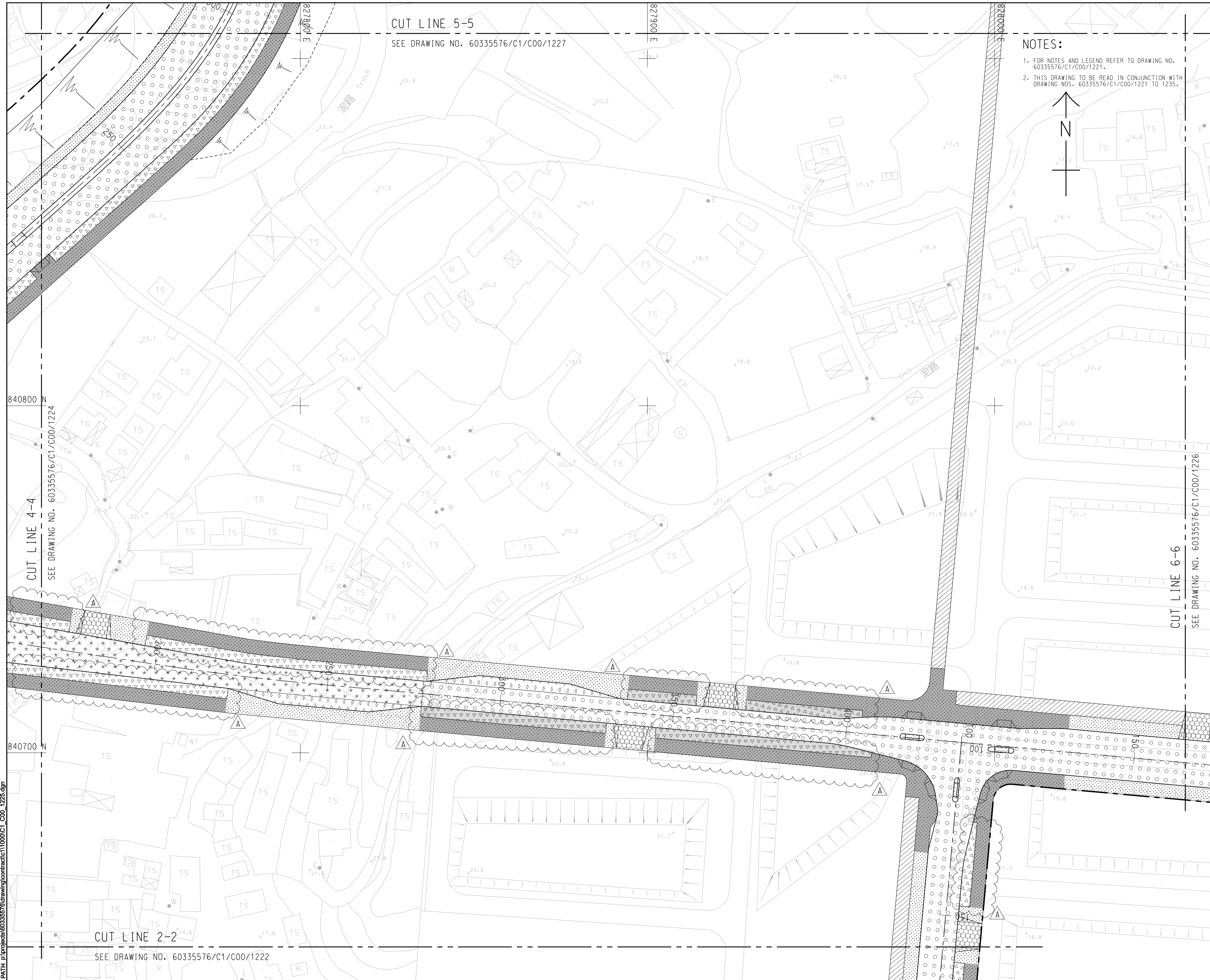
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SHEET 4 OF 15

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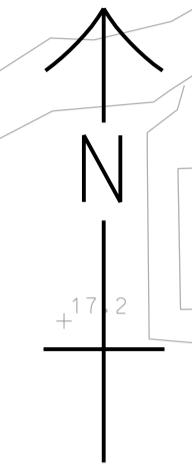
Project Management Initials: Designer: TCKC Checked: YHH Approved: IHWL

Pld File by: ZENGJL2 2019/7/17
PATH: P:\Projects\60335576\Drawing\contract\11000\C1_C00_1225.dgn



NOTES:

1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60335576/C1/C00/1221.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60335576/C1/C00/1221 TO 1235.



BKREJV

TITLE OF DESIGNATED PROJECT:

....
KWU TUNG NORTH NEW
DEVELOPMENT AREA ROAD D1 TO
D5

CONTRACT TITLE:
CONTRACT NO.: ND/2019/01
KWU TUNG NORTH NEW
DEVELOPMENT AREA, PHASE 1:
SITE FORMATION AND
INFRASTRUCTURE WORKS

CLIENT



CONSULTANT

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SUB-CONSULTANTS

分列工程顧問公司

STATUS

擬定

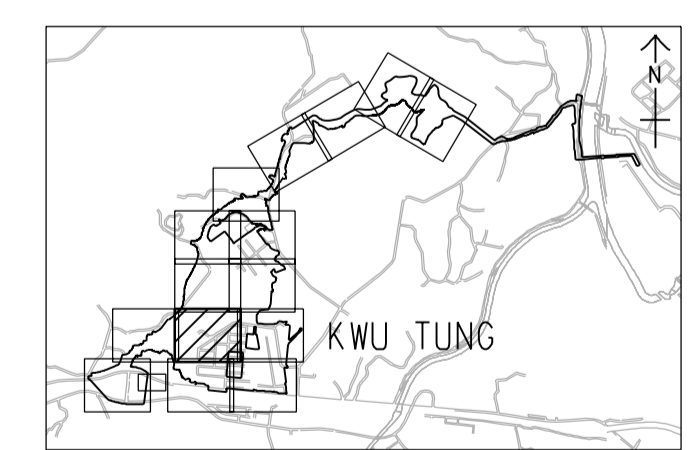
SCALE

A3 1:1000

DIMENSION UNIT

METRES

KEY PLAN A1 1:40000



PROJECT NO.

60335576

CONTRACT NO.

ND/2019/01

SHEET TITLE

PAVEMENT LAYOUT PLAN

SHEET NUMBER

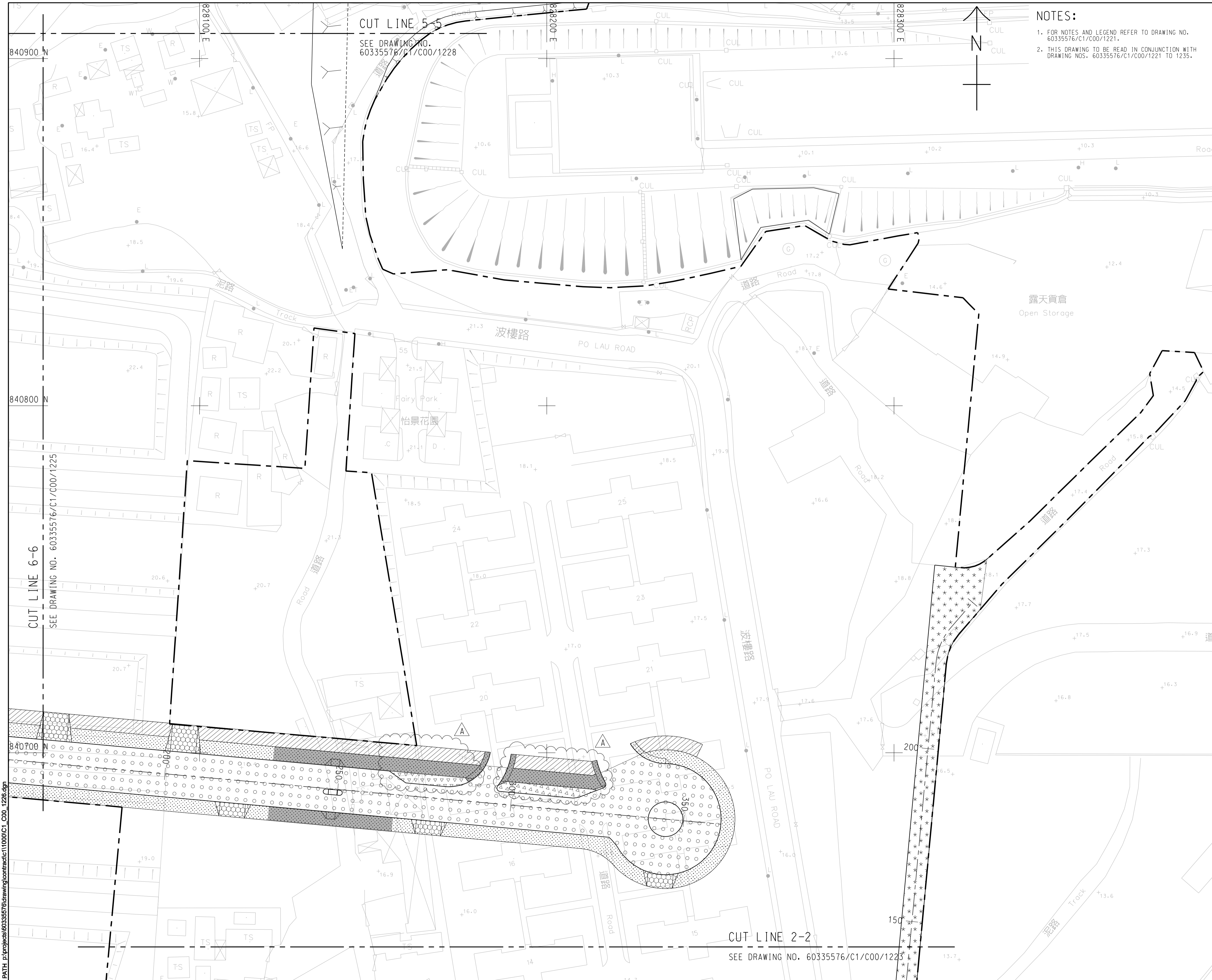
60335576/C1/C00/1225A

SHEET 5 OF 15

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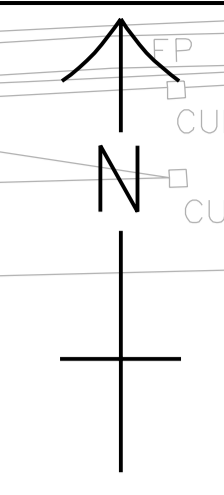
Project Management Initials: Designer: TCKC Checked: YHH Approved: IHWL

Plot File by: ZENGJLY2 2019/7/17
PATH: P:\Projects\60335576\Drawing\contract\11000\C1_C00_1226.dgn



NOTES:

1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60335576/C1/C00/1221.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60335576/C1/C00/1221 TO 1235.



BKREJV

TITLE OF DESIGNATED PROJECT:
KWU TUNG NORTH NEW
DEVELOPMENT AREA ROAD D1 TO
D5

CONTRACT TITLE:
CONTRACT NO.: ND/2019/01
**KWU TUNG NORTH NEW
DEVELOPMENT AREA, PHASE 1:
SITE FORMATION AND
INFRASTRUCTURE WORKS**

CLIENT
業主
CEDD 土木工程拓展署
Civil Engineering and
Development Department

CONSULTANT
工程師有限公司
AECOM Asia Company Ltd.
www.aecom.com

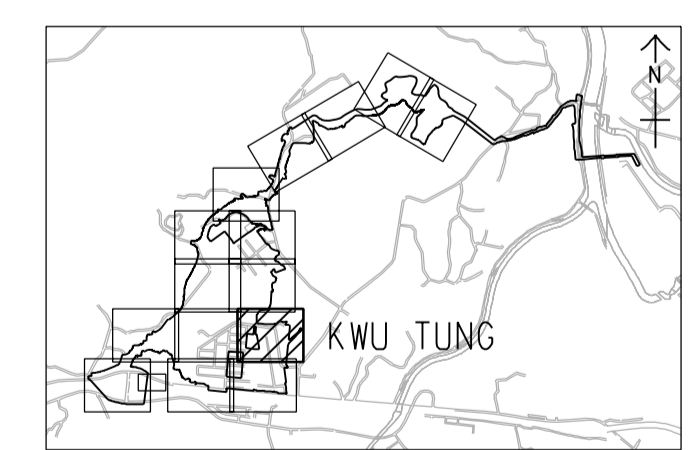
SUB-CONSULTANTS
分判工程師有限公司

STATUS
圖則

SCALE
比例
A3 1:1000

DIMENSION UNIT
尺寸單位
METRES

KEY PLAN A1 1:40000
索引圖



PROJECT NO.
項目編號
60335576

CONTRACT NO.
合約編號
ND/2019/01

SHEET TITLE
圖紙名稱
PAVEMENT LAYOUT PLAN

SHEET NUMBER
圖紙編號
60335576/C1/C00/1226A

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CUT LINE 2-2
SEE DRAWING NO. 60335576/C1/C00/1223

CUT LINE 6-6
SEE DRAWING NO. 60335576/C1/C00/1225

CUT LINE 5-5
SEE DRAWING NO. 60335576/C1/C00/1228

ISO A1 594mm x 841mm
Approved: IHWL
Checked: YHH
Designer: TCKC
Project Management Initials:

NOTES:

1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60335576/C1/C00/1221.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60335576/C1/C00/1221 TO 1235.

841100 N

841000 N

2019/7/17
L1ANJ2
60335576/DRAWING/CONTRACT/C11000/C1_C00_1227.dgn

821800 E

821900 E

828000 E

CUT LINE 7-7

SEE DRAWING NO. 60335576/C1/C00/1229

CUT LINE 5-5

SEE DRAWING NO. 60335576/C1/C00/1225

CUT LINE 6-6
SEE DRAWING NO. 60335576/C1/C00/1228

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BKREJV

TITLE OF DESIGNATED PROJECT:

KWU TUNG NORTH NEW
DEVELOPMENT AREA ROAD D1 TO
D5

CONTRACT TITLE:
CONTRACT NO.: ND/2019/01
KWU TUNG NORTH NEW
DEVELOPMENT AREA, PHASE 1:
SITE FORMATION AND
INFRASTRUCTURE WORKS

CLIENT

土木工務發展署
Civil Engineering and
Development Department

CONSULTANT

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SUB-CONSULTANTS

分列工程顧問公司

STATUS

圖樣

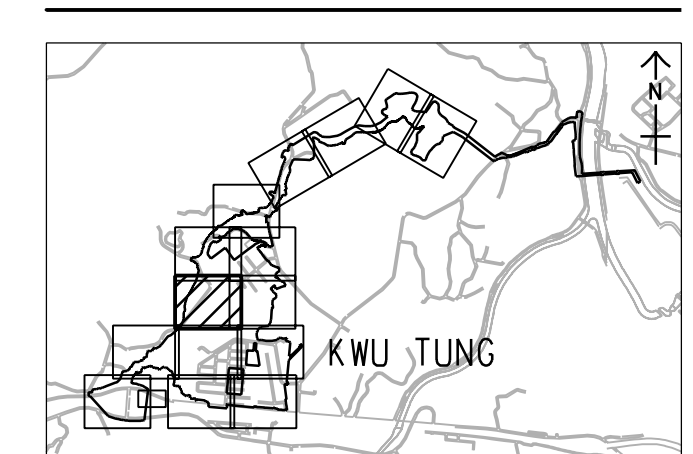
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DIMENSION UNIT

METRES

KEY PLAN A1 1:40000



PROJECT NO.

60335576

CONTRACT NO.

ND/2019/01

SHEET TITLE

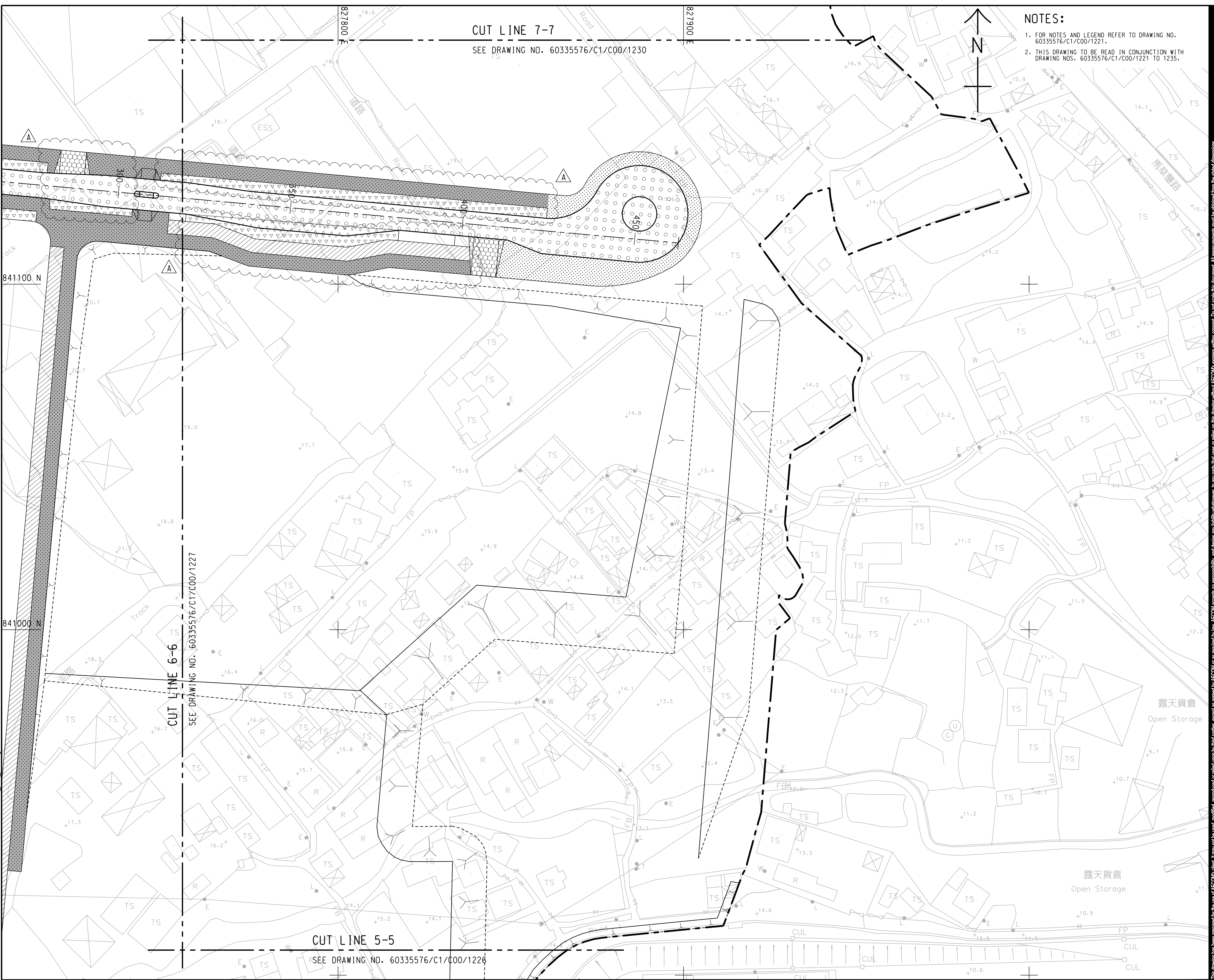
PAVEMENT LAYOUT PLAN

SHEET NUMBER

60335576/C1/C00/1227A

SHEET 7 OF 15

Project Management Initials: **YHH** Designer: **TCKC** Checked: **YHH** Approved: **IHWL** ISO A1 594mm x 841mm
 2019/7/17
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NOTES:

1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60335576/C1/C00/1221.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60335576/C1/C00/1221 TO 1235.

BKREJV

TITLE OF DESIGNATED PROJECT:
 KWU TUNG NORTH NEW
 DEVELOPMENT AREA ROAD D1 TO
 D5

CONTRACT TITLE:
CONTRACT NO.: ND/2019/01
 KWU TUNG NORTH NEW
 DEVELOPMENT AREA, PHASE 1:
 SITE FORMATION AND
 INFRASTRUCTURE WORKS

CLIENT
 土木工程拓展署
CEDD Civil Engineering and
 Development Department

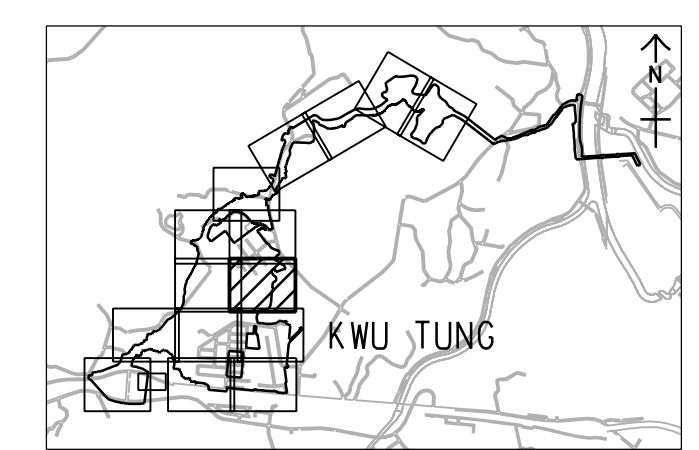
CONSULTANT
 工務顧問公司
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SUB-CONSULTANTS
 分列工務顧問公司

STATUS
 圖則

SCALE **DIMENSION UNIT**
 比例 尺寸單位
A3 1:1000 **METRES**

KEY PLAN A1 1:40000
 索引圖



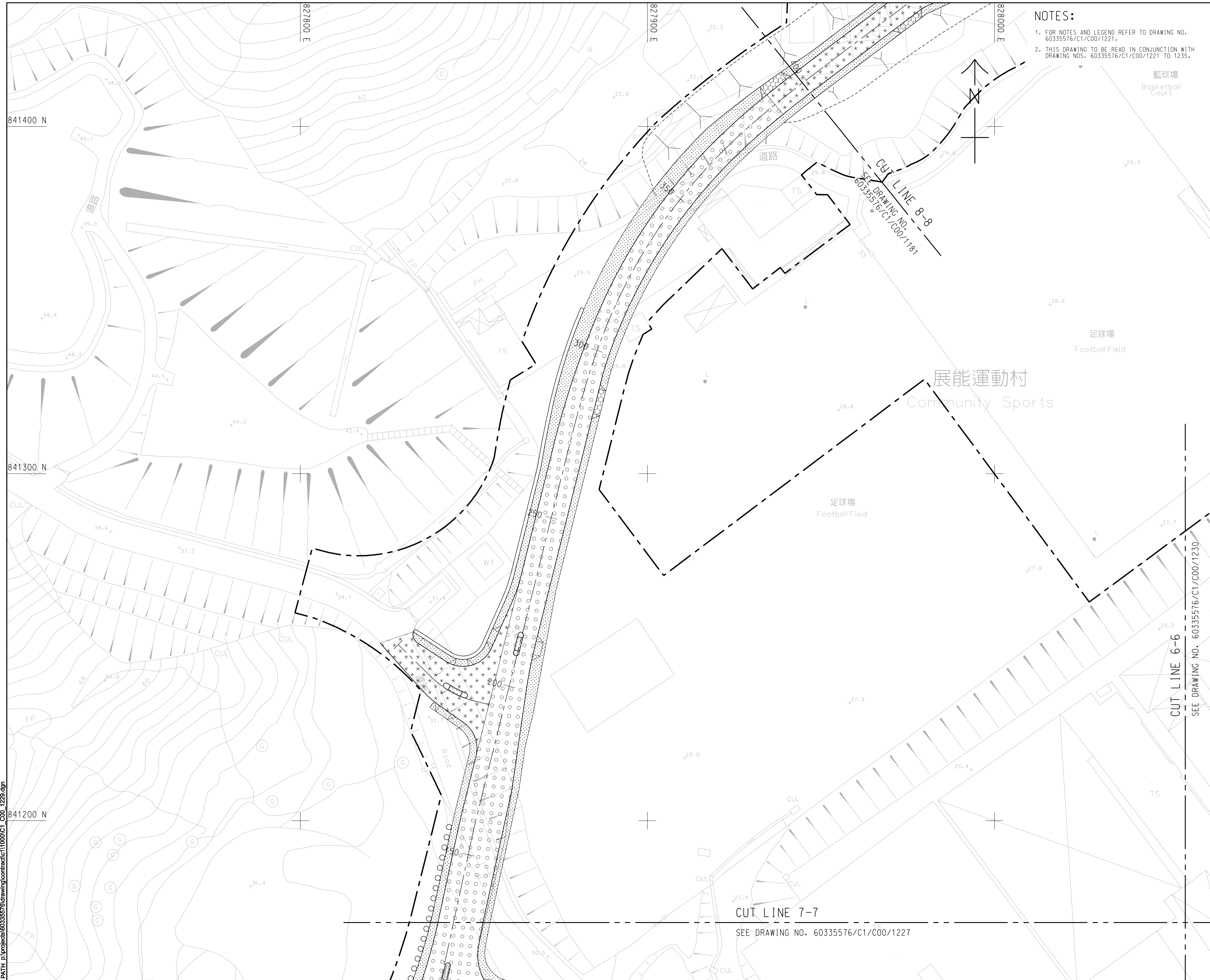
PROJECT NO. **CONTRACT NO.**
 項目編號 合約編號
 60335576 ND/2019/01

SHEET TITLE
 圖則名稱
 PAVEMENT LAYOUT PLAN

SHEET NUMBER
 圖則編號
 60335576/C1/C00/1228A

SHEET 8 OF 15

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NOTES:

1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60335576/C1/C00/1221.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWING NOS. 60335576/C1/C00/1221 TO 1235.

BKREJV

TITLE OF DESIGNATED PROJECT:

KWU TUNG NORTH NEW DEVELOPMENT AREA ROAD D1 TO D5

CONTRACT TITLE:
CONTRACT NO.: ND/2019/01
 KWU TUNG NORTH NEW DEVELOPMENT AREA, PHASE 1:
SITE FORMATION AND INFRASTRUCTURE WORKS

CLIENT



CONSULTANT

AECOM Asia Company Ltd.
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SUB-CONSULTANTS

分列工程顧問公司

STATUS

擬定

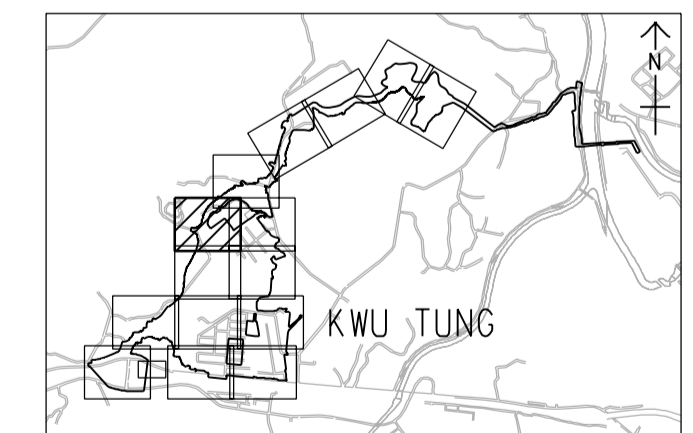
SCALE

A3 1:1000

DIMENSION UNIT

METRES

KEY PLAN A1 1:40000



PROJECT NO.

60335576

CONTRACT NO.

ND/2019/01

SHEET TITLE

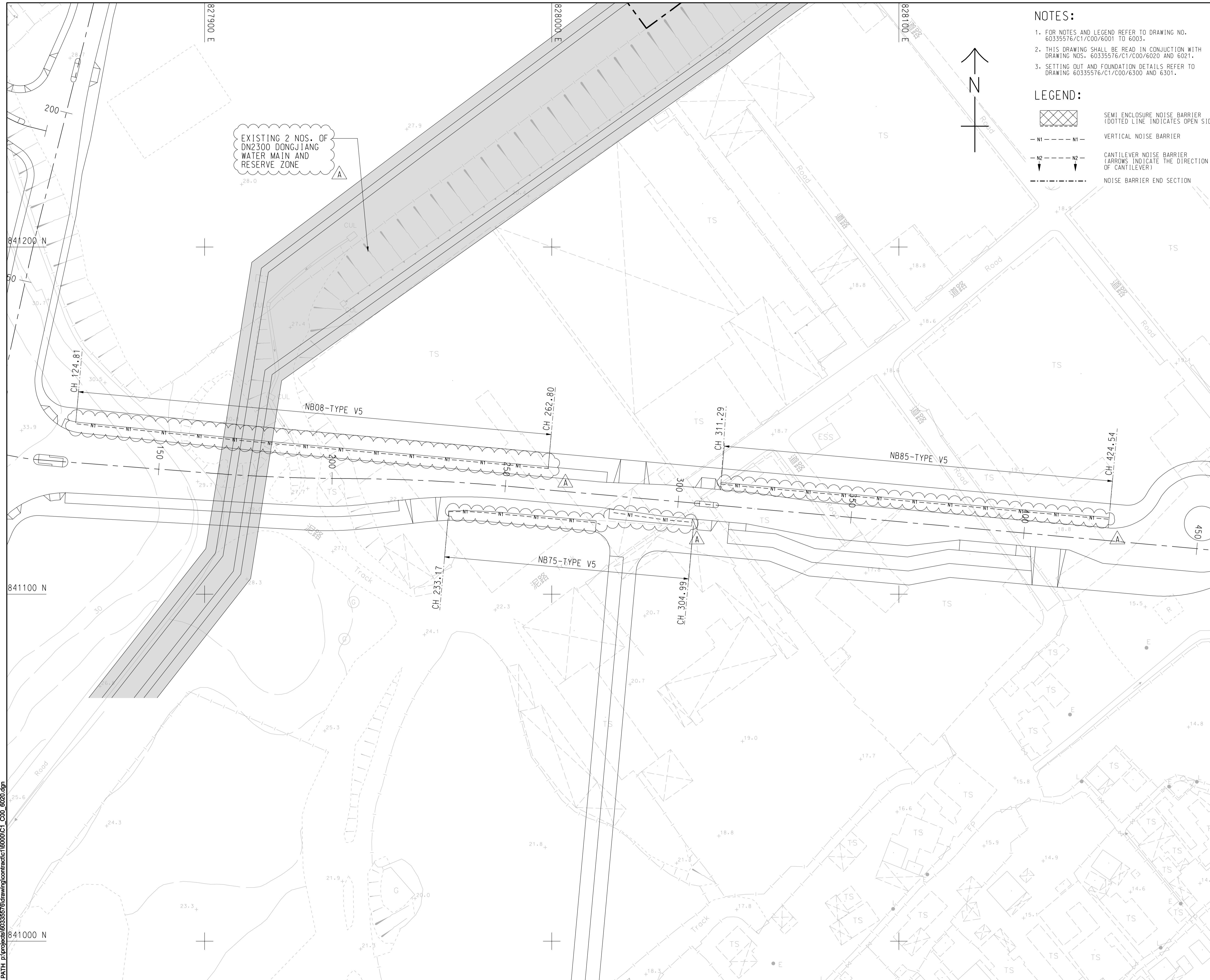
PAVEMENT LAYOUT PLAN

SHEET NUMBER

60335576/C1/C00/1229

SHEET 9 OF 15

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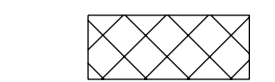
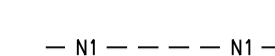
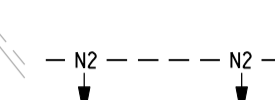
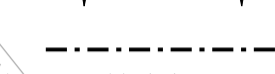


EXISTING 2 NOS. OF
 DN2300 DONGJIANG
 WATER MAIN AND
 RESERVE ZONE

NOTES:

1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60335576/C1/C00/6001 TO 6003.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING NOS. 60335576/C1/C00/6020 AND 6021.
3. SETTING OUT AND FOUNDATION DETAILS REFER TO DRAWING 60335576/C1/C00/6300 AND 6301.

LEGEND:

-  SEMI ENCLOSURE NOISE BARRIER (DOTTED LINE INDICATES OPEN SIDE)
-  VERTICAL NOISE BARRIER
-  CANTILEVER NOISE BARRIER (ARROWS INDICATE THE DIRECTION OF CANTILEVER)
-  NOISE BARRIER END SECTION

BKREJV

TITLE OF DESIGNATED PROJECT:

KWU TUNG NORTH NEW
 DEVELOPMENT AREA ROAD D1 TO
 D5

CONTRACT TITLE:

CONTRACT NO.: ND/2019/01
**KWU TUNG NORTH NEW
 DEVELOPMENT AREA, PHASE 1:
 SITE FORMATION AND
 INFRASTRUCTURE WORKS**

CLIENT

 土木工程拓展署
 Civil Engineering and
 Development Department

CONSULTANT

工務顧問公司
 AECOM Asia Company Ltd.
 www.aecom.com

SUB-CONSULTANTS

分判工程顧問公司

STATUS

圖紙

SCALE

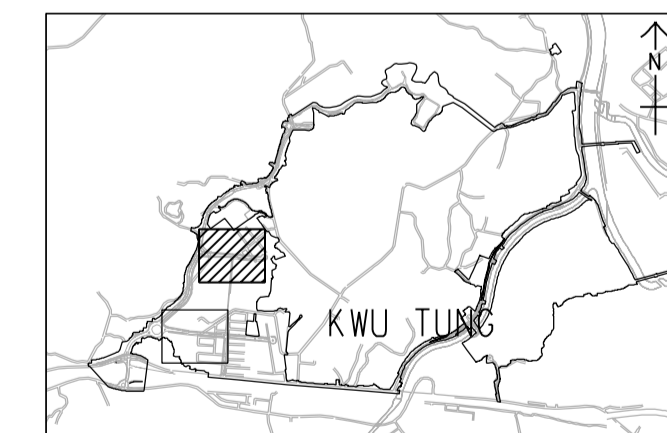
比例
A3 1:1000

DIMENSION UNIT

尺寸單位
 METRES

KEY PLAN A1 1:100000

索引圖



PROJECT NO.

項目編號
 60335576

CONTRACT NO.

合約編號
 ND/2019/01

SHEET TITLE

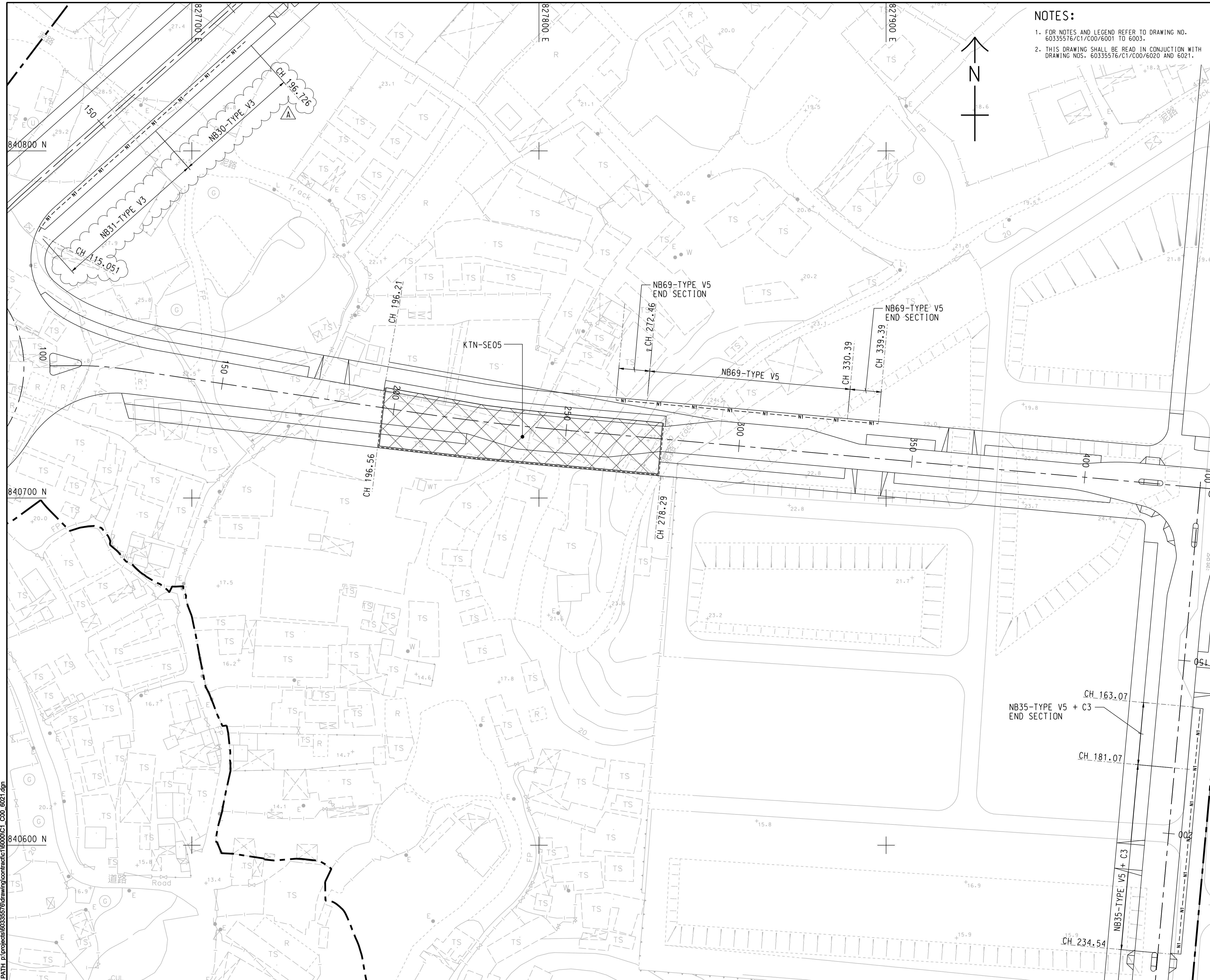
圖紙名稱
**NOISE BARRIER AND
 SEMI ENCLOSURE
 LAYOUT PLAN**

SHEET NUMBER

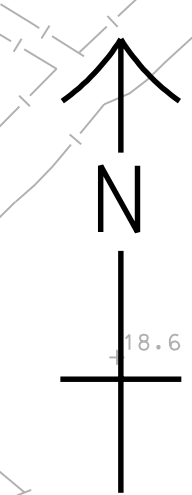
圖紙編號
 60335576/C1/C00/6020A

SHEET 1 OF 2

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NOTES:
 1. FOR NOTES AND LEGEND REFER TO DRAWING NO. 60335576/C1/C00/6001 TO 6003.
 2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING NOS. 60335576/C1/C00/6020 AND 6021.



BKREJV

TITLE OF DESIGNATED PROJECT:
 KWU TUNG NORTH NEW
 DEVELOPMENT AREA ROAD D1 TO
 D5

CONTRACT TITLE:
 CONTRACT NO.: ND/2019/01
 KWU TUNG NORTH NEW
 DEVELOPMENT AREA, PHASE 1:
 SITE FORMATION AND
 INFRASTRUCTURE WORKS

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 Development Department

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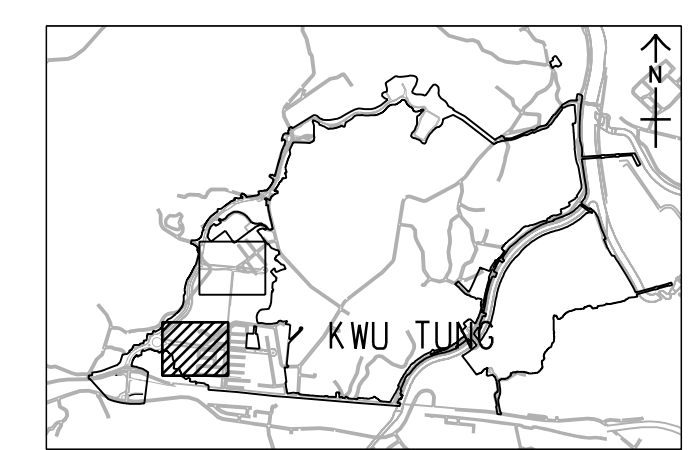
SUB-CONSULTANTS
 分判工程顧問公司

STATUS
 圖則

SCALE
 比例
A3 1:1000

DIMENSION UNIT
 尺寸單位
 METRES

KEY PLAN A1 1:10000
 索引圖



PROJECT NO.
 項目編號
 60335576

CONTRACT NO.
 合約編號
 ND/2019/01

SHEET TITLE
 圖則名稱
 NOISE BARRIER AND
 SEMI ENCLOSURE
 LAYOUT PLAN

SHEET NUMBER
 圖則編號
 60335576/C1/C00/6021A

SHEET 2 OF 2

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