

**Summary of submission (EP-470/2013)**

***Submission of Location Plans***

**Cl. 2.5 of EP-470/2013** 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 measure.

**Table of Summary for Submission**

<b>Requirement of Cl.2.5 of EP-470/2013</b>	<b>Dwg No. 60335576/C1/C00/1081-1</b>  (For EP-470/2013, EP-468/2013/A, EP-467/2013/A and EP-466/2013)	<b>Dwg No. 60335576/C1/C00/1081-2 and 60335576/C1/C00/1081-3 60335576/C1/C00/1081-4</b>  (For EP-470/2013 only)	<b>Dwg. No. 60335576/C1/C00/1113Aa and 60335576/C1/C00/1114Aa</b>  (For EP-470/2013 only)	<b>Dwg. No. 60335576/C1/C00/1126, 60335576/C1/C00/1127 and 60335576/C1/C00/1129A</b>  (For EP-470/2013 only)	<b>Dwg No. 60335576/C1/C00/1121 and 60335576/C1/C00/1101</b>  (Original contract drawings. For legend reference only)
(i) Scale of 1:1000 or other appropriate scale as agreed with the Director	<b>Scale: A1 1:5000</b>  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)	<b>Scale: A3 1:1000</b>	<b>Scale: A3 1:1000</b>	<b>Scale: A1 Hor. 1:1000 Ver. 1:250</b>	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/C00/1113Aa and 60335576/C1/C00/1114Aa and
(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.	Dwg. No. 60335576/C1/C00/1121 for Dwg. No. 60335576/C1/C00/1126, 60335576/C1/C00/1127 and 60335576/C1/C00/1129A)
(iii) The locations of key environmental mitigation measure	-	Location of key environmental mitigation measure (i.e. dull green solid barrier) is indicated.			

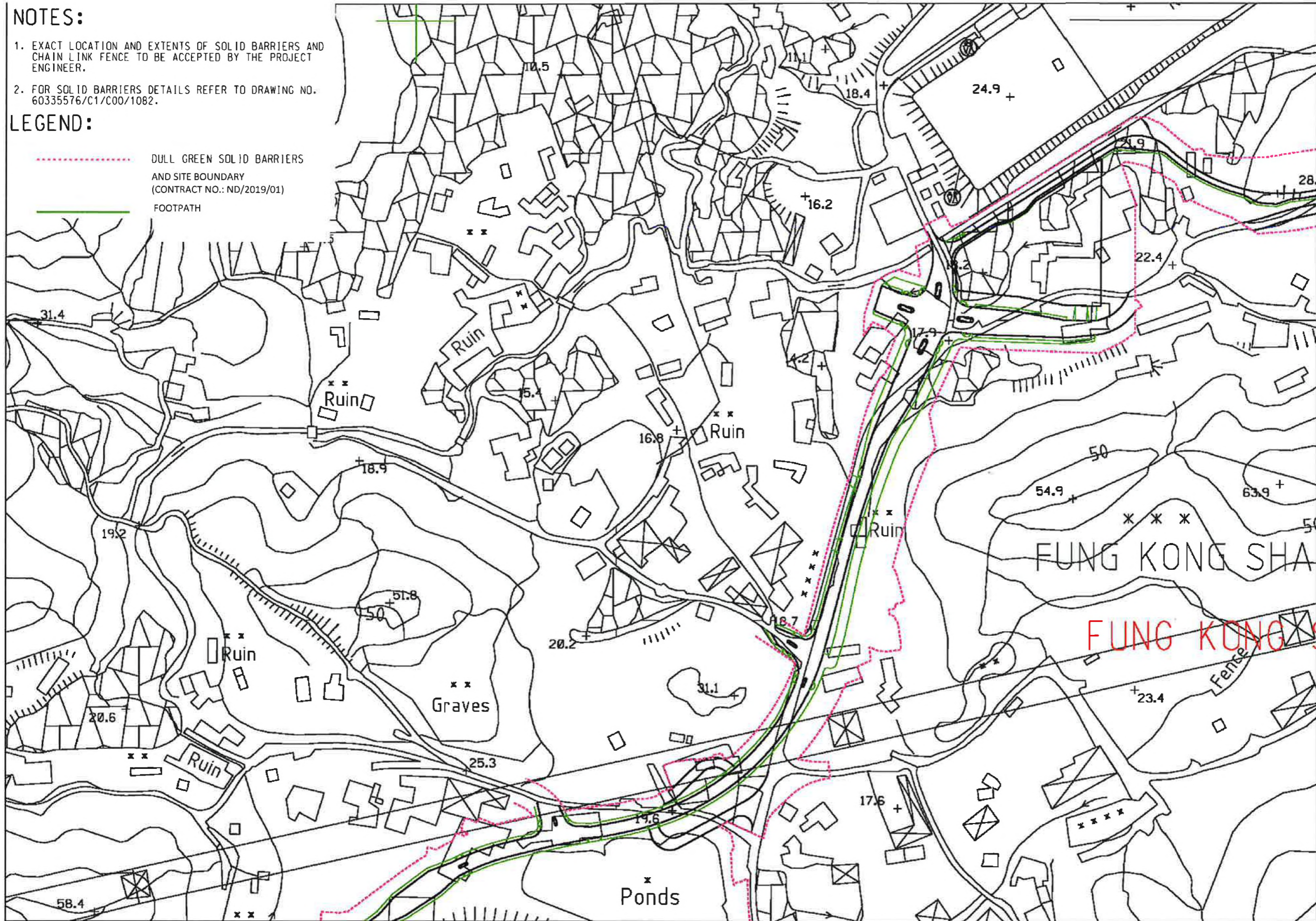


**NOTES:**

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:**  
**UTILIZATION OF TREATED SEWAGE EFFLUENT (TSE) FROM SHEK WU HUI SEWAGE TREATMENT WORKS**

**CONTRACT TITLE:**

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

**CLIENT**



**CONSULTANT**

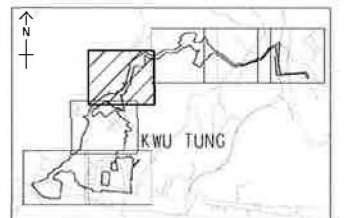
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**SUB-CONSULTANTS**

**STATUS**

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

**KEY PLAN**



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

**SHEET TITLE**  
**DULL GREEN SOLID BARRIERS LAYOUT**



**SHEET NUMBER**  
 60335576/C1/C00/1081-2



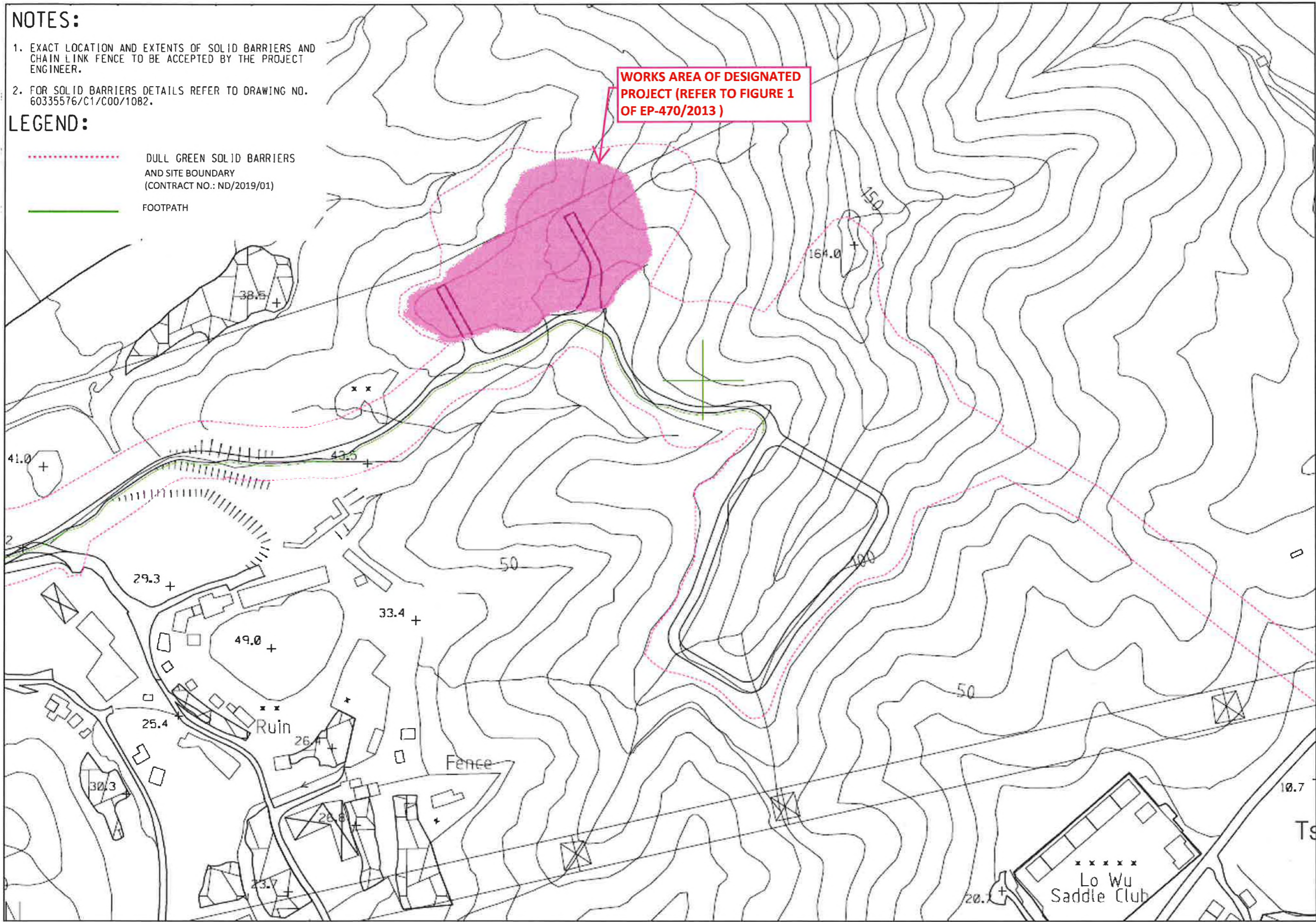
**NOTES:**

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

**WORKS AREA OF DESIGNATED PROJECT (REFER TO FIGURE 1 OF EP-470/2013)**



**BKREJV**

**TITLE OF DESIGNATED PROJECT:**  
**UTILIZATION OF TREATED SEWAGE EFFLUENT (TSE) FROM SHEK WU HUI SEWAGE TREATMENT WORKS**

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

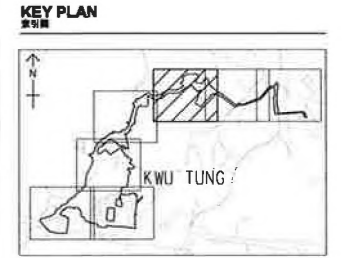
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 Civil Engineering and Development Department

**CONSULTANT**  
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**SUB-CONSULTANTS**  


**STATUS**  
 圖則

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



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

**SHEET TITLE**  
**DULL GREEN SOLID BARRIERS LAYOUT**

**SHEET NUMBER**  
 60335576/C1/C00/1081-3

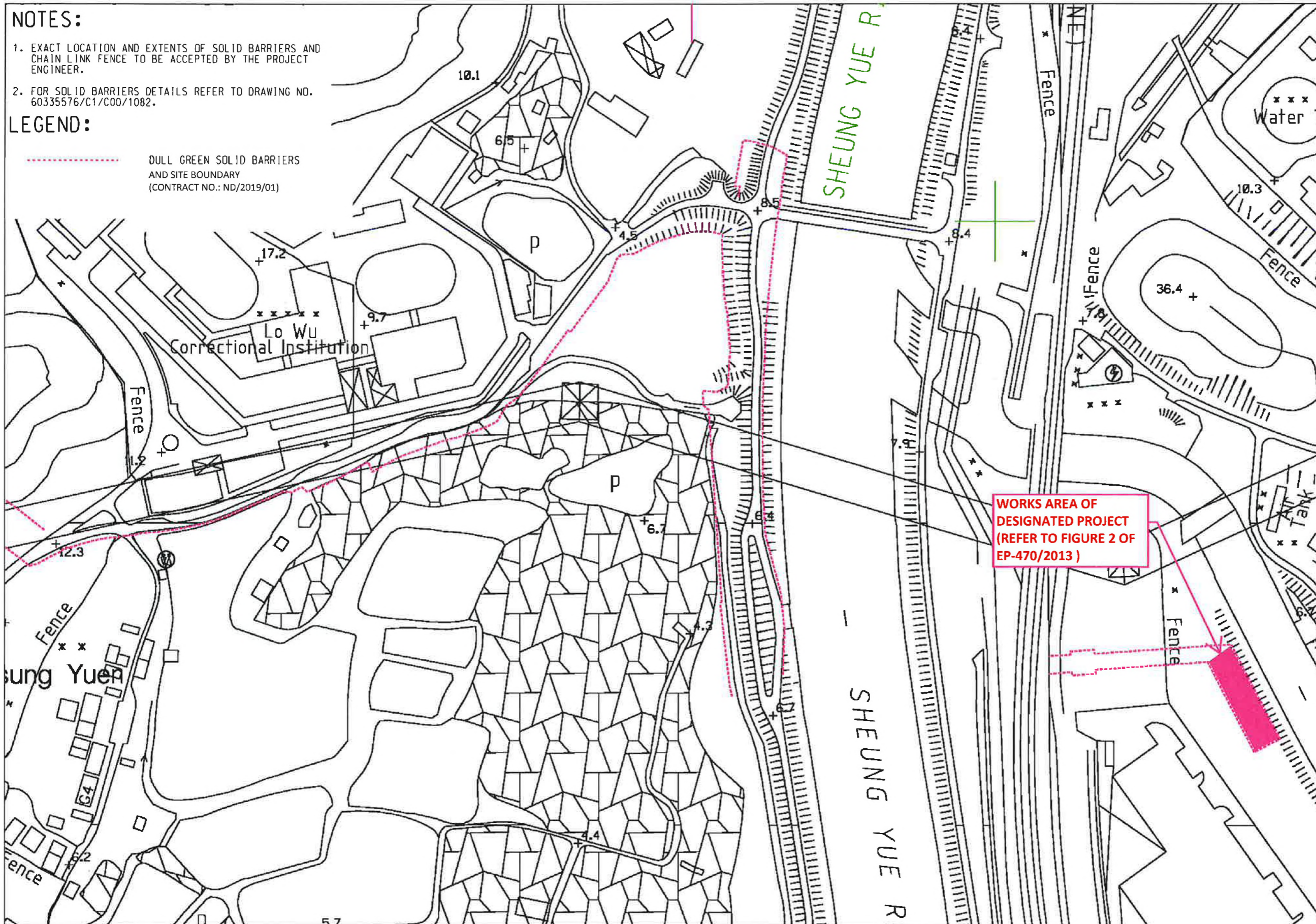


**NOTES:**

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)



**WORKS AREA OF DESIGNATED PROJECT (REFER TO FIGURE 2 OF EP-470/2013)**

**BKREJV**

**TITLE OF DESIGNATED PROJECT:**  
**UTILIZATION OF TREATED SEWAGE EFFLUENT (TSE) FROM SHEK WU HUI SEWAGE TREATMENT WORKS**

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

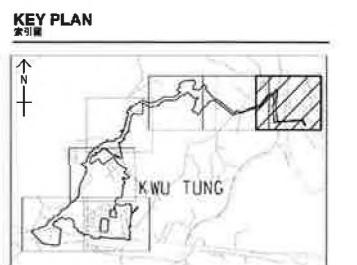
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**CEDD** Civil Engineering and Development Department

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**SUB-CONSULTANTS**  
 分包工程顧問公司

**STATUS**  
 狀態

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



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

**SHEET TITLE**  
 圖則名稱  
**DULL GREEN SOLID BARRIERS LAYOUT**

**SHEET NUMBER**  
 圖則編號  
 60335576/C1/C00/1081-4



# BKREJV

**TITLE OF DESIGNATED PROJECT:**  
**UTILIZATION OF TREATED SEWAGE EFFLUENT (TSE) FROM SHEK WU HUI SEWAGE TREATMENT WORKS**

**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

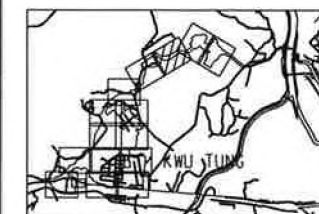
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 工程顧問公司  
**AECOM** Asia Company Ltd.  
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**SUB-CONSULTANTS**  
 分行工程顧問公司

**STATUS**  
 預備

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

**KEY PLAN**  
 索引圖



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

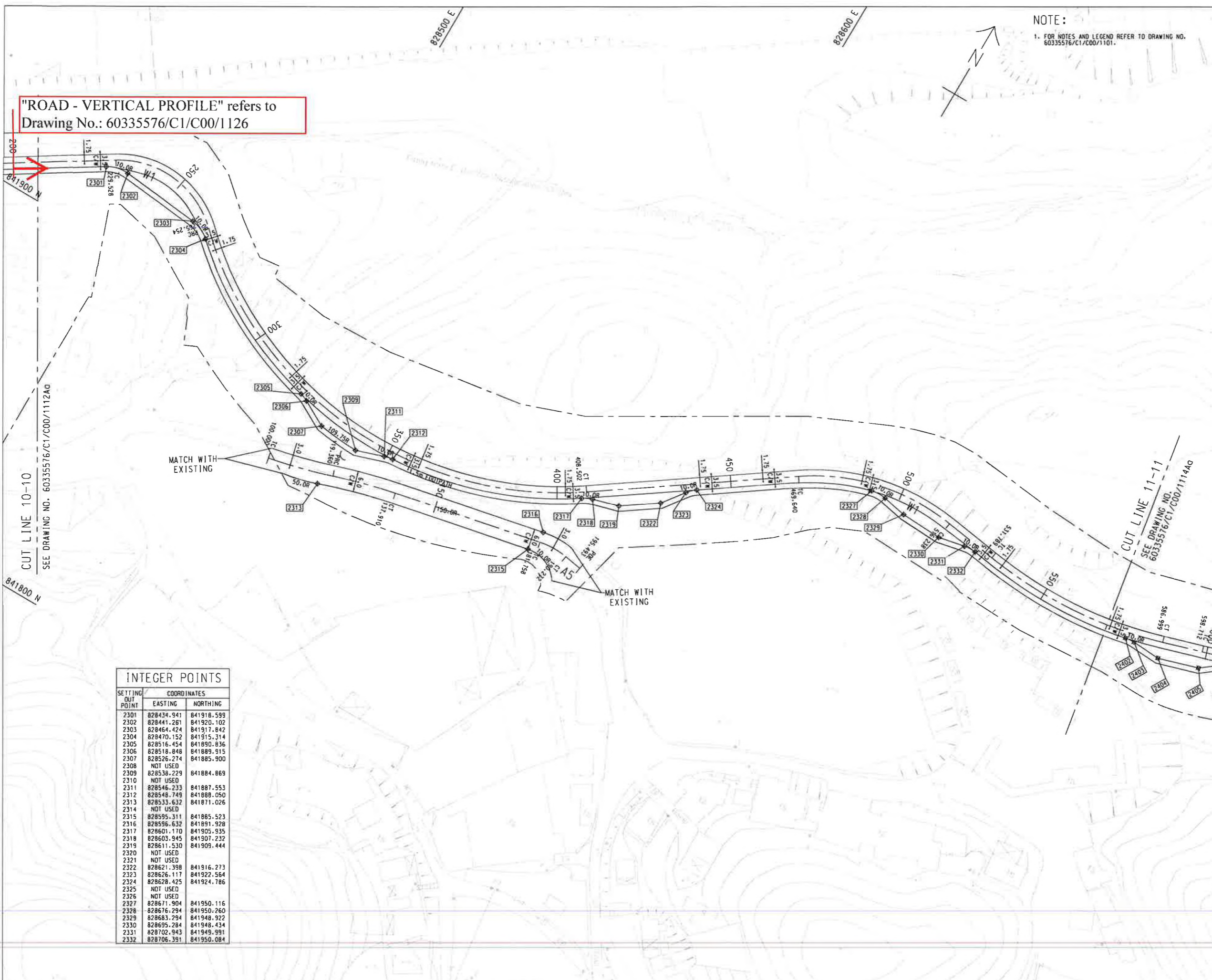
**SHEET TITLE**  
 SETTING OUT PLAN

**SHEET NUMBER**  
 60335576/C1/C00/1113Aa

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



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



INTEGER POINTS		
SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
2301	828434.941	841918.599
2302	828441.261	841920.102
2303	828464.424	841917.842
2304	828470.152	841915.314
2305	828516.454	841890.836
2306	828518.848	841889.915
2307	828526.274	841885.900
2308	NOT USED	
2309	828538.229	841884.869
2310	NOT USED	
2311	828546.233	841887.553
2312	828548.749	841888.050
2313	828533.632	841871.026
2314	NOT USED	
2315	828595.311	841885.523
2316	828596.632	841891.928
2317	828601.170	841905.935
2318	828603.945	841907.232
2319	828611.530	841905.444
2320	NOT USED	
2321	NOT USED	
2322	828621.398	841916.273
2323	828626.117	841922.564
2324	828628.425	841924.786
2325	NOT USED	
2326	NOT USED	
2327	828671.904	841950.116
2328	828676.294	841950.260
2329	828683.294	841948.922
2330	828695.284	841948.434
2331	828702.943	841949.991
2332	828706.391	841950.084



# BKREJV

**TITLE OF DESIGNATED PROJECT:**  
**UTILIZATION OF TREATED SEWAGE EFFLUENT (TSE) FROM SHEK WU HUI SEWAGE TREATMENT WORKS**

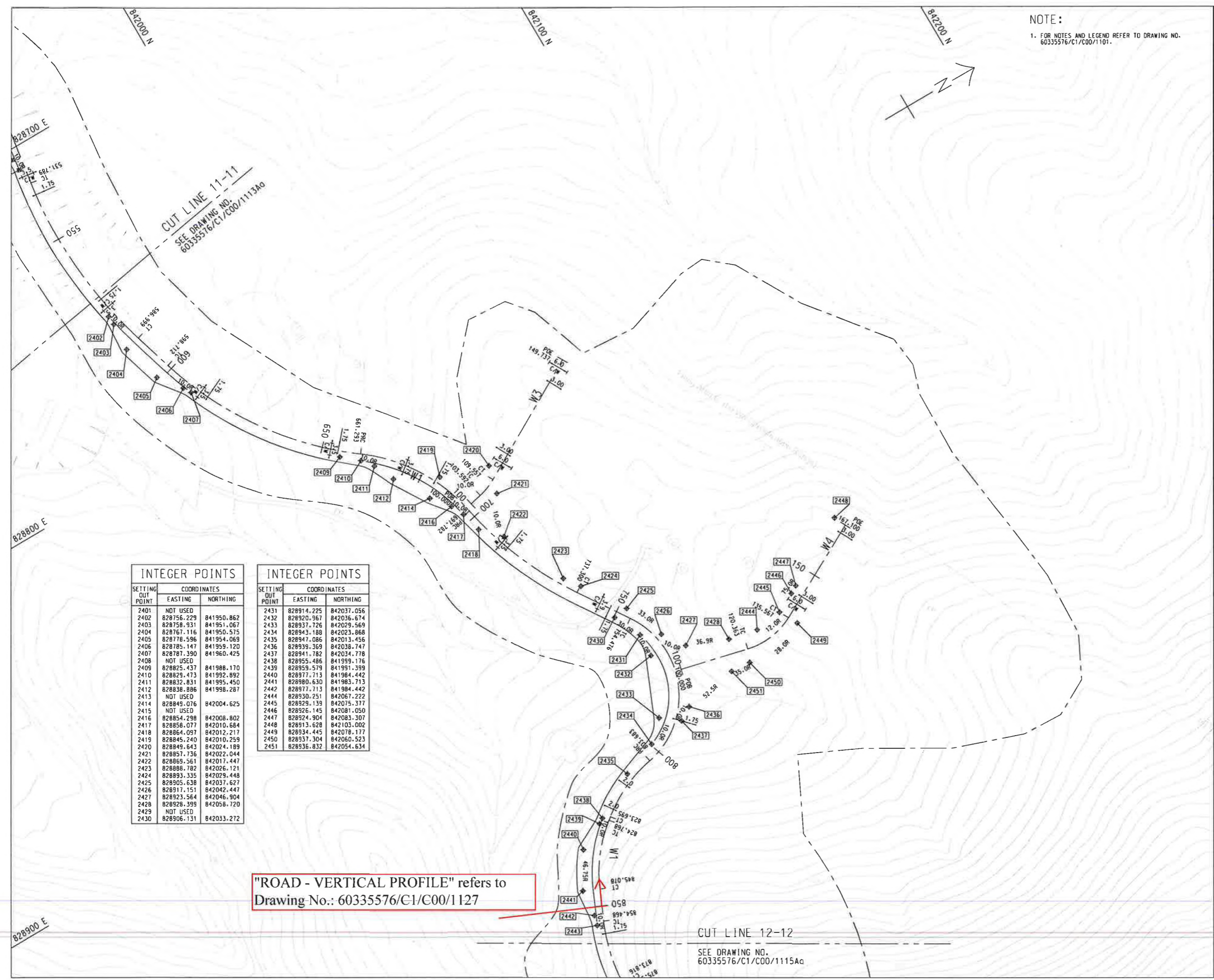
**CONTRACT TITLE:**  
**CONTRACT NO.:** ND/2019/01  
**KWU TUNG NORTH NEW DEVELOPMENT AREA, PHASE 1: SITE FORMATION AND INFRASTRUCTURE WORKS**

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

**CONSULTANT**  
 工務顧問公司  
**AECOM Asia Company Ltd.**  
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 設計工程師有限公司

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



INTEGER POINTS		
SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
2401	NOT USED	
2402	828756.229	841950.862
2403	828758.931	841951.067
2404	828767.116	841950.575
2405	828778.596	841954.069
2406	828785.147	841959.120
2407	828787.390	841960.425
2408	NOT USED	
2409	828825.437	841988.170
2410	828829.473	841992.892
2411	828832.831	841995.450
2412	828838.806	841998.287
2413	NOT USED	
2414	828849.076	842004.625
2415	NOT USED	
2416	828854.298	842008.802
2417	828858.077	842010.584
2418	828864.097	842012.217
2419	828845.240	842010.259
2420	828849.643	842024.189
2421	828857.736	842022.044
2422	828865.561	842017.447
2423	828888.782	842026.121
2424	828893.335	842029.448
2425	828905.638	842037.627
2426	828917.151	842042.447
2427	828923.564	842046.904
2428	828928.399	842058.720
2429	NOT USED	
2430	828906.131	842033.272

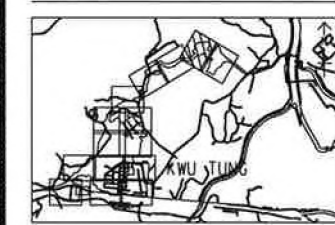
INTEGER POINTS		
SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
2431	828914.225	842037.056
2432	828920.967	842036.674
2433	828937.726	842029.569
2434	828943.188	842023.868
2435	828947.086	842013.456
2436	828939.369	842038.747
2437	828941.782	842034.778
2438	828955.486	841999.176
2439	828959.579	841991.399
2440	828977.713	841984.442
2441	828980.630	841983.713
2442	828977.713	841984.442
2444	828930.251	842067.222
2445	828929.139	842075.377
2446	828926.145	842081.050
2447	828924.904	842083.307
2448	828913.628	842103.002
2449	828934.445	842078.177
2450	828937.304	842060.523
2451	828936.832	842054.634

"ROAD - VERTICAL PROFILE" refers to Drawing No.: 60335576/C1/C00/1127

**STATUS**  
 預版

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

**KEY PLAN**  
 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  
 SETTING OUT PLAN

**SHEET NUMBER**  
 圖紙編號  
 60335576/C1/C00/1114Aa

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# BKREJV

**TITLE OF DESIGNATED PROJECT:**  
**UTILIZATION OF TREATED SEWAGE EFFLUENT (TSE) FROM SHEK WU HUI SEWAGE TREATMENT WORKS**

**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

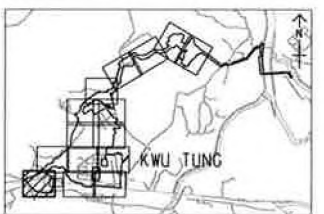
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**SUB-CONSULTANTS**  
 分區工務顧問公司

**STATUS**  
 預備

**SCALE** **DIMENSION UNIT**  
 A1 1:500 METRES

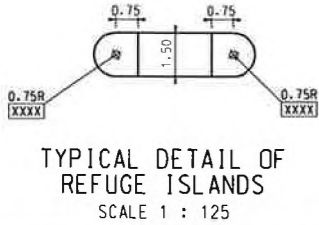
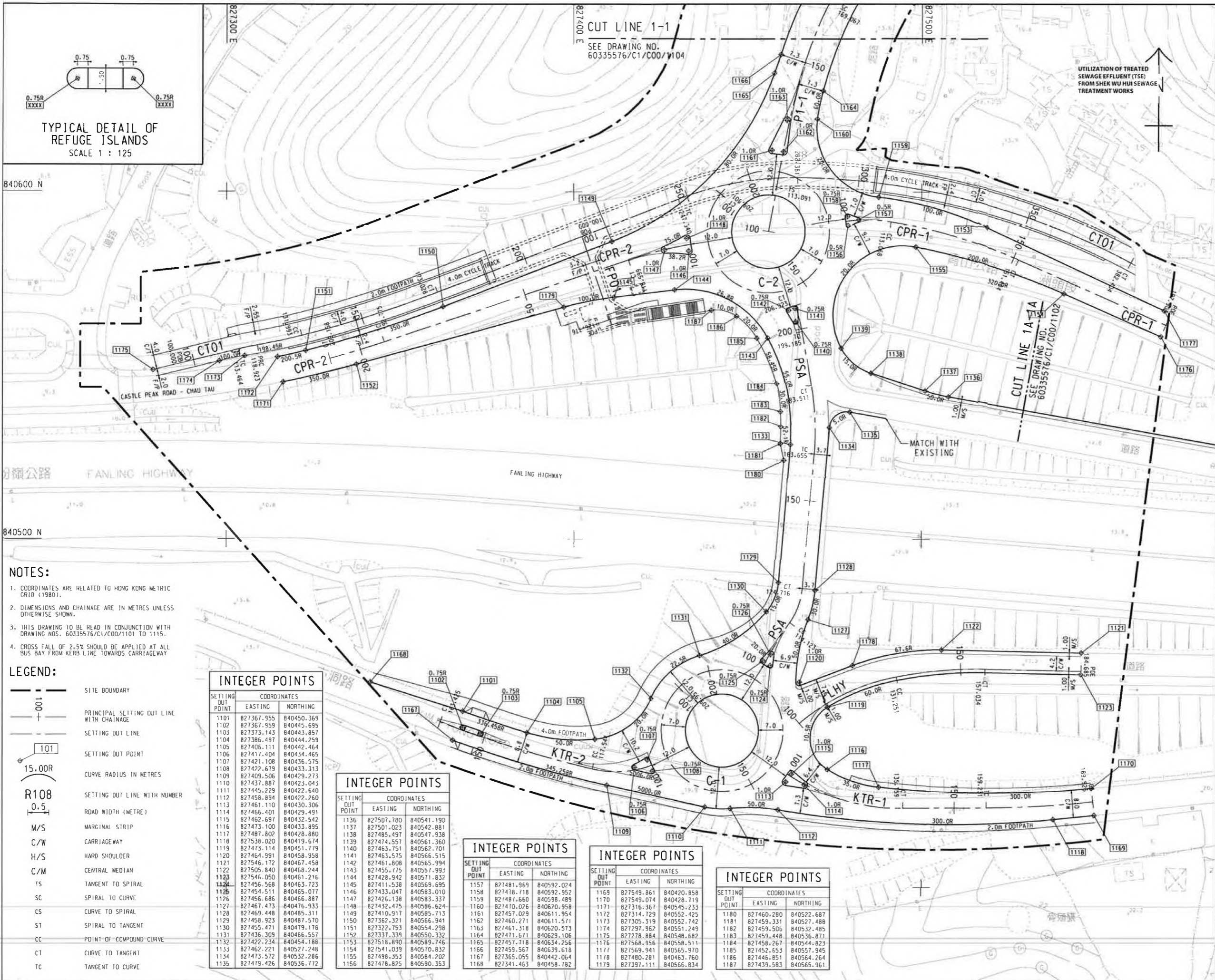
**KEY PLAN** A1 1:40000



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

**SHEET TITLE**  
 道路設定出線圖  
**ROAD SETTING OUT PLAN**

**SHEET NUMBER**  
 60335576/C1/C00/1101



- 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
  - T/S 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	840423.043
1111	827445.229	840422.640
1112	827458.894	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	827475.426	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	840420.858
1170	827545.074	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

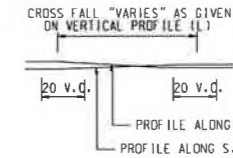
**INTEGER POINTS**

SETTING OUT POINT	COORDINATES	
	EASTING	NORTHING
1180	827460.290	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:**

- 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

**STATUS:**  
 核准

**SCALE:** **DIMENSION UNIT:**  
 A1 1:1000 公尺

**KEY PLAN:**  
 不可用

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

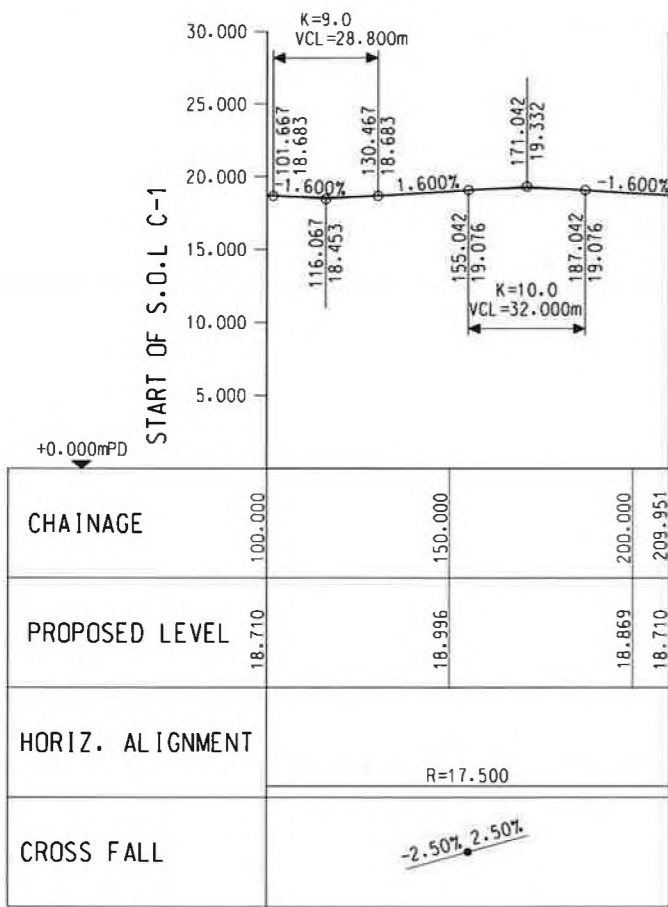
**SHEET TITLE:**

**ROAD WORKS - VERTICAL PROFILE**

**SHEET NUMBER:**

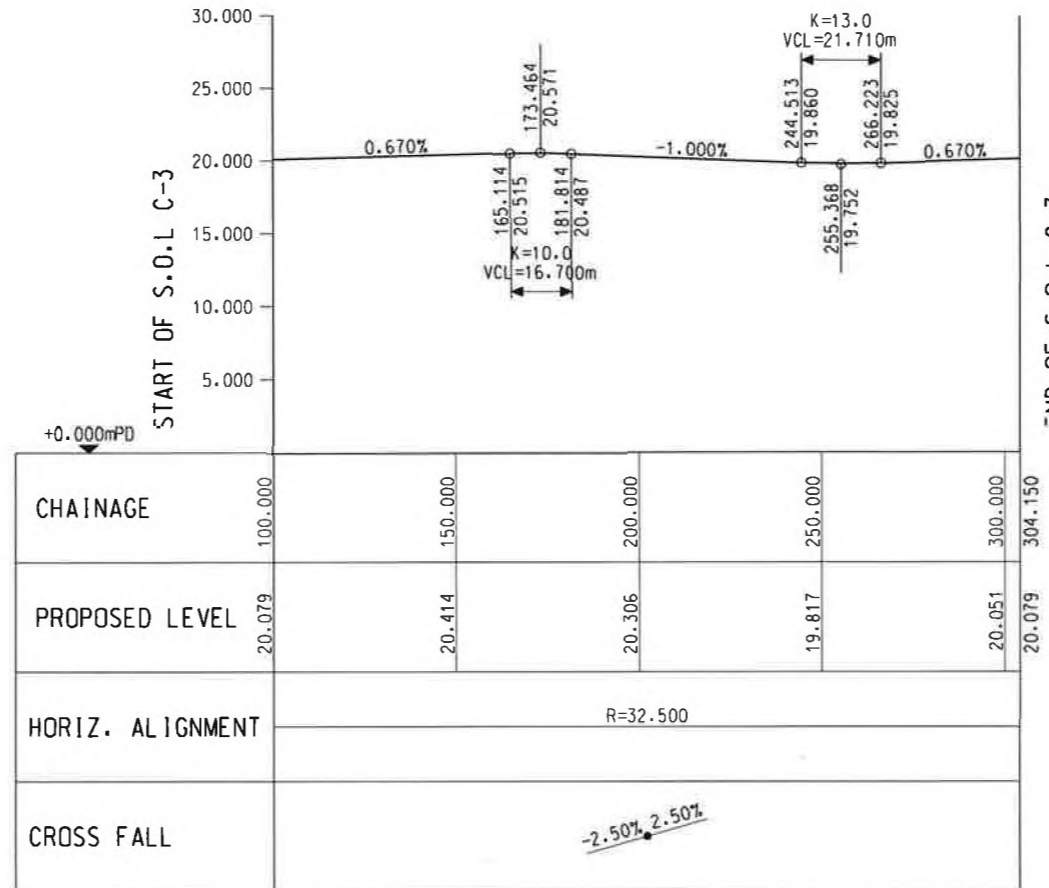
60335576/C1/C00/1121

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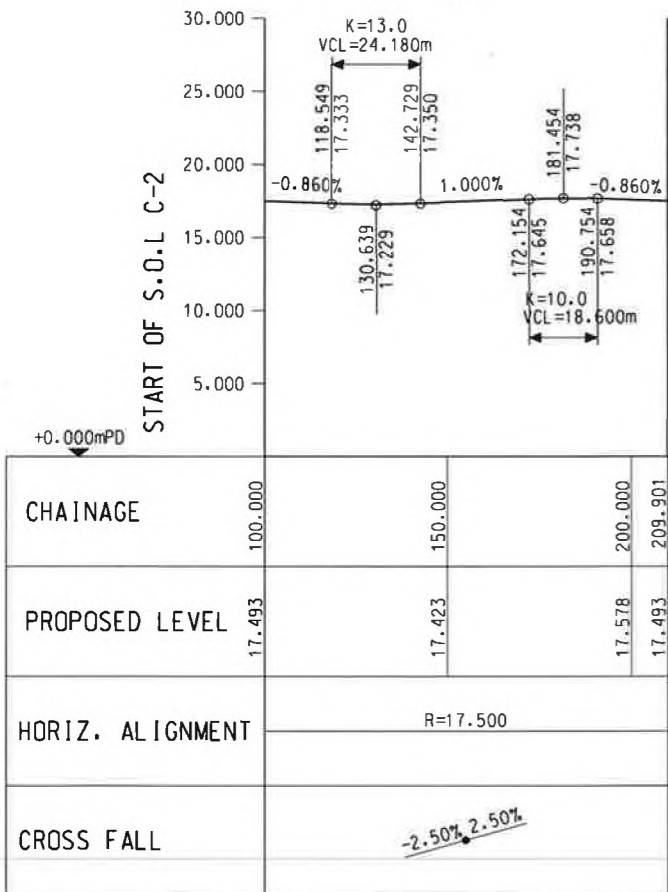
PROFILE ALONG THE SETTING OUT LINE C-1

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



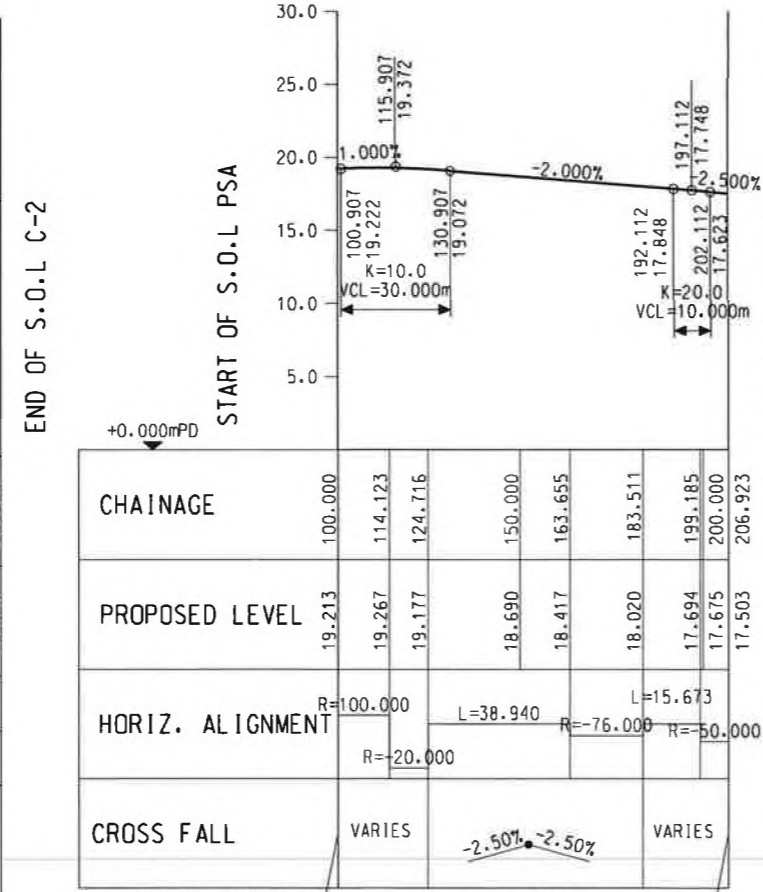
PROFILE ALONG THE SETTING OUT LINE C-3

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



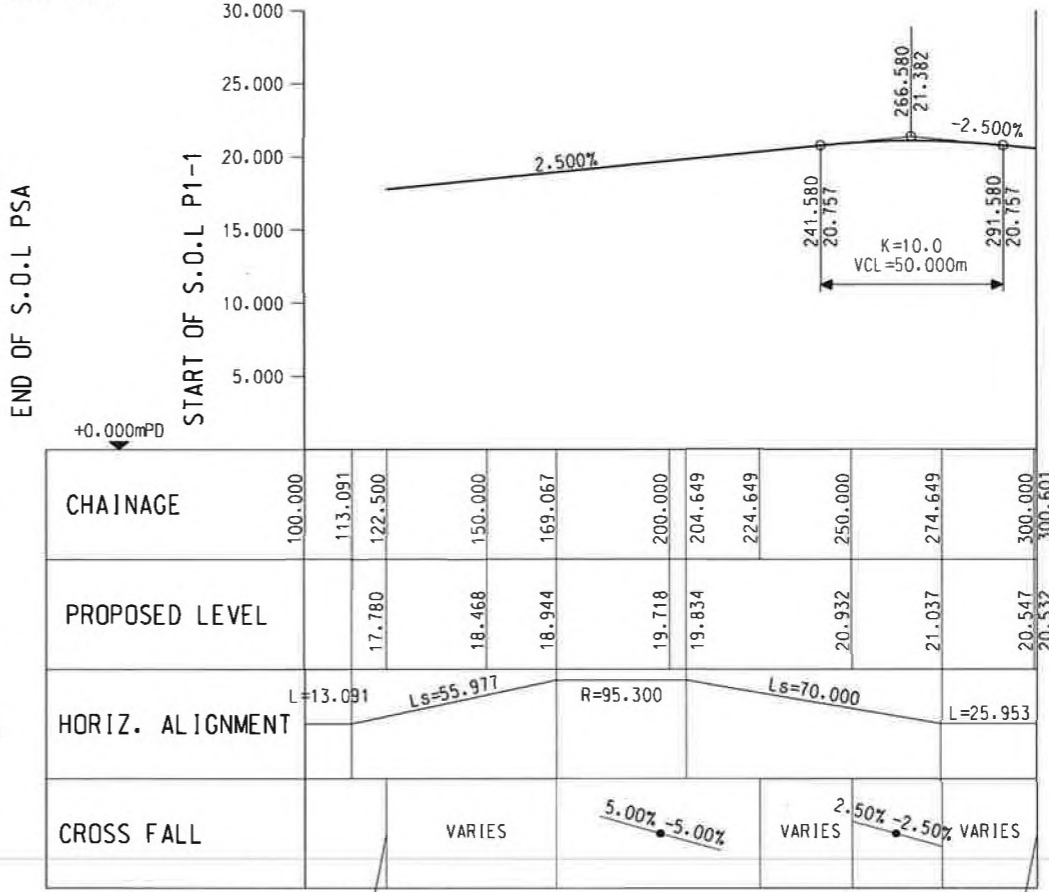
PROFILE ALONG THE SETTING OUT LINE C-2

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



PROFILE ALONG THE SETTING OUT LINE 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