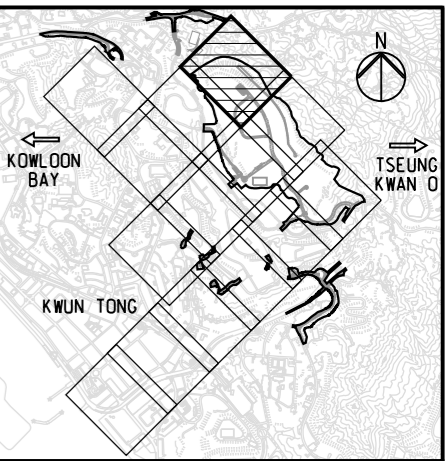
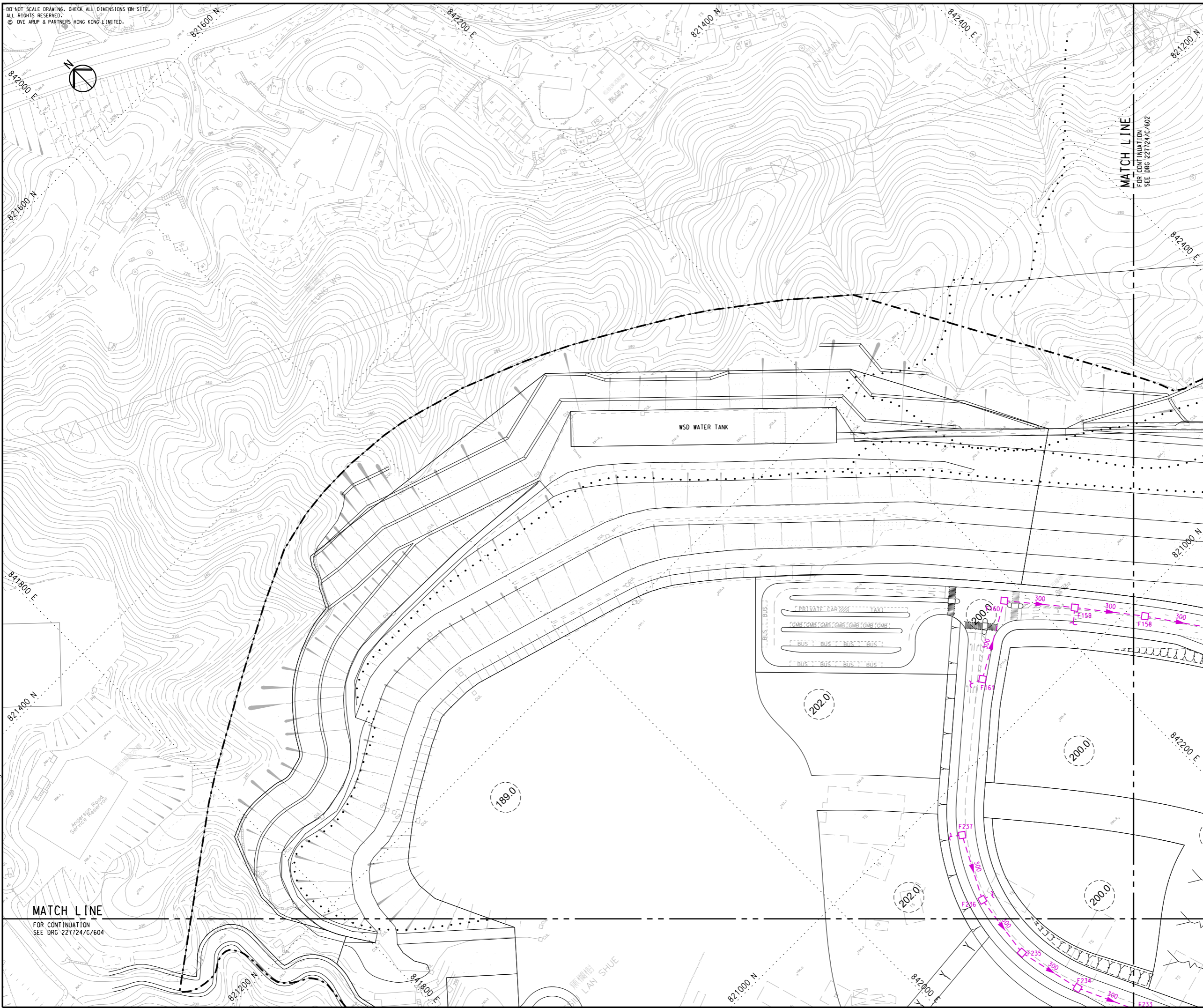


DO NOT SCALE DRAWING. CHECK ALL DIMENSIONS ON SITE.
ALL RIGHTS RESERVED.
© OVE ARUP & PARTNERS HONG KONG LIMITED.



KEY PLAN

LEGEND

- WORKS BOUNDARY
- EXISTING SEWERAGE MANHOLE
- EXISTING SEWER
- UPGRADED SEWERAGE MANHOLE
- 225 (450) UPGRADED SEWER FROM 225 DIA. TO 450 DIA.
- PROPOSED SEWERAGE MANHOLE
- PROPOSED SEWER

C	FOURTH ISSUE	NY	10/13
B	THIRD ISSUE	NY	09/13
A	SECOND ISSUE	NY	07/13
-	FIRST ISSUE	NY	05/13
Rev	Description	By	Date

Consultant
ARUP

Contract No. and Title
Agreement No. CE 18/2012(CE)
Development of
Anderson Road Quarry -
Investigation

Drawing title
**PROPOSED SEWERAGE
LAYOUT PLAN**
(SHEET 1 OF 14)

Drawing no. 227724/C/601		Rev. C	
Drawn MAN	Date 05/13	Checked CC	Approved SYC
Scale 1:2000 @A3		Status PRELIMINARY	

COPYRIGHT RESERVED

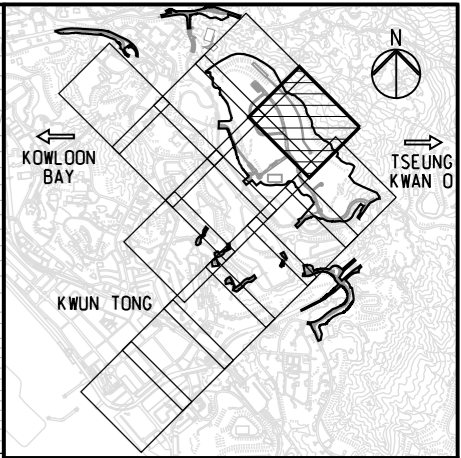


土木工程拓展署
Civil Engineering and
Development Department

Printed by : 17/10/2013
Filename : J:\227724\ARUP\Civil\227724_C_601.dgn

MATCH LINE
FOR CONTINUATION
SEE DRG 227724/C/604

DO NOT SCALE DRAWING. CHECK ALL DIMENSIONS ON SITE.
 ALL RIGHTS RESERVED.
 © OVE ARUP & PARTNERS HONG KONG LIMITED.



KEY PLAN

LEGEND

- WORKS BOUNDARY
- EXISTING SEWERAGE MANHOLE
- EXISTING SEWER
- UPGRADED SEWERAGE MANHOLE
- 225 (450) UPGRADED SEWER FROM 225 DIA. TO 450 DIA.
- PROPOSED SEWERAGE MANHOLE
- PROPOSED SEWER

Rev	Description	By	Date
B	THIRD ISSUE	NY	10/13
A	SECOND ISSUE	NY	07/13
-	FIRST ISSUE	NY	05/13

Consultant
ARUP

Contract No. and Title
 Agreement No. CE 18/2012(CE)
 Development of Anderson Road Quarry - Investigation

Drawing title
PROPOSED SEWERAGE LAYOUT PLAN
 (SHEET 2 OF 14)

Drawing no.	227724/C/602		Rev.	B
Drawn MAN	Date 05/13	Checked CC	Approved SYC	
Scale 1:2000 @A3	Status PRELIMINARY			

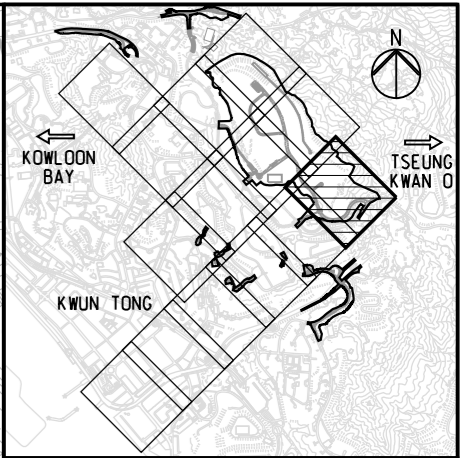
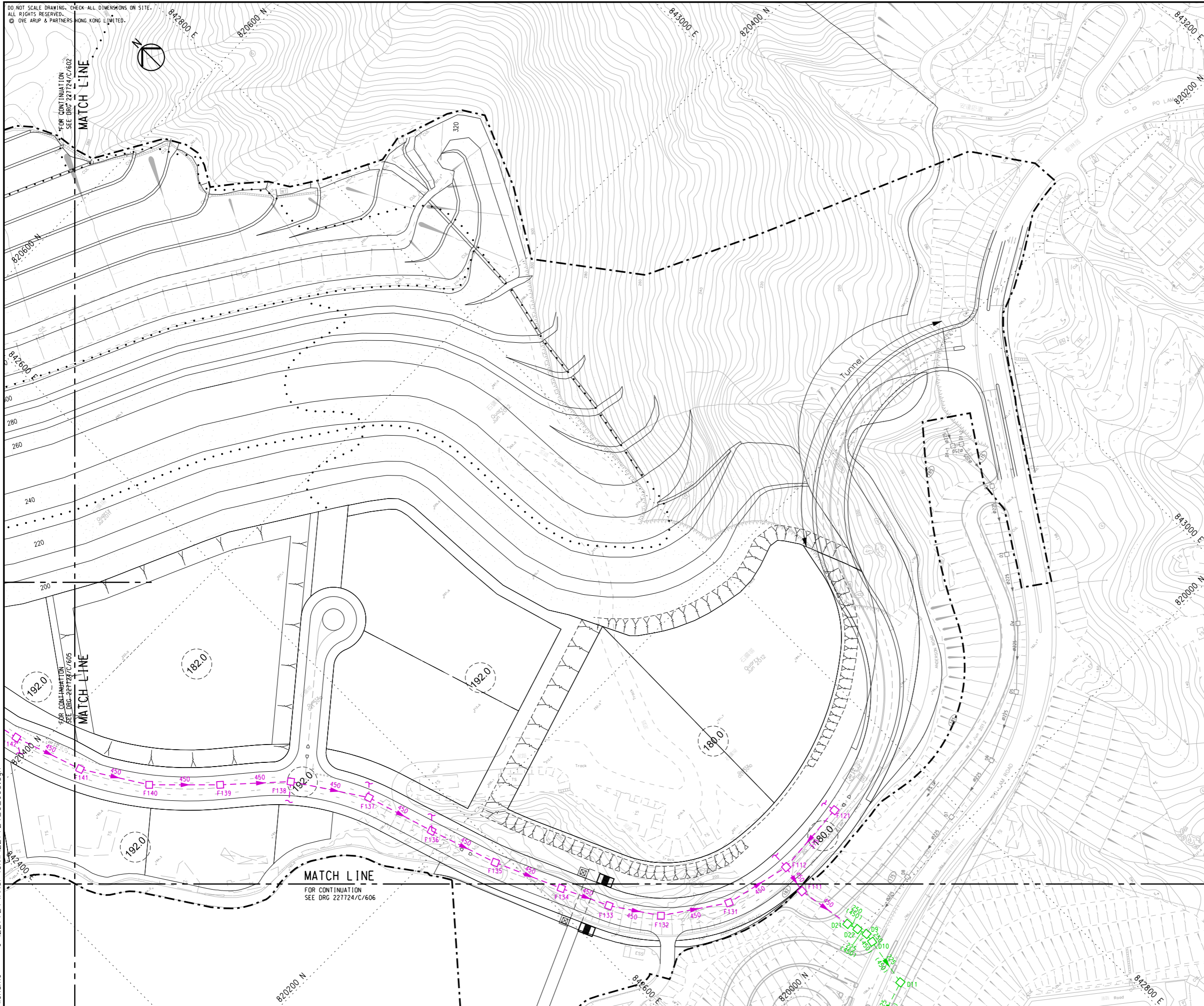
COPYRIGHT RESERVED



土木工程拓展署
 Civil Engineering and Development Department

Printed by : 17/10/2013
 Filename : J:\227724\ARUP\Civil\227724_C_602.dgn

DO NOT SCALE DRAWING. CHECK ALL DIMENSIONS ON SITE.
 ALL RIGHTS RESERVED.
 © OYE ARUP & PARTNERS HONG KONG LIMITED.



KEY PLAN

LEGEND

- WORKS BOUNDARY
- EXISTING SEWERAGE MANHOLE
- EXISTING SEWER
- UPGRADED SEWERAGE MANHOLE
- 225 (450) UPGRADED SEWER FROM 225 DIA. TO 450 DIA.
- PROPOSED SEWERAGE MANHOLE
- PROPOSED SEWER

Rev	Description	By	Date
C	FOURTH ISSUE	NY	10/13
B	THIRD ISSUE	NY	09/13
A	SECOND ISSUE	NY	07/13
-	FIRST ISSUE	NY	05/13

Consultant
ARUP

Contract No. and Title
 Agreement No. CE 18/2012(CE)
 Development of Anderson Road Quarry - Investigation

Drawing title
PROPOSED SEWERAGE LAYOUT PLAN
 (SHEET 3 OF 14)

Drawing no. 227724/C/603		Rev. C	
Drawn MAN	Date 05/13	Checked CC	Approved SYC
Scale 1:2000 @A3		Status PRELIMINARY	

COPYRIGHT RESERVED



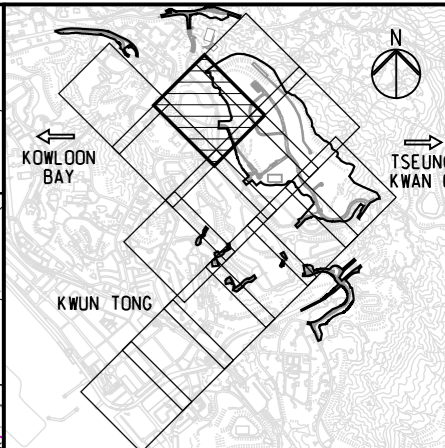
土木工程拓展署
 Civil Engineering and Development Department

Printed by : 18/10/2013
 Filename : J:\227724\ARUP\Civil\227724_C_603.dgn

DO NOT SCALE DRAWING. CHECK ALL DIMENSIONS ON SITE.
ALL RIGHTS RESERVED.
© OVE ARUP & PARTNERS HONG KONG LIMITED.

FOR CONTINUATION
SEE DRG. 227724/C/601

MATCH LINE



KEY PLAN

LEGEND

- WORKS BOUNDARY
- EXISTING SEWERAGE MANHOLE
- EXISTING SEWER
- UPGRADED SEWERAGE MANHOLE
- 225 (450) UPGRADED SEWER FROM 225 DIA. TO 450 DIA.
- PROPOSED SEWERAGE MANHOLE
- PROPOSED SEWER

C	FOURTH ISSUE	NY	10/13
B	THIRD ISSUE	NY	09/13
A	SECOND ISSUE	NY	07/13
-	FIRST ISSUE	NY	05/13
Rev	Description	By	Date

Consultant
ARUP

Contract No. and Title
Agreement No. CE 18/2012(CE)
Development of
Anderson Road Quarry -
Investigation

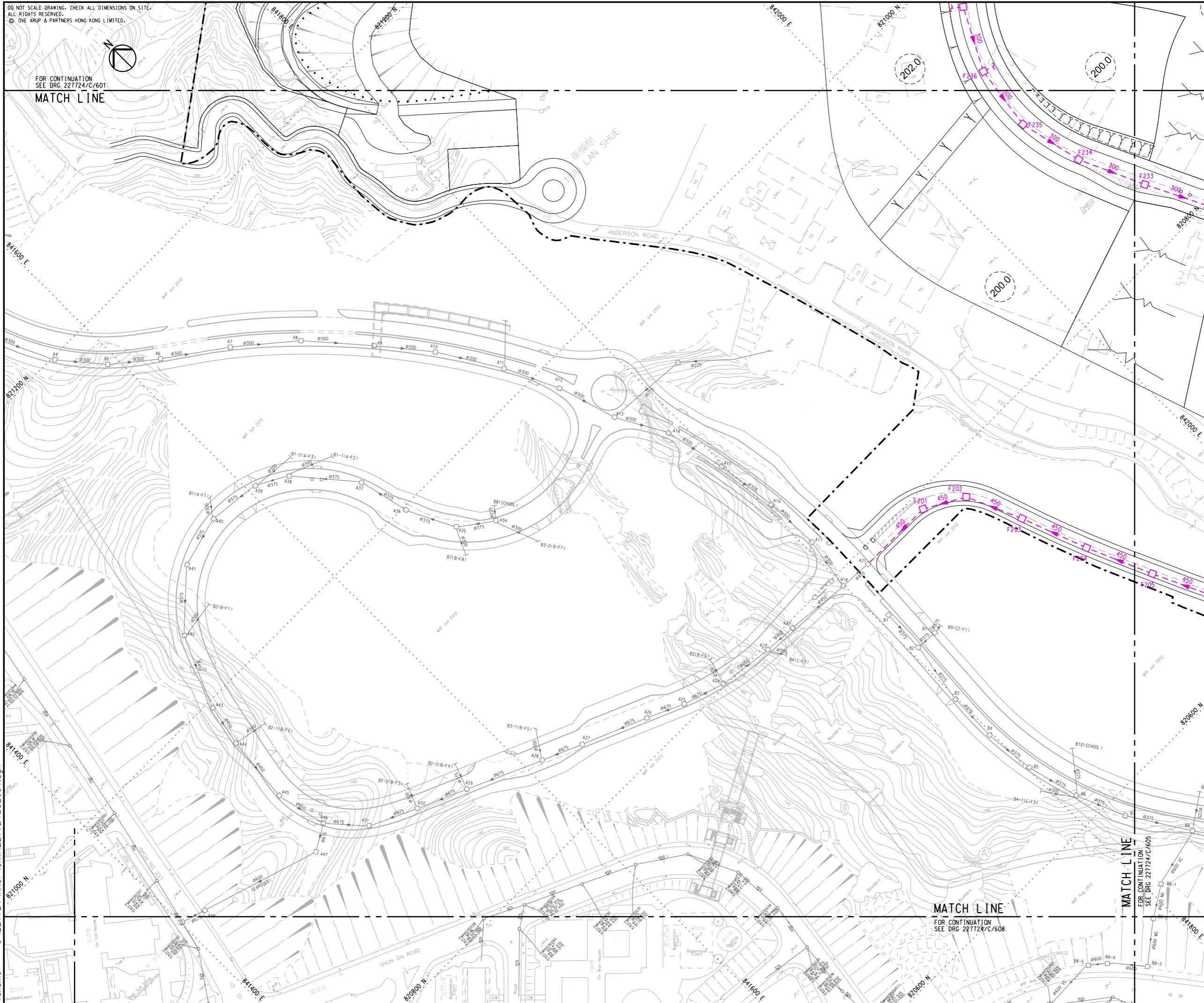
Drawing title
**PROPOSED SEWERAGE
LAYOUT PLAN**
(SHEET 4 OF 14)

Drawing no. 227724/C/604		Rev. C	
Drawn MAN	Date 05/13	Checked CC	Approved SYC
Scale 1:2000 @A3	Status PRELIMINARY		

COPYRIGHT RESERVED

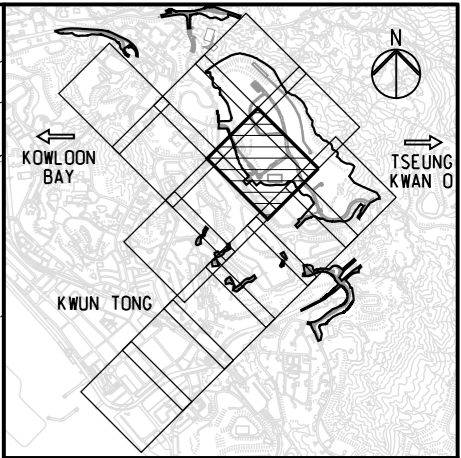
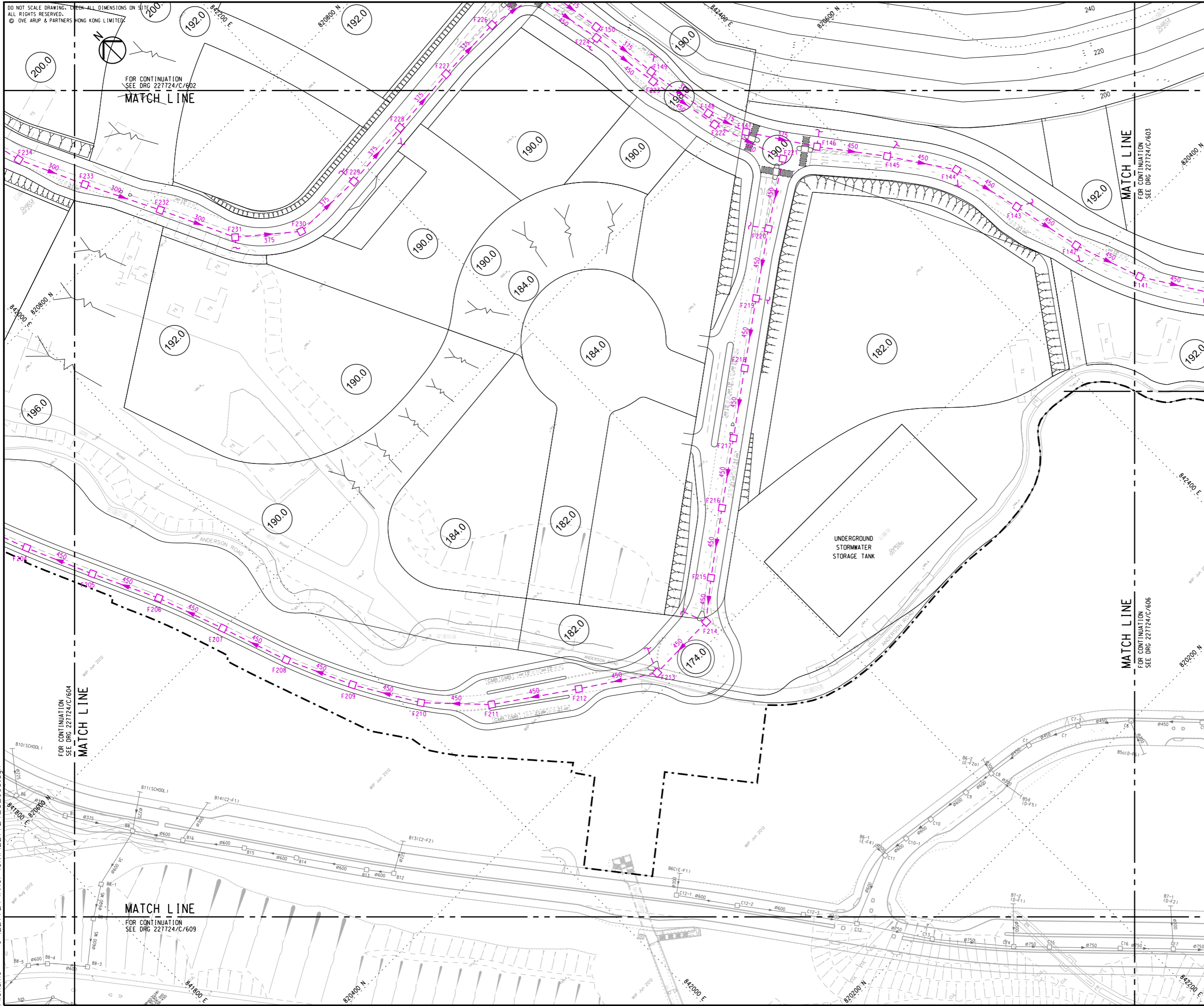
土木工程拓展署
Civil Engineering and
Development Department

Printed by : 17/10/2013
Filename : J:\227724\ARUP\Civil\227724_C_604.dgn



MATCH LINE
FOR CONTINUATION
SEE DRG. 227724/C/608

MATCH LINE
FOR CONTINUATION
SEE DRG. 227724/C/605



KEY PLAN

LEGEND

- WORKS BOUNDARY
- EXISTING SEWERAGE MANHOLE
- EXISTING SEWER
- UPGRADED SEWERAGE MANHOLE
- UPGRADED SEWER FROM 225 DIA. TO 450 DIA.
- PROPOSED SEWERAGE MANHOLE
- PROPOSED SEWER

Rev	Description	By	Date
C	REVISED ROAD LAYOUT	NY	11/13
B	THIRD ISSUE	NY	10/13
A	SECOND ISSUE	NY	07/13
-	FIRST ISSUE	NY	05/13

Consultant
ARUP

Contract No. and Title
Agreement No. CE 18/2012(CE)
Development of Anderson Road Quarry - Investigation

Drawing title
PROPOSED SEWERAGE LAYOUT PLAN
(SHEET 5 OF 14)

Drawing no.	227724/C/605		Rev.	C
Drawn MAN	Date 05/13	Checked CC	Approved SYC	
Scale 1:2000 @A3	Status PRELIMINARY			

COPYRIGHT RESERVED

土木工程拓展署
Civil Engineering and Development Department

Printed by : 14/11/2013
Filename : J:\227724\ARUP\Civil\227724_C_605.dgn

DO NOT SCALE DRAWING. CHECK ALL DIMENSIONS ON SITE.
ALL RIGHTS RESERVED.
© OVE ARUP & PARTNERS HONG KONG LIMITED.

FOR CONTINUATION
SEE DRG 227724/C/602
MATCH LINE

MATCH LINE
FOR CONTINUATION
SEE DRG 227724/C/603

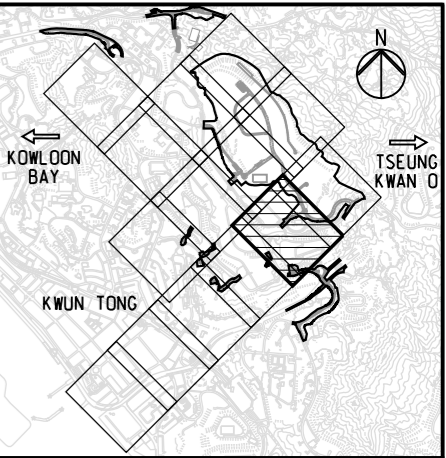
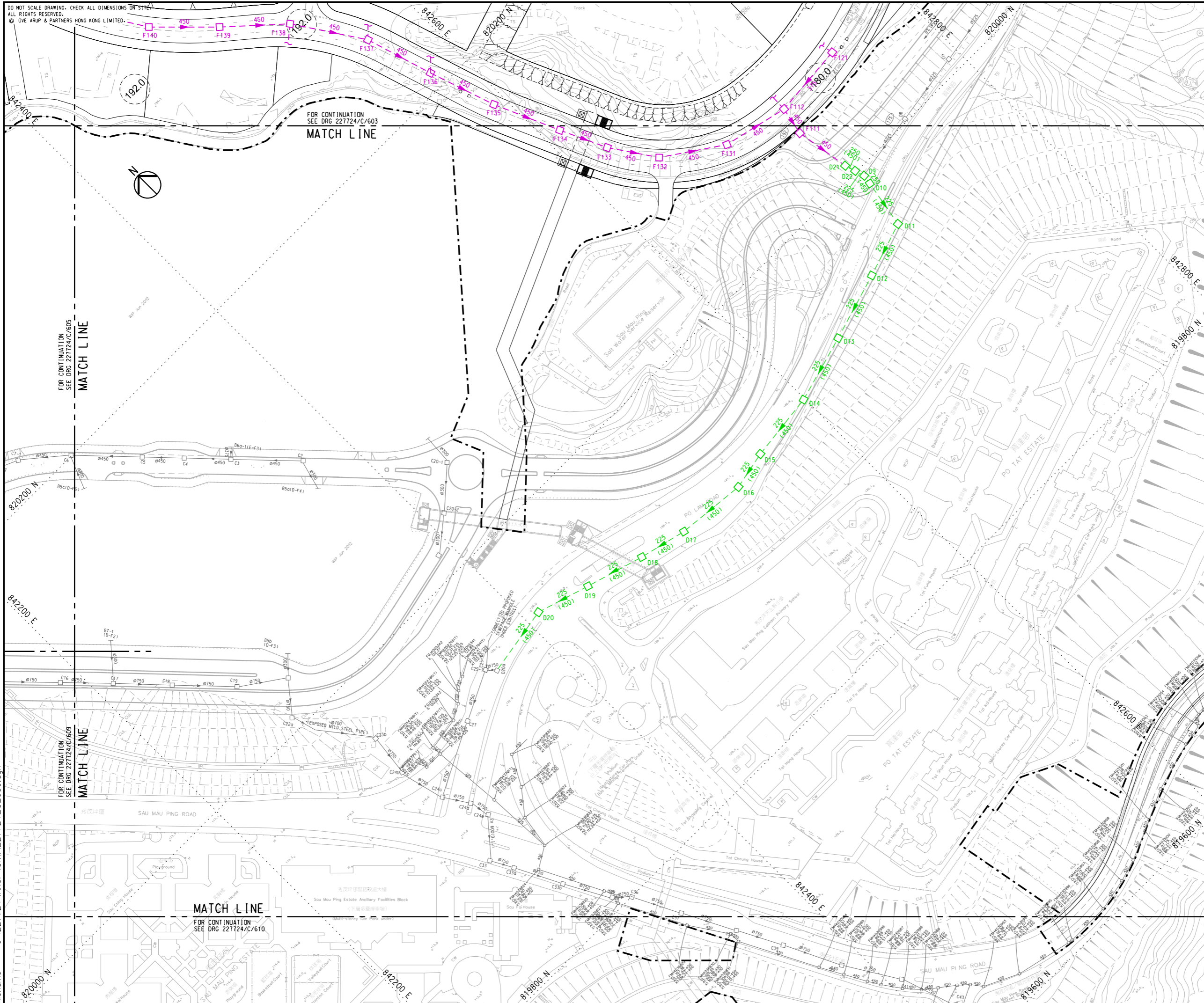
MATCH LINE
FOR CONTINUATION
SEE DRG 227724/C/606

FOR CONTINUATION
SEE DRG 227724/C/604
MATCH LINE

MATCH LINE
FOR CONTINUATION
SEE DRG 227724/C/609

UNDERGROUND
STORMWATER
STORAGE TANK

DO NOT SCALE DRAWING. CHECK ALL DIMENSIONS ON SITE.
ALL RIGHTS RESERVED.
© OVE ARUP & PARTNERS HONG KONG LIMITED.



KEY PLAN

LEGEND

- WORKS BOUNDARY
- EXISTING SEWERAGE MANHOLE
- EXISTING SEWER
- UPGRADED SEWERAGE MANHOLE
- 225 (450) UPGRADED SEWER FROM 225 DIA. TO 450 DIA.
- PROPOSED SEWERAGE MANHOLE
- PROPOSED SEWER

B	THIRD ISSUE	NY	10/13
A	SECOND ISSUE	NY	07/13
-	FIRST ISSUE	NY	05/13
Rev	Description	By	Date

Consultant
ARUP

Contract No. and Title
Agreement No. CE 18/2012(CE)
Development of Anderson Road Quarry - Investigation

Drawing title
PROPOSED SEWERAGE LAYOUT PLAN
(SHEET 6 OF 14)

Drawing no.	227724/C/606		Rev.	B
Drawn	Date	Checked	Approved	
MAN	05/13	CC	SYC	
Scale	1:2000 @A3		Status	PRELIMINARY

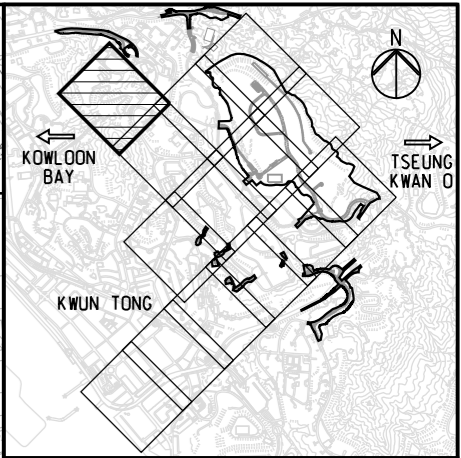
COPYRIGHT RESERVED



土木工程拓展署
Civil Engineering and Development Department

Printed by : 18/10/2013
Filename : J:\227724\ARUP\Civil\227724_C_606.dgn

DO NOT SCALE DRAWING. CHECK ALL DIMENSIONS ON-SITE.
 ALL RIGHTS RESERVED.
 © OVE ARUP & PARTNERS HONG KONG LIMITED.



KEY PLAN

LEGEND

---	WORKS BOUNDARY
□	EXISTING SEWERAGE MANHOLE
—▶—	EXISTING SEWER
□	UPGRADED SEWERAGE MANHOLE
—225 (450)—	UPGRADED SEWER FROM 225 DIA. TO 450 DIA.
□	PROPOSED SEWERAGE MANHOLE
—▶—	PROPOSED SEWER

B	THIRD ISSUE	NY	10/13
A	SECOND ISSUE	NY	07/13
-	FIRST ISSUE	NY	05/13
Rev	Description	By	Date

Consultant
ARUP

Contract No. and Title
 Agreement No. CE 18/2012(CE)
 Development of
 Anderson Road Quarry -
 Investigation

Drawing title
**PROPOSED SEWERAGE
 LAYOUT PLAN**
 (SHEET 7 OF 14)

Drawing no.	227724/C/607		Rev.	B
Drawn	Date	Checked	Approved	
MAN	05/13	CC	SYC	
Scale	1:2000 @A3		Status	PRELIMINARY

COPYRIGHT RESERVED

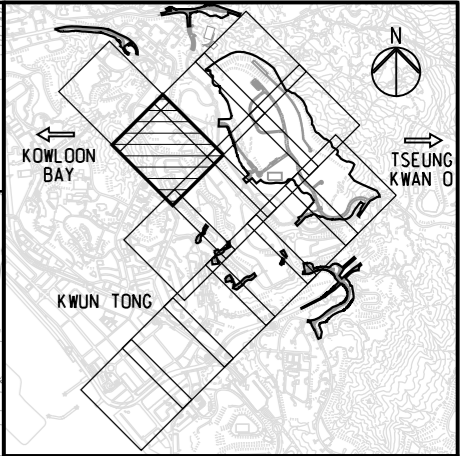


土木工程拓展署
 Civil Engineering and
 Development Department

Printed by : 17/10/2013
 Filename : J:\227724\ARUP\Civil\227724_C_607.dgn

MATCH LINE
 FOR CONTINUATION
 SEE DRG 227724/C/608

DO NOT SCALE DRAWING. CHECK ALL DIMENSIONS ON SITE.
ALL RIGHTS RESERVED.
© OVE ARUP & PARTNERS HONG KONG LIMITED.



KEY PLAN

LEGEND

- WORKS BOUNDARY
- EXISTING SEWERAGE MANHOLE
- EXISTING SEWER
- UPGRADED SEWERAGE MANHOLE
- 225 (450) UPGRADED SEWER FROM 225 DIA. TO 450 DIA.
- PROPOSED SEWERAGE MANHOLE
- PROPOSED SEWER

Rev	Description	By	Date
B	THIRD ISSUE	NY	10/13
A	SECOND ISSUE	NY	07/13
-	FIRST ISSUE	NY	05/13

Consultant
ARUP

Contract No. and Title
Agreement No. CE 18/2012(CE)
Development of Anderson Road Quarry - Investigation

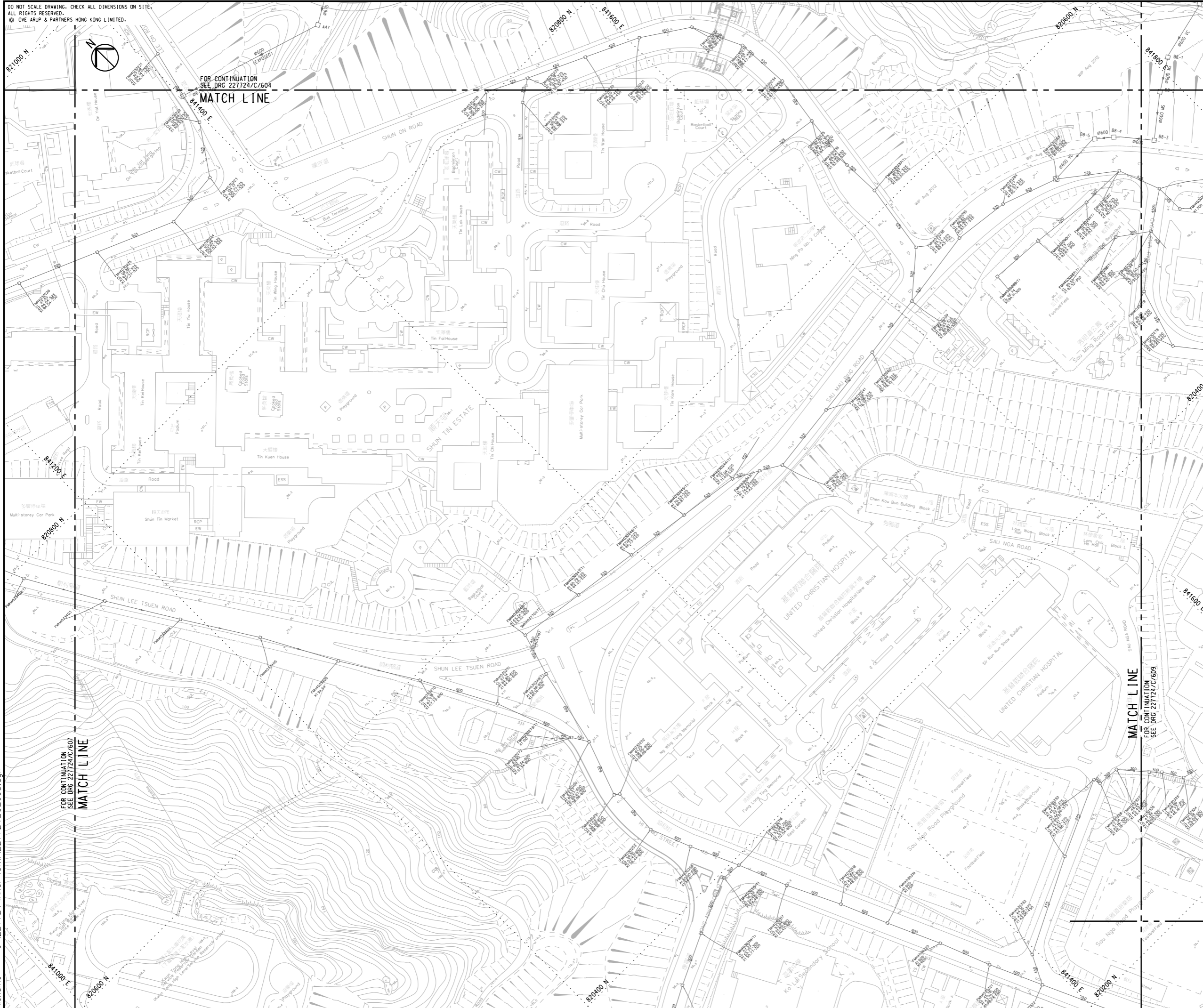
Drawing title
PROPOSED SEWERAGE LAYOUT PLAN
(SHEET 8 OF 14)

Drawing no.	227724/C/608		Rev.	B			
Drawn	MAN	Date	05/13	Checked	CC	Approved	SYC
Scale	1:2000 @A3		Status	PRELIMINARY			

COPYRIGHT RESERVED



土木工程拓展署
Civil Engineering and Development Department

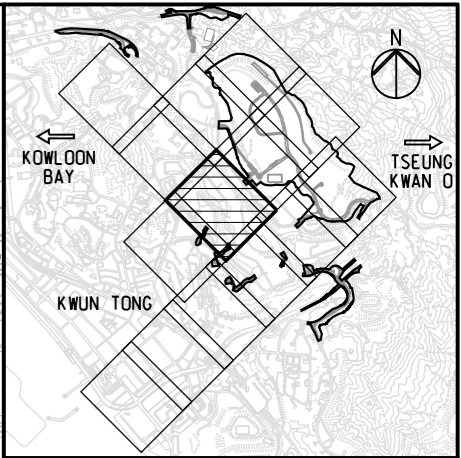


Printed by : 17/10/2013
Filename : J:\227724\ARUP\Civil\227724_C_608.dgn

FOR CONTINUATION SEE DRG 227724/C/607
MATCH LINE

FOR CONTINUATION SEE DRG 227724/C/604
MATCH LINE

MATCH LINE
FOR CONTINUATION SEE DRG 227724/C/609



KEY PLAN

LEGEND

- WORKS BOUNDARY
- EXISTING SEWERAGE MANHOLE
- EXISTING SEWER
- UPGRADED SEWERAGE MANHOLE
- 225 (450) UPGRADED SEWER FROM 225 DIA. TO 450 DIA.
- PROPOSED SEWERAGE MANHOLE
- PROPOSED SEWER

B	THIRD ISSUE	NY	10/13
A	SECOND ISSUE	NY	07/13
-	FIRST ISSUE	NY	05/13
Rev	Description	By	Date

Consultant
ARUP

Contract No. and Title
Agreement No. CE 18/2012(CE)
Development of Anderson Road Quarry - Investigation

Drawing title
PROPOSED SEWERAGE LAYOUT PLAN
(SHEET 9 OF 14)

Drawing no.	227724/C/609		Rev.	B
Drawn	Date	Checked	Approved	
MAN	05/13	CC	SYC	
Scale	1:2000 @A3		Status	PRELIMINARY

COPYRIGHT RESERVED

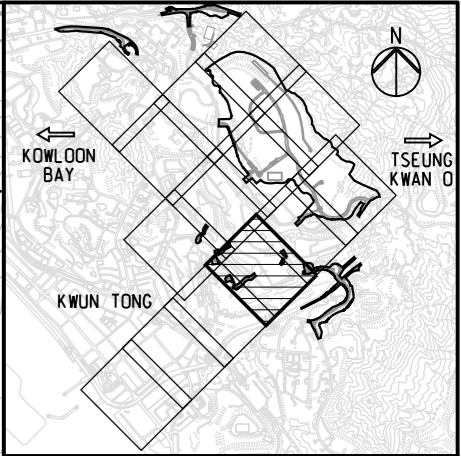


土木工程拓展署
Civil Engineering and Development Department

Printed by : 17/10/2013
Filename : J:\227724\ARUP\Civil\227724_C_609.dgn

DO NOT SCALE DRAWING. CHECK ALL DIMENSIONS ON-SITE.
ALL RIGHTS RESERVED.
© LOVE ARUP & PARTNERS HONG KONG LIMITED.

DO NOT SCALE DRAWING. CHECK ALL DIMENSIONS ON SITE.
ALL RIGHTS RESERVED.
© OVE ARUP & PARTNERS HONG KONG LIMITED.



KEY PLAN

LEGEND

- WORKS BOUNDARY
- EXISTING SEWERAGE MANHOLE
- EXISTING SEWER
- UPGRADED SEWERAGE MANHOLE
- 225 (450) UPGRADED SEWER FROM 225 DIA. TO 450 DIA.
- PROPOSED SEWERAGE MANHOLE
- PROPOSED SEWER

Rev	Description	By	Date
B	THIRD ISSUE	NY	10/13
A	SECOND ISSUE	NY	07/13
-	FIRST ISSUE	NY	05/13

Consultant
ARUP

Contract No. and Title
Agreement No. CE 18/2012(CE)
Development of Anderson Road Quarry - Investigation

Drawing title
PROPOSED SEWERAGE LAYOUT PLAN
(SHEET 10 OF 14)

Drawing no. 227724/C/610		Rev. B	
Drawn MAN	Date 05/13	Checked CC	Approved SYC
Scale 1:2000 @A3		Status PRELIMINARY	

COPYRIGHT RESERVED



土木工程拓展署
Civil Engineering and Development Department

Printed by : 17/10/2013
Filename : J:\227724\ARUP\Civil\227724_C_610.dgn

FOR CONTINUATION
SEE DRG 227724/C/606
MATCH LINE

FOR CONTINUATION
SEE DRG 227724/C/612
MATCH LINE

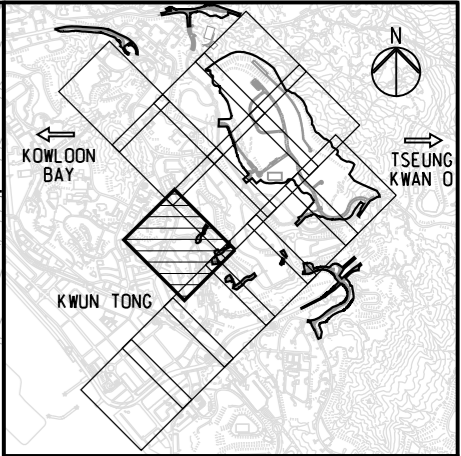
FOR CONTINUATION
SEE DRG 227724/C/609
MATCH LINE

FOR CONTINUATION
SEE DRG 227724/C/611
MATCH LINE

DO NOT SCALE DRAWING. CHECK ALL DIMENSIONS ON SITE.
ALL RIGHTS RESERVED.
© OVE ARUP & PARTNERS HONG KONG LIMITED.

FOR CONTINUATION
SEE DRG 227724/C/609
MATCH LINE

MATCH LINE
FOR CONTINUATION
SEE DRG 227724/C/610



KEY PLAN

LEGEND

- WORKS BOUNDARY
- EXISTING SEWERAGE MANHOLE
- EXISTING SEWER
- UPGRADED SEWERAGE MANHOLE
- 225 (450) UPGRADED SEWER FROM 225 DIA. TO 450 DIA.
- PROPOSED SEWERAGE MANHOLE
- PROPOSED SEWER

B	THIRD ISSUE	NY	10/13
A	SECOND ISSUE	NY	07/13
-	FIRST ISSUE	NY	05/13
Rev	Description	By	Date

Consultant
ARUP

Contract No. and Title
Agreement No. CE 18/2012(CE)
Development of
Anderson Road Quarry -
Investigation

Drawing title
**PROPOSED SEWERAGE
LAYOUT PLAN**
(SHEET 11 OF 14)

Drawing no.	227724/C/611	Rev.	B
Drawn	MAN	Date	05/13
Checked	CC	Approved	SYC
Scale	1:2000 @A3	Status	PRELIMINARY

COPYRIGHT RESERVED



土木工程拓展署
Civil Engineering and
Development Department

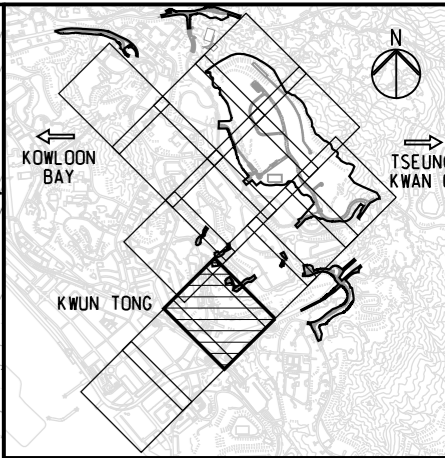
Printed by : 17/10/2013
Filename : J:\227724\ARUP\Civil\227724_C_611.dgn

DO NOT SCALE DRAWING. CHECK ALL DIMENSIONS ON SITE.
ALL RIGHTS RESERVED.
© OVE ARUP & PARTNERS HONG KONG LIMITED.

FOR CONTINUATION
SEE DRG 227724/C/610
MATCH LINE

FOR CONTINUATION
SEE DRG 227724/C/611
MATCH LINE

MATCH LINE
FOR CONTINUATION
SEE DRG 227724/C/613



KEY PLAN

- LEGEND**
- WORKS BOUNDARY
 - EXISTING SEWERAGE MANHOLE
 - EXISTING SEWER
 - UPGRADED SEWERAGE MANHOLE
 - 225 (450) UPGRADED SEWER FROM 225 DIA. TO 450 DIA.
 - PROPOSED SEWERAGE MANHOLE
 - PROPOSED SEWER

B	THIRD ISSUE	NY	10/13
A	SECOND ISSUE	NY	07/13
-	FIRST ISSUE	NY	05/13
Rev	Description	By	Date

Consultant
ARUP

Contract No. and Title
Agreement No. CE 18/2012(CE)
Development of
Anderson Road Quarry -
Investigation

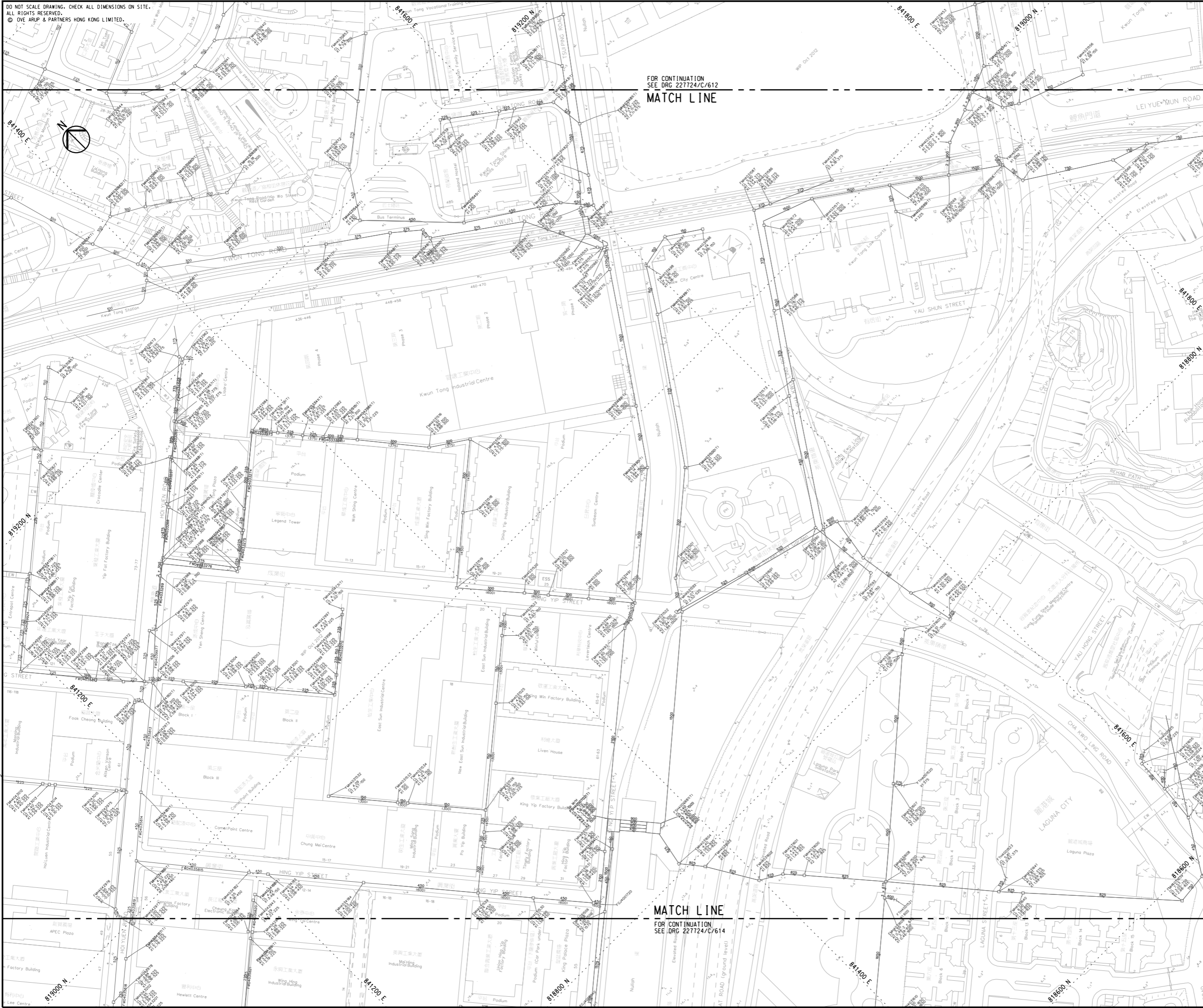
Drawing title
**PROPOSED SEWERAGE
LAYOUT PLAN**
(SHEET 12 OF 14)

Drawing no.	227724/C/612		Rev.	B			
Drawn	MAN	Date	05/13	Checked	CC	Approved	SYC
Scale	1:2000 @A3		Status	PRELIMINARY		COPYRIGHT RESERVED	



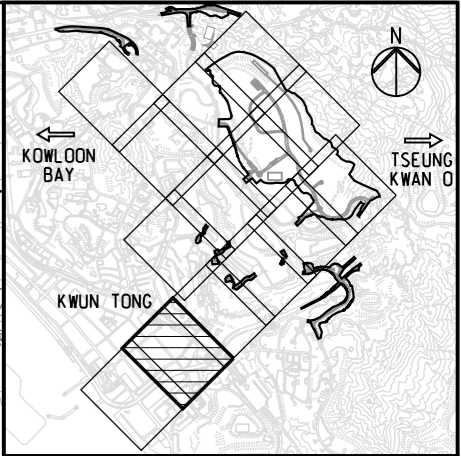
Printed by : 17/10/2013
Filename : J:\227724\ARUP\Civil\227724_C_612.dgn

DO NOT SCALE DRAWING. CHECK ALL DIMENSIONS ON SITE.
ALL RIGHTS RESERVED.
© OVE ARUP & PARTNERS HONG KONG LIMITED.



FOR CONTINUATION
SEE DRG 22724/C/612
MATCH LINE

MATCH LINE
FOR CONTINUATION
SEE DRG 22724/C/614



KEY PLAN

LEGEND

- WORKS BOUNDARY
- EXISTING SEWERAGE MANHOLE
- EXISTING SEWER
- UPGRADED SEWERAGE MANHOLE
- 225 (450) UPGRADED SEWER FROM 225 DIA. TO 450 DIA.
- PROPOSED SEWERAGE MANHOLE
- PROPOSED SEWER

Rev	Description	By	Date
B	THIRD ISSUE	NY	10/13
A	SECOND ISSUE	NY	07/13
-	FIRST ISSUE	NY	05/13

Consultant
ARUP

Contract No. and Title
Agreement No. CE 18/2012(CE)
Development of
Anderson Road Quarry -
Investigation

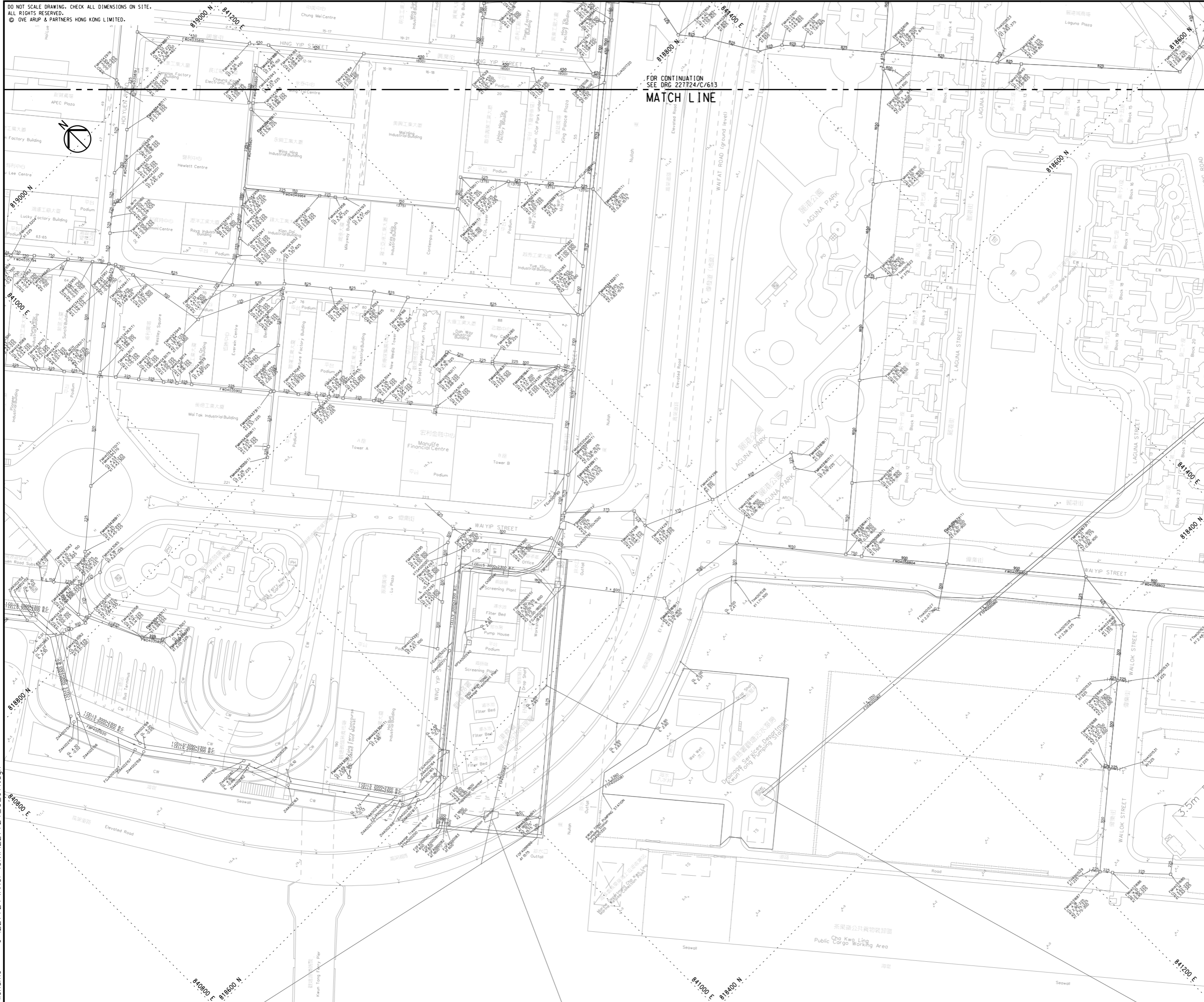
Drawing title
**PROPOSED SEWERAGE
LAYOUT PLAN**
(SHEET 13 OF 14)

Drawing no.	22724/C/613		Rev.	B			
Drawn	MAN	Date	05/13	Checked	CC	Approved	SYC
Scale	1:2000 @A3		Status	PRELIMINARY		COPYRIGHT RESERVED	

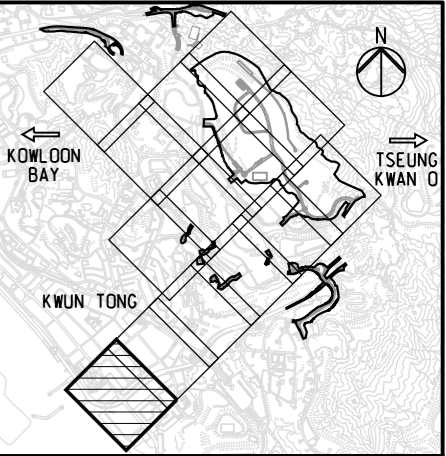


Printed by : 17/10/2013
Filename : J:\22724\ARUP\Civil\22724_C_613.dgn

DO NOT SCALE DRAWING. CHECK ALL DIMENSIONS ON SITE.
ALL RIGHTS RESERVED.
© OVE ARUP & PARTNERS HONG KONG LIMITED.



FOR CONTINUATION
SEE DRG 227724/C/613
MATCH LINE



KEY PLAN

LEGEND

- WORKS BOUNDARY
- EXISTING SEWERAGE MANHOLE
- EXISTING SEWER
- UPGRADED SEWERAGE MANHOLE
- 225 (450) UPGRADED SEWER FROM 225 DIA. TO 450 DIA.
- PROPOSED SEWERAGE MANHOLE
- PROPOSED SEWER

Rev	Description	By	Date
B	THIRD ISSUE	NY	10/13
A	SECOND ISSUE	NY	07/13
-	FIRST ISSUE	NY	05/13

Consultant
ARUP

Contract No. and Title
Agreement No. CE 18/2012(CE)
Development of
Anderson Road Quarry -
Investigation

Drawing title
**PROPOSED SEWERAGE
LAYOUT PLAN**
(SHEET 14 OF 14)

Drawing no. 227724/C/614		Rev. B	
Drawn MAN	Date 05/13	Checked CC	Approved SYC
Scale 1:2000 @A3		Status PRELIMINARY	

COPYRIGHT RESERVED



土木工程拓展署
Civil Engineering and
Development Department

Printed by : 17/10/2013
Filename : J:\227724\ARUP\Civil\227724_C_614.dgn

MANHOLE SCHEDULE FOR PROPOSED SEWERAGE SYSTEM

MANHOLE NO.	MANHOLE TYPE		APPROXIMATE GROUND LEVEL (mPD)	INLET PIPE		OUTLET PIPE		TO MANHOLE	CLASS OF OUTLET PIPE	TYPE OF BEDDING OF OUTLET PIPE
				INVERT LEVEL (mPD)	NOMINAL DIA. (mm)	INVERT LEVEL (mPD)	NOMINAL DIA. (mm)			
F161	E1		200.0	-	-	197.3	300	F160	VC CLASS 120	B
F160	F1		200.0	196.9	300	196.9	300	F159	VC CLASS 120	B
F159	F1		198.9	196.4	300	195.8	300	F158	VC CLASS 120	B
F158	F1		197.8	195.3	300	194.7	300	F157	VC CLASS 120	B
F157	F1		196.7	194.2	300	193.6	300	F156	VC CLASS 120	B
F156	F1		195.6	193.1	300	192.5	300	F155	VC CLASS 120	B
F155	F1		194.4	191.9	300	191.3	300	F154	VC CLASS 120	B
F154	F1		193.3	190.8	300	190.2	300	F153	VC CLASS 120	B
F153	F1		192.2	189.7	300	189.1	300	F152	VC CLASS 120	B
F152	F1		191.1	188.6	300	188.0	300	F151	VC CLASS 120	B
F151	E1		190.0	187.5	300	187.5	375	F150	VC CLASS 120	B
F150	E1		190.0	187.3	375	187.3	375	F149	VC CLASS 120	B
F149	E1		190.0	187.2	375	187.2	375	F148	VC CLASS 120	B
F148	E1		190.0	187.0	375	187.0	375	F147	VC CLASS 120	B
F147	F1		190.0	186.9	375	186.9	375	F146	VC CLASS 120	B
F146	F1		190.0	186.8	375	186.8	450	F145	VC CLASS 120	B
F145	F1		190.3	186.6	450	186.6	450	F144	VC CLASS 120	B
F144	L		190.5	186.5	450	186.5	450	F143	VC CLASS 120	B
F143	L		190.8	186.3	450	186.3	450	F142	VC CLASS 120	B
F142	L		191.0	186.1	450	186.1	450	F141	VC CLASS 120	B
F141	L		191.3	186.0	450	186.0	450	F140	VC CLASS 120	B
F140	L		191.5	185.8	450	185.8	450	F139	VC CLASS 120	B
F139	L		191.8	185.7	450	185.7	450	F138	VC CLASS 120	B
F138	Special		192.0	185.5	450	185.5	450	F137	VC CLASS 120	B
F137	L		190.4	185.2	450	185.2	450	F136	VC CLASS 120	B
F136	L		188.8	185.0	450	184.7	450	F135	VC CLASS 120	B
F135	F1		187.2	184.2	450	183.6	450	F134	VC CLASS 120	B
F134	F1	with Backdrop Manhole Type 3	185.6	183.1	450	181.9	450	F133	VC CLASS 120	B
F133	F1	with Backdrop Manhole Type 3	184.0	181.5	450	180.3	450	F132	VC CLASS 120	B
F132	F1		182.4	179.9	450	179.3	450	F131	VC CLASS 120	B
F131	E1		180.8	178.5	450	178.5	450	F112	VC CLASS 120	B
F121	E1		180.0	-	-	177.8	375	F112	VC CLASS 120	B
F112	E1		180.0	177.7	375	177.7	450	F111	VC CLASS 120	B
F111	E1		180.0	177.5	450	177.5	450	D21	VC CLASS 120	B
D21	Existing	Existing Manhole to be Modified	178.5	177.3	450	177.3	450	D22	VC CLASS 120	B
D22	Existing	Existing Manhole to be Modified	175.0	173.0	450	173.0	450	D9	VC CLASS 120	B
D9	Existing	Existing Manhole to be Modified	175.0	172.9	450	171.7	450	D10	VC CLASS 120	B
D10	Existing	Existing Manhole to be Modified	159.5	157.5	450	156.9	450	D11	VC CLASS 120	B
D11	Existing	Existing Manhole to be Modified	157.9	155.5	450	154.9	450	D12	VC CLASS 120	B
D12	Existing	Existing Manhole to be Modified	154.5	153.1	450	148.4	450	D13	VC CLASS 120	B
D13	Existing	Existing Manhole to be Modified	150.8	146.4	450	145.8	450	D14	VC CLASS 120	B
D14	Existing	Existing Manhole to be Modified	147.1	143.8	450	143.2	450	D15	VC CLASS 120	B
D15	Existing	Existing Manhole to be Modified	144.1	141.8	450	141.2	450	D16	VC CLASS 120	B
D16	Existing	Existing Manhole to be Modified	141.2	139.7	450	135.6	450	D17	VC CLASS 120	B
D17	Existing	Existing Manhole to be Modified	137.0	133.7	450	133.1	450	D18	VC CLASS 120	B
D18	Existing	Existing Manhole to be Modified	134.5	131.8	450	129.6	450	D19	VC CLASS 120	B
D19	Existing	Existing Manhole to be Modified	130.4	127.8	450	127.2	450	D20	VC CLASS 120	B
D20	Existing	Existing Manhole to be Modified	128.0	125.8	450	125.2	450	D20a	VC CLASS 120	B
D20a	Existing	Existing Manhole to be Modified	125.3	123.8	450	123.2	750	C25-1 (EX)	EXISTING	EXISTING
F237	E1		198.0	-	-	195.5	300	F236	VC CLASS 120	B
F236	E1		197.3	194.8	300	194.8	300	F235	VC CLASS 120	B
F235	E1		196.7	194.2	300	194.2	300	F234	VC CLASS 120	B
F234	E1		196.0	193.5	300	193.5	300	F233	VC CLASS 120	B
F233	E1		195.3	192.8	300	192.8	300	F232	VC CLASS 120	B
F232	E1		194.7	192.2	300	192.2	300	F231	VC CLASS 120	B
F231	E1		194.0	191.5	300	191.5	375	F230	VC CLASS 120	B
F230	E1		193.3	190.8	375	190.8	375	F229	VC CLASS 120	B
F229	E1		192.7	190.2	375	190.2	375	F228	VC CLASS 120	B
F228	E1		192.0	189.5	375	189.5	375	F227	VC CLASS 120	B
F227	E1		191.3	188.8	375	188.8	375	F226	VC CLASS 120	B
F226	E1		190.7	188.2	375	187.9	375	F225	VC CLASS 120	B
F225	E1		190.0	187.5	375	187.2	450	F224	VC CLASS 120	B
F224	E1		190.0	187.0	450	187.0	450	F223	VC CLASS 120	B
F223	F1		190.0	186.8	450	186.8	450	F222	VC CLASS 120	B
F222	L		190.0	186.6	450	186.0	450	F221	VC CLASS 120	B
F221	L		190.0	185.8	450	185.2	450	F220	VC CLASS 120	B
F220	L	with Backdrop Manhole Type 3	188.0	185.0	450	184.0	450	F219	VC CLASS 120	B
F219	L	with Backdrop Manhole Type 3	186.0	183.5	450	182.0	450	F218	VC CLASS 120	B
F218	L	with Backdrop Manhole Type 3	184.0	181.5	450	180.0	450	F217	VC CLASS 120	B
F217	L	with Backdrop Manhole Type 3	182.0	179.5	450	178.0	450	F216	VC CLASS 120	B
F216	L	with Backdrop Manhole Type 3	180.0	177.5	450	176.0	450	F215	VC CLASS 120	B
F215	L	with Backdrop Manhole Type 3	178.0	175.5	450	174.0	450	F214	VC CLASS 120	B
F214	L	with Backdrop Manhole Type 3	176.0	173.5	450	172.0	450	F213	VC CLASS 120	B
F213	F1	with Backdrop Manhole Type 3	174.0	171.5	450	170.4	450	F212	VC CLASS 120	B
F212	F1	with Backdrop Manhole Type 3	172.4	169.9	450	168.8	450	F211	VC CLASS 120	B
F211	F1	with Backdrop Manhole Type 3	170.8	168.3	450	167.2	450	F210	VC CLASS 120	B
F210	F1	with Backdrop Manhole Type 3	169.3	166.8	450	165.7	450	F209	VC CLASS 120	B
F209	F1	with Backdrop Manhole Type 3	167.7	165.2	450	164.1	450	F208	VC CLASS 120	B
F208	F1	with Backdrop Manhole Type 3	166.1	163.6	450	162.5	450	F207	VC CLASS 120	B
F207	F1	with Backdrop Manhole Type 3	164.5	162.0	450	160.9	450	F206	VC CLASS 120	B
F206	F1	with Backdrop Manhole Type 3	162.9	160.4	450	159.3	450	F205	VC CLASS 120	B
F205	F1	with Backdrop Manhole Type 3	161.3	158.8	450	157.7	450	F204	VC CLASS 120	B
F204	F1	with Backdrop Manhole Type 3	159.7	157.2	450	156.2	450	F203	VC CLASS 120	B
F203	F1	with Backdrop Manhole Type 3	158.2	155.7	450	154.5	450	F202	VC CLASS 120	B
F202	F1		156.6	154.0	450	153.4	450	F201	VC CLASS 120	B
F201	E1		155.5	153.0	450	152.8	450	A21 (EX)	VC CLASS 120	B

Rev.	Description	By	Date
B	THIRD ISSUE	NY	10/13
A	SECOND ISSUE	NY	07/13
-	FIRST ISSUE	NY	05/13

Consultant
ARUP

Contract No. and Title
Agreement No. CE 18/2012(CE)
Development of
Anderson Road Quarry -
Investigation

Drawing title
**MANHOLE SCHEDULE FOR
PROPOSED SEWERAGE SYSTEM**

Drawing no. 227724/C/620		Rev. B	
Drawn MAN	Date 05/13	Checked CC	Approved SYC
Scale N.T.S.		Status PRELIMINARY	