Appendix I
Drawings

© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/LKT/F001 TO F026A.

LEGEND:

- FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED
- FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT
- A — REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL

	Designed	Checked	Drawn	Checked
Initial	HLC	TL	HW	WLS
Date	10/08	10/08	10/08	10/08

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS IN LUNG KWU TAN KEY PLAN

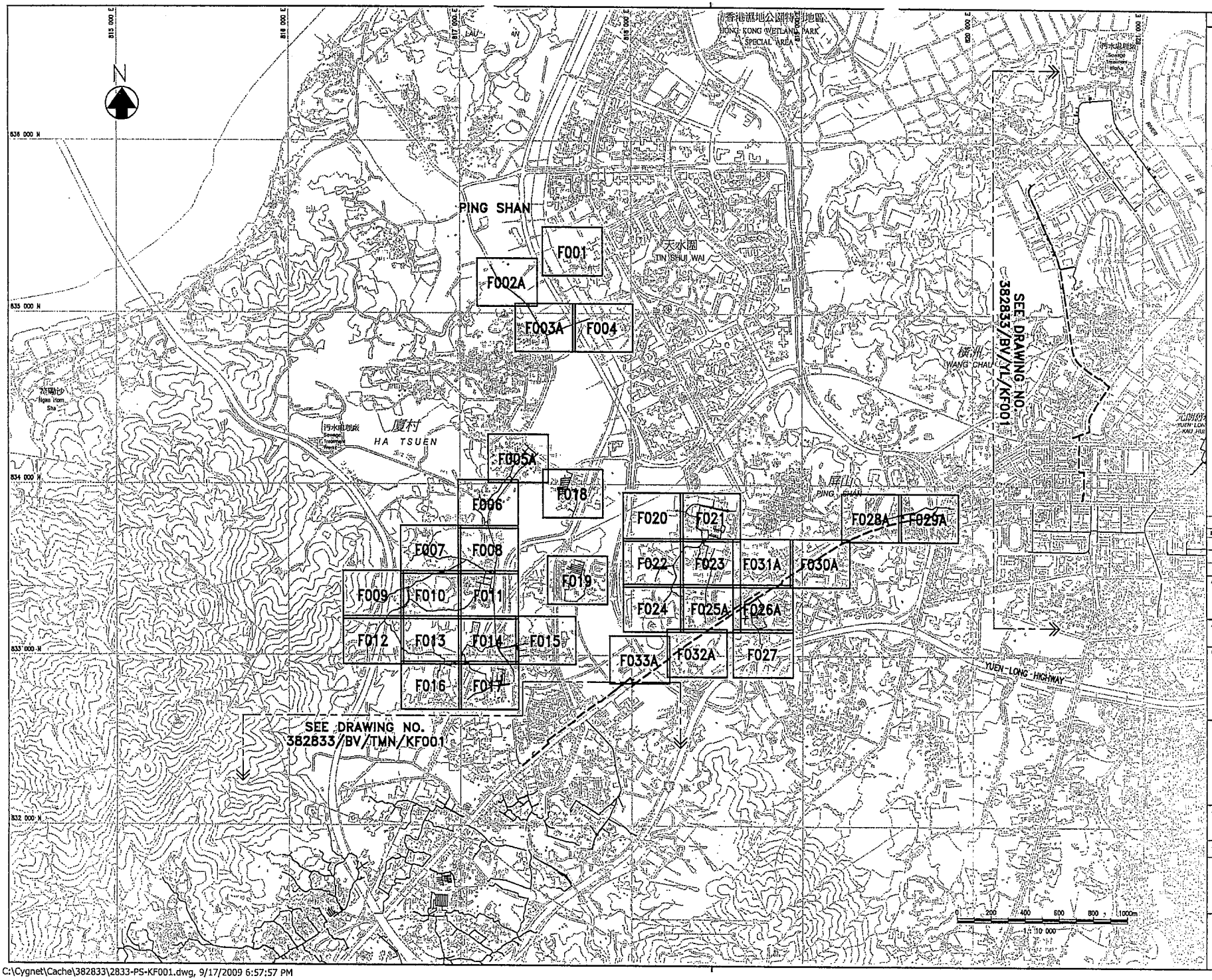
Drawing No. 382833/BV/LKT/KF001
Revision 1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
博威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-LKT-KF001.dwg, 9/17/2009 6:51:50 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/PS/F001 TO F033A.

LEGEND:

FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

F001A REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
	Designed	Checked	Drawn	Checked	
Initial	HLC	TL	HW	WLS	
Date	10/08	10/08	10/08	10/08	

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS IN PING SHAN KEY PLAN

Drawing No.
382833/BV/PS/KF001

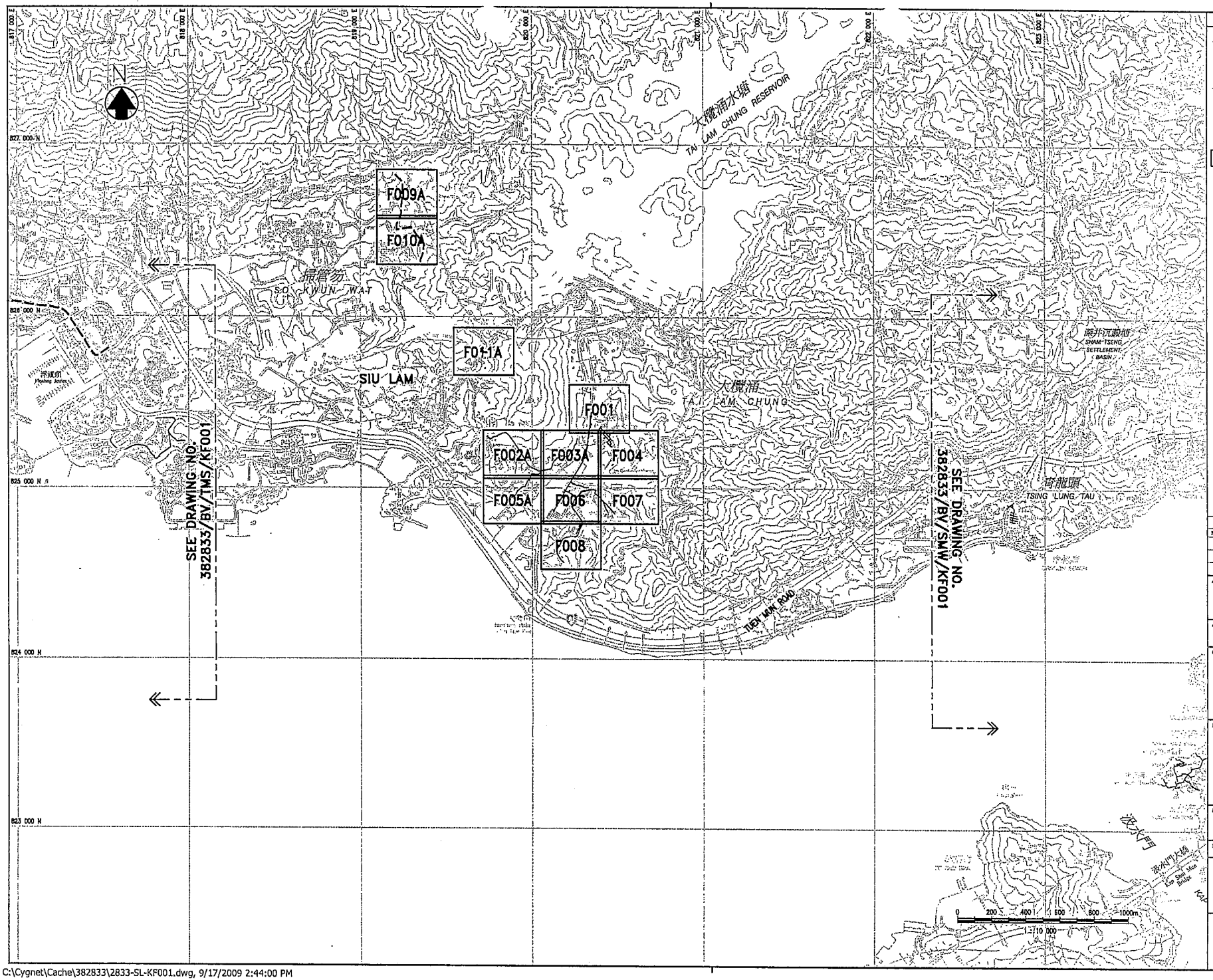
Revision
1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
博威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-PS-KF001.dwg, 9/17/2009 6:57:57 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/SL/F001 TO F011A.

LEGEND:

FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

A REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
	Designed	Checked	Drawn	Checked	
Initial	HLC	TL	HW	WLS	
Date	10/08	10/08	10/08	10/08	

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES - INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS OF SIU LAM KEY PLAN

Drawing No.
382833/BV/SL/KF001

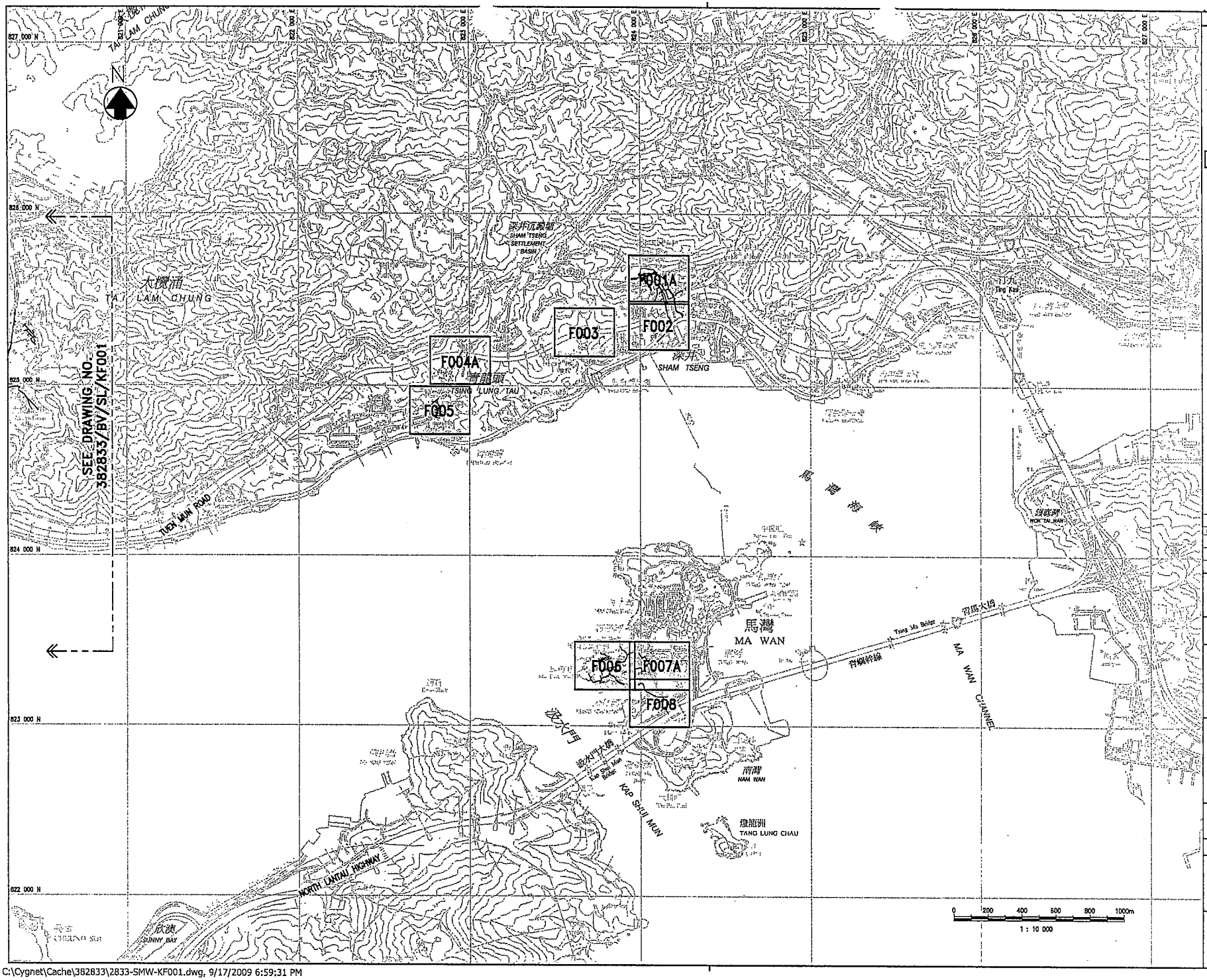
Revision
1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
柏威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-SL-KF001.dwg, 9/17/2009 2:44:00 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/SMW/F001A TO F008.

LEGEND:

- FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED
- FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT
- A — REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
		Designed	Checked	Drawn	Checked
Initial		T.C	TL	JW	WLS
Date		10/08	10/08	10/08	10/08

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS IN SHAM TSENG & MA WAN KEY PLAN

Drawing No.
382833/BV/SMW/KF001

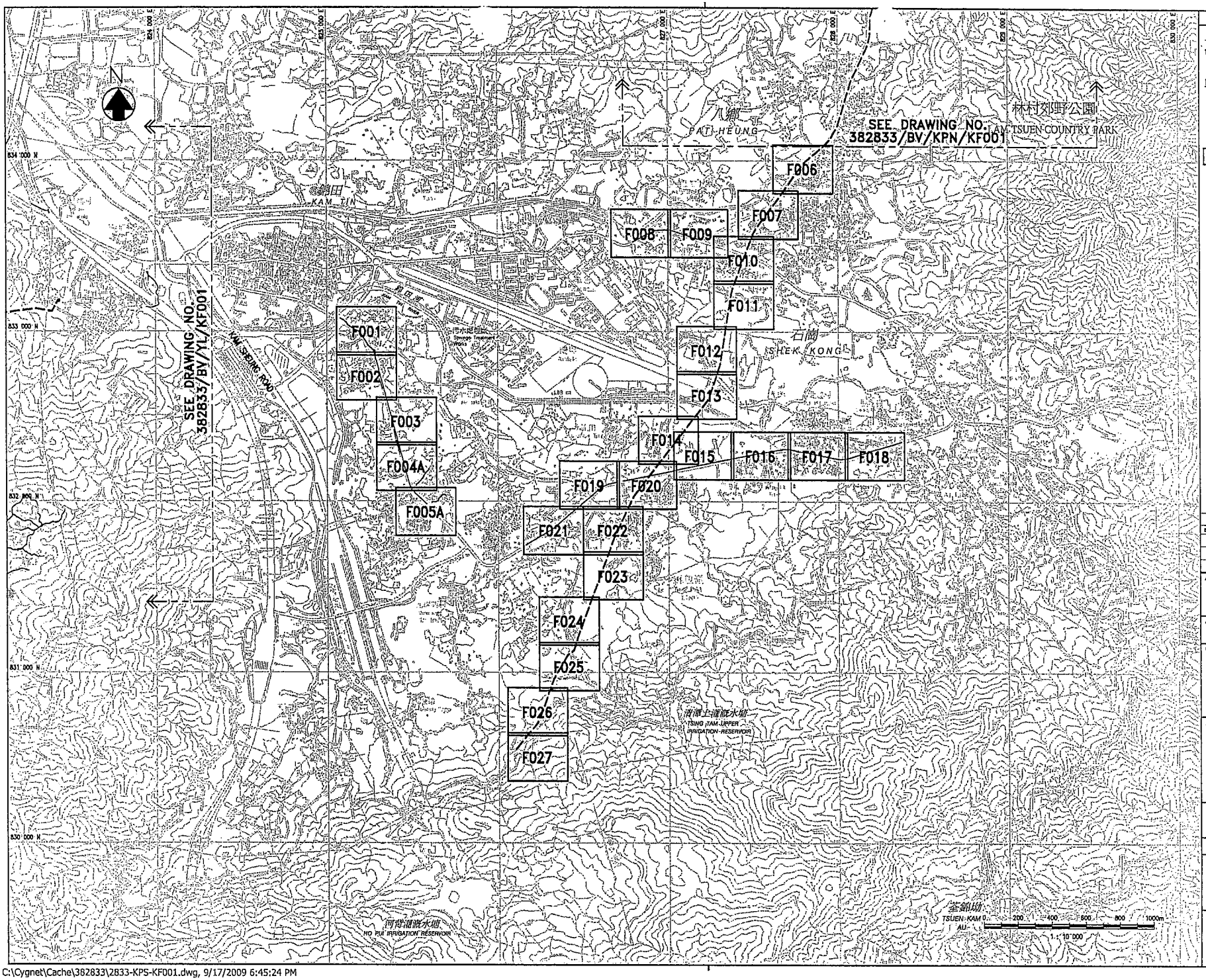
Revision
1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
柏威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-SMW-KF001.dwg, 9/17/2009 6:59:31 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/KPS/FD01 TO FD27.

LEGEND:

FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

F001A REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description	Initial
1	09/09	SCOPE REVISED	TL

	Designed	Checked	Drawn	Checked
Initial	HLC	TL	HW	WLS
Date	10/08	10/08	10/08	10/08

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS IN KAM TIN & PAT HEUNG SOUTH KEY PLAN

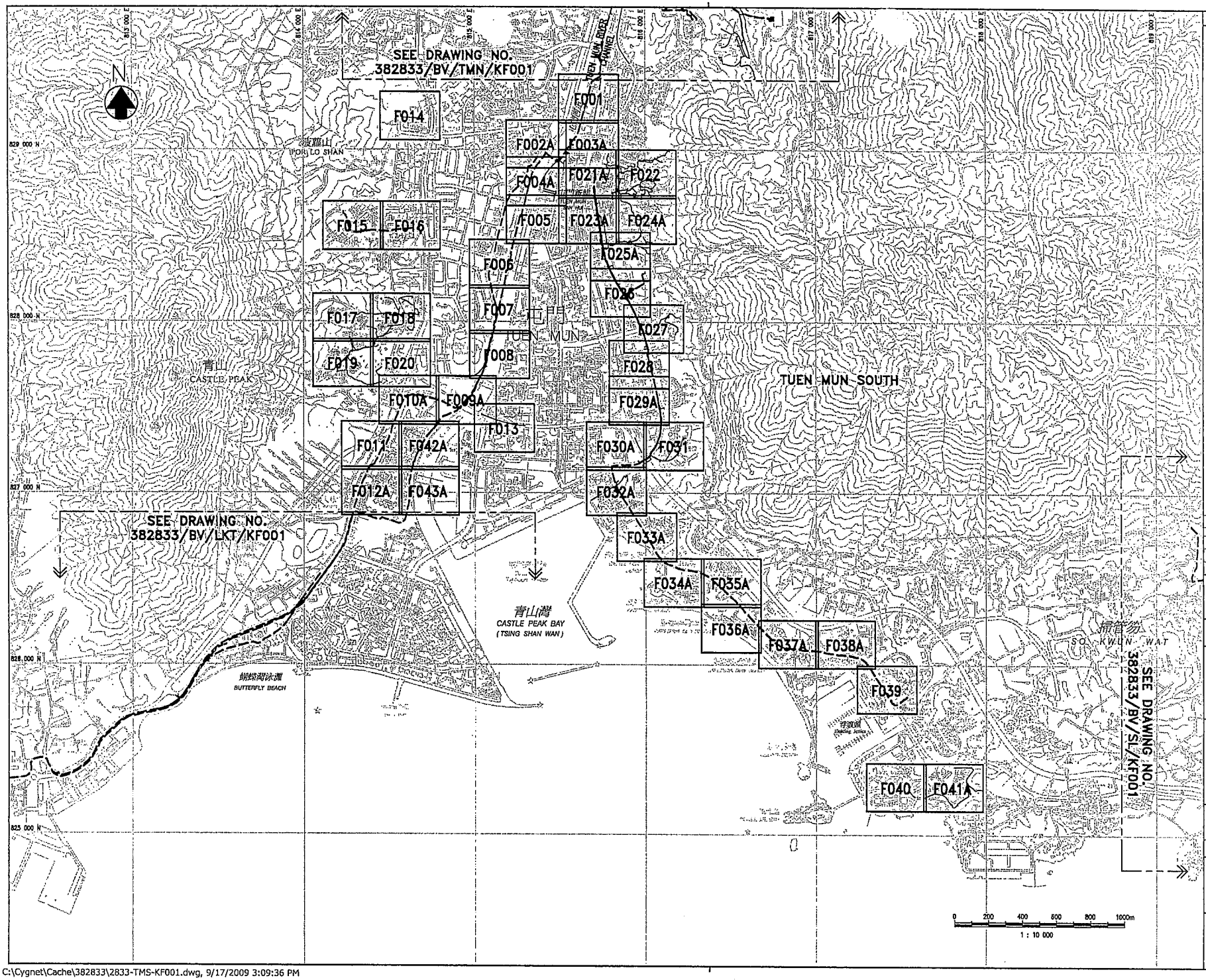
Drawing No. 382833/BV/KPS/KF001
Revision 1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
博威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-KPS-KF001.dwg, 9/17/2009 6:45:24 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/TMS/F001 TO F043A.

LEGEND:

FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

F0XX-A REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Issue	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
	Designed	Checked	Drawn		Checked
Initial	ILC	TL	HW		WLS
Date	10/08	10/08	10/08		10/08

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS IN TUEN MUN SOUTH KEY PLAN

Drawing No.
382833/BV/TMS/KF001

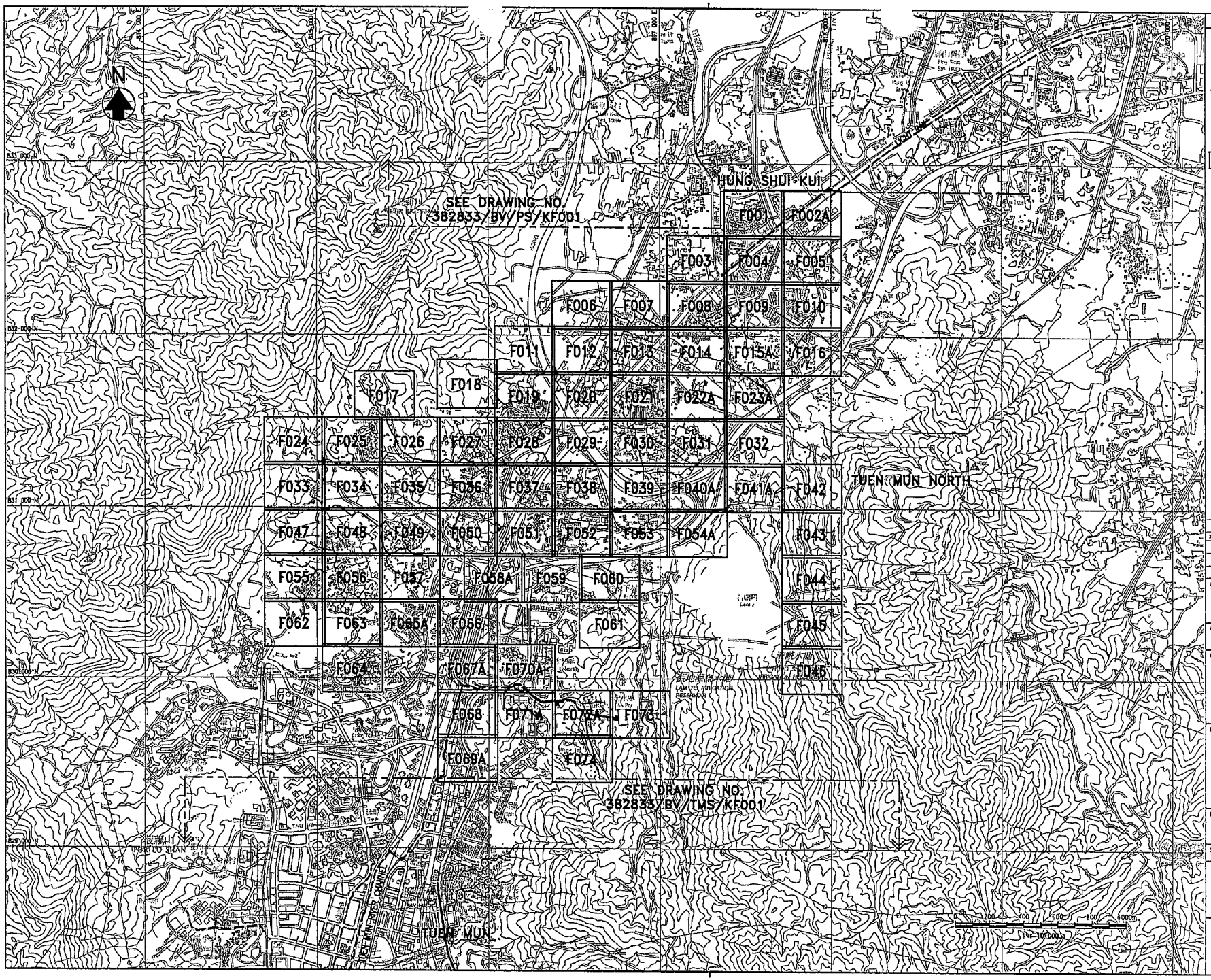
Revision
1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
柏威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-TMS-KF001.dwg, 9/17/2009 3:09:36 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/TMN/FD01 TO FD74.

LEGEND:

FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

FXXXA REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
	Designed	Checked	Drawn	Checked	
Initial	HLC	TL	HW	WLS	
Date	10/06	10/06	10/06	10/06	

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

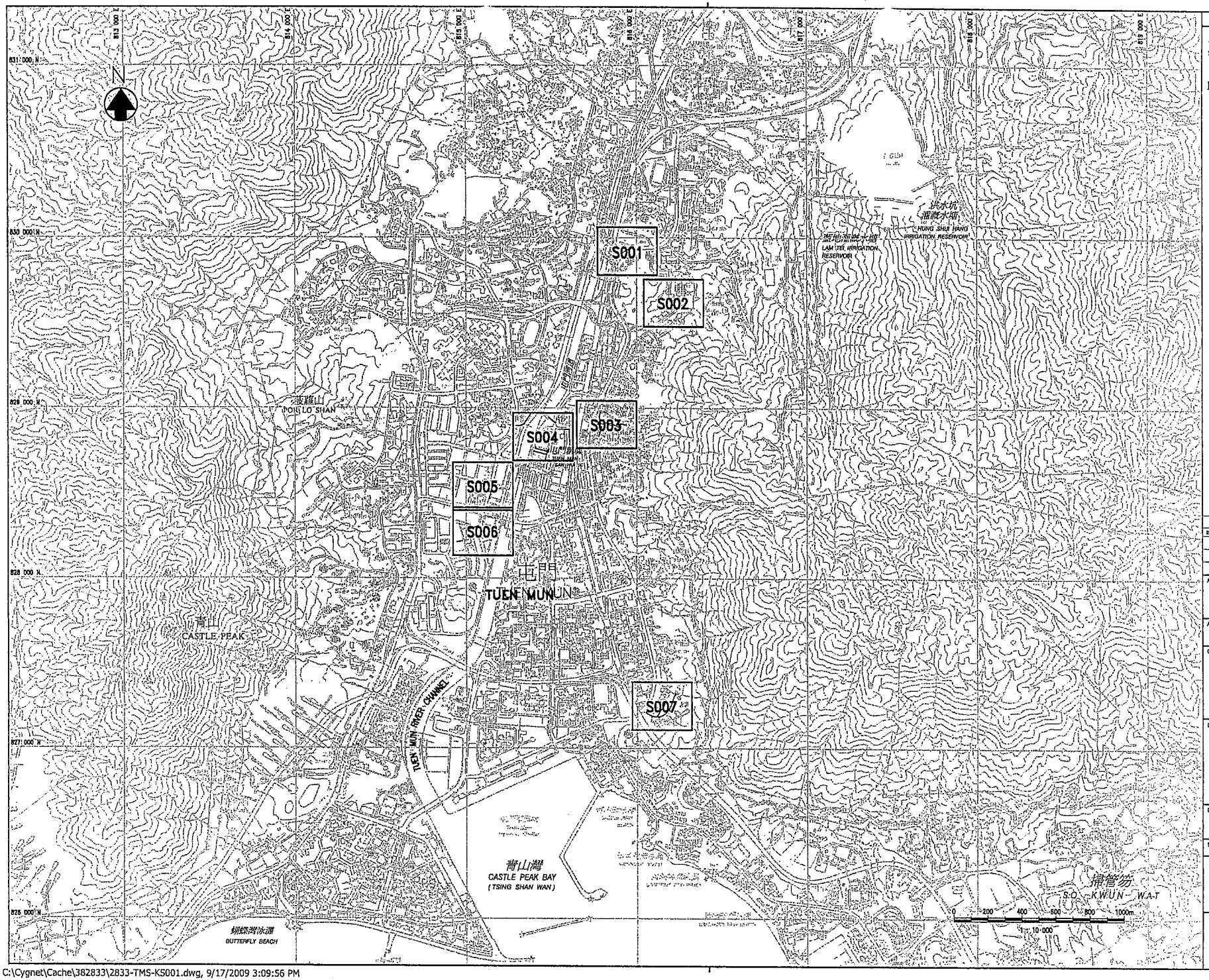
Drawing Title
FRESH WATER MAINS IN TUEN MUN NORTH & HUNG SHUI KUI KEY PLAN

Drawing No. 382833/BV/TMN/KF001
Revision 1

Scale A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
柏威工程顧問有限公司



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/TMS/S001 TO S007.

LEGEND:

SALT WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

SALT WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
		Designed	Checked	Drawn	Checked
Initial		HLC	TL	HW	WLS
Date		10/08	10/08	10/08	10/08

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
SALT WATER MAINS IN TUEN MUN SOUTH KEY PLAN

Drawing No.
382833/BV/TMS/KS001

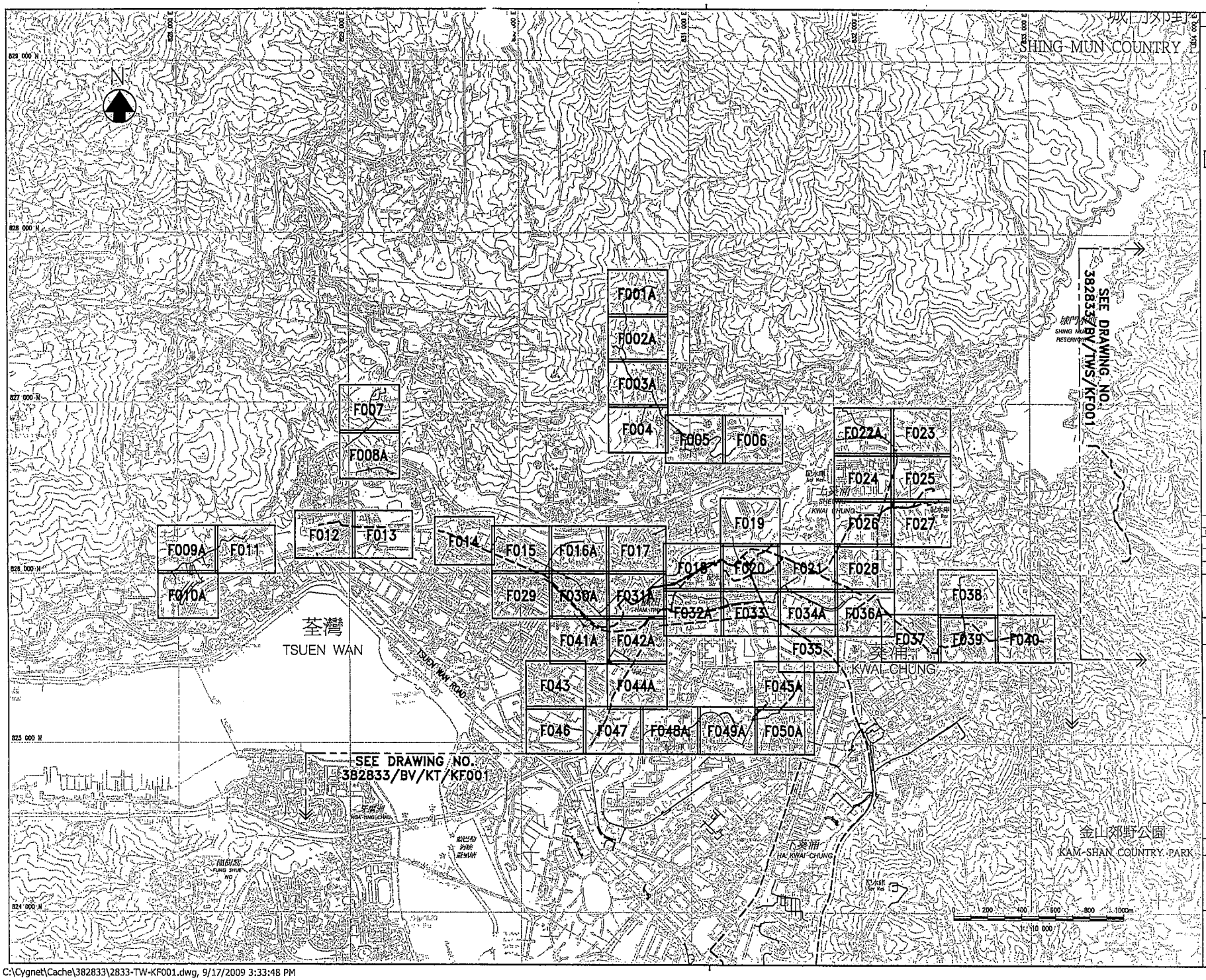
Revision
1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
柏威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-TMS-KS001.dwg, 9/17/2009 3:09:56 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/TW/F001A TO F050A.

LEGEND:

FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

F001A REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
	Designed	Checked	Drawn	Checked	
Initial	H.C	TL	HM	WLS	
Date	10/08	10/08	10/08	10/08	

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES - INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS IN TSUEN WAN KEY PLAN

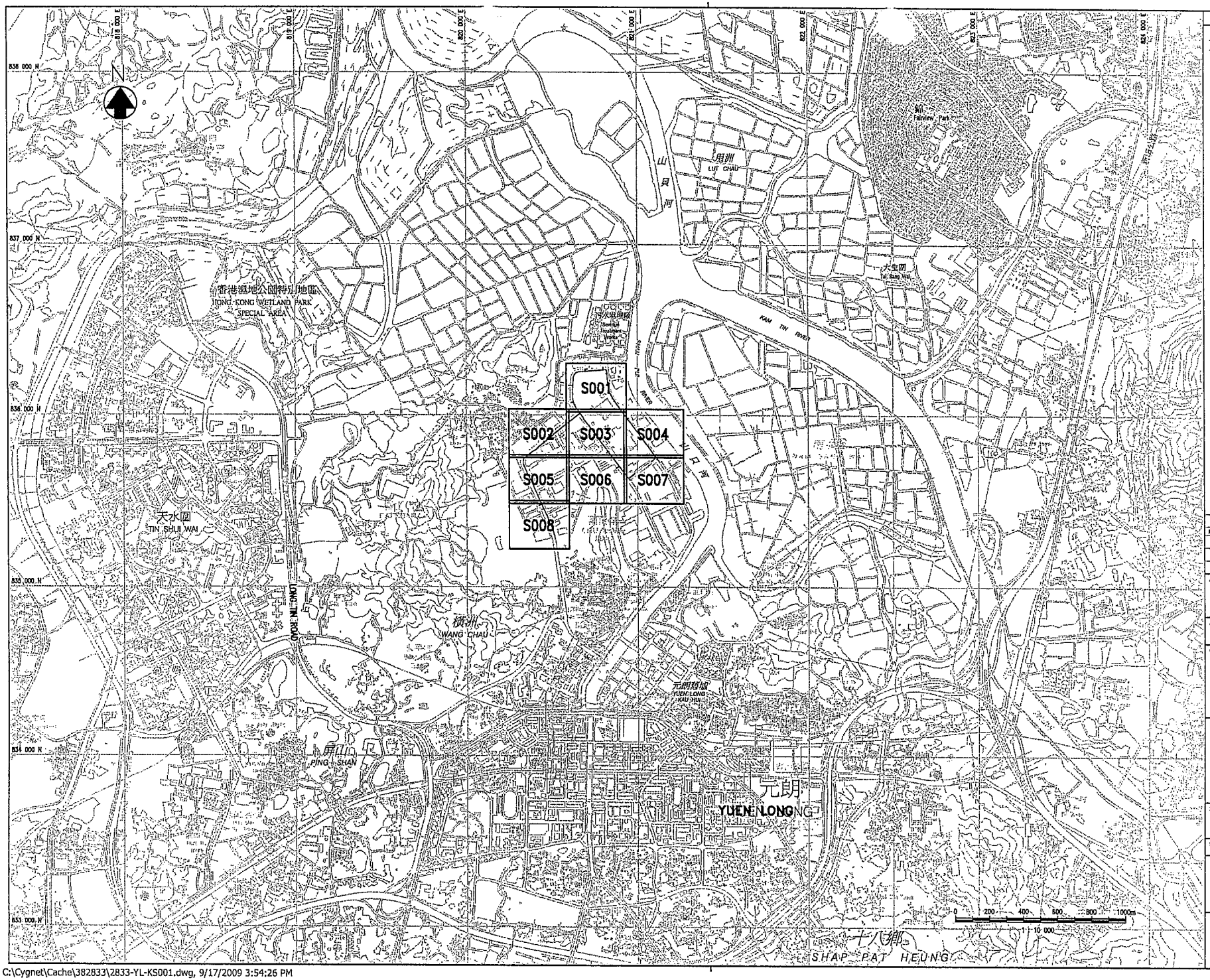
Drawing No. 382833/BV/TW/KF001
Revision 1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
柏威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-TW-KF001.dwg, 9/17/2009 3:33:48 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/YL/S001 TO S008.

LEGEND:

SALT WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

SALT WATER MAINS (DN>=600) REQUIRING CONVITION ASSESSMENT

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
	Designed	Checked	Drawn		Checked
Initial	HLC	TL	HW		WLS
Date	10/08	10/08	10/08		10/08

Approved

Approval No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
SALT WATER MAINS IN YUEN LONG KEY PLAN

Drawing No.
382833/BV/YL/KS001

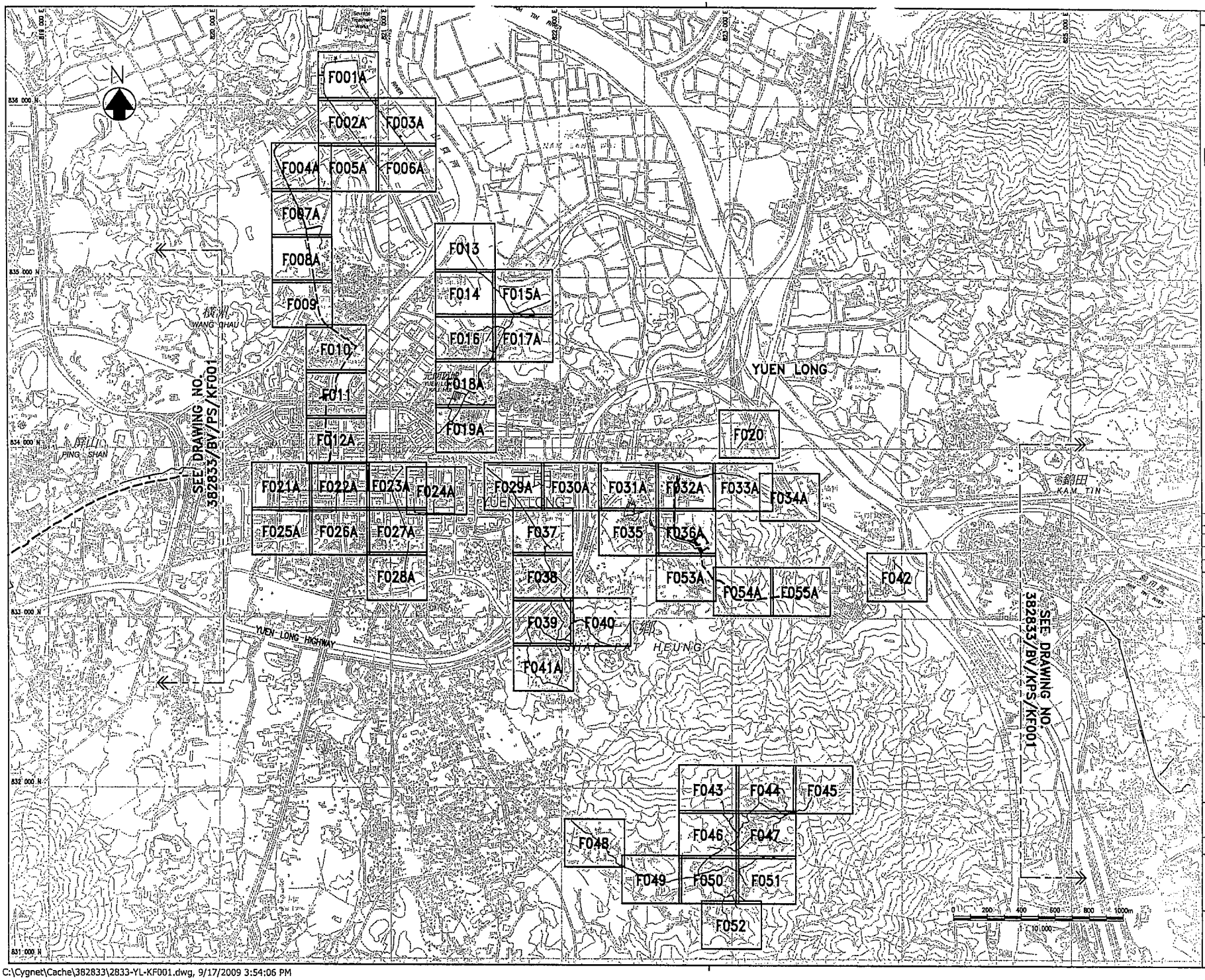
Revision
1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
柏威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-YL-KS001.dwg, 9/17/2009 3:54:26 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/YL/T001A TO F055A.

LEGEND:

FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
		Designed	Checked	Drawn	Checked
Initial	HLC	TL	HM	WLS	
Date	10/08	10/08	10/08	10/08	

Approved

Agreement No.

CE 10/2008 (WS)

Contract Title

REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title

FRESH WATER MAINS IN YUEN LONG KEY PLAN

Drawing No.

382833/BV/YL/KF001

Revision

1

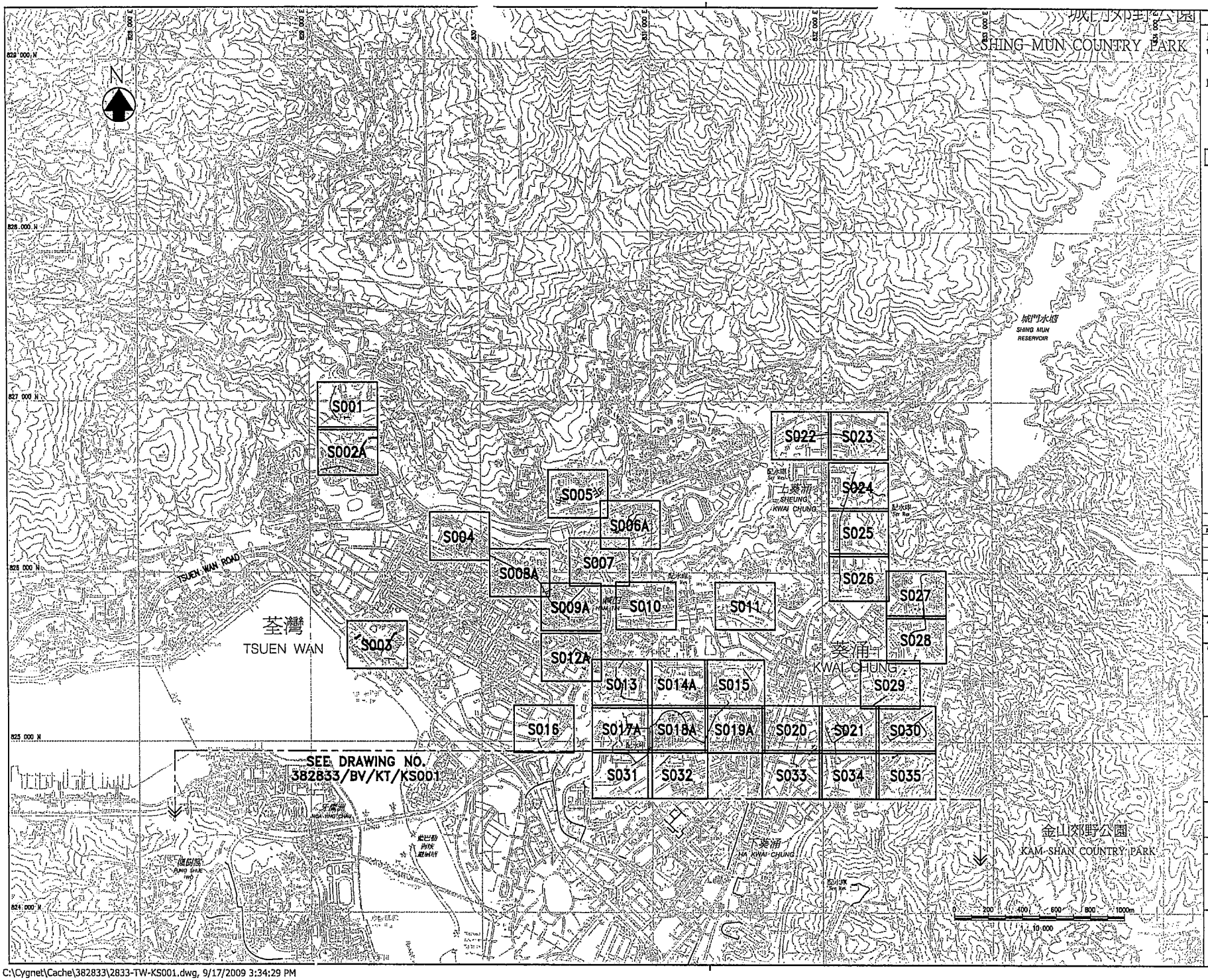
Scale

A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
博威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-YL-KF001.dwg, 9/17/2009 3:54:06 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/TW/S001 TO S035.

LEGEND:

SALT WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

SALT WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

A REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
Initial	HLC	TL	HW	WLS	
Date	10/08	10/08	10/08	10/08	

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
SALT WATER MAINS IN TSUEN WAN KEY PLAN

Drawing No.
382833/BV/TW/KS001

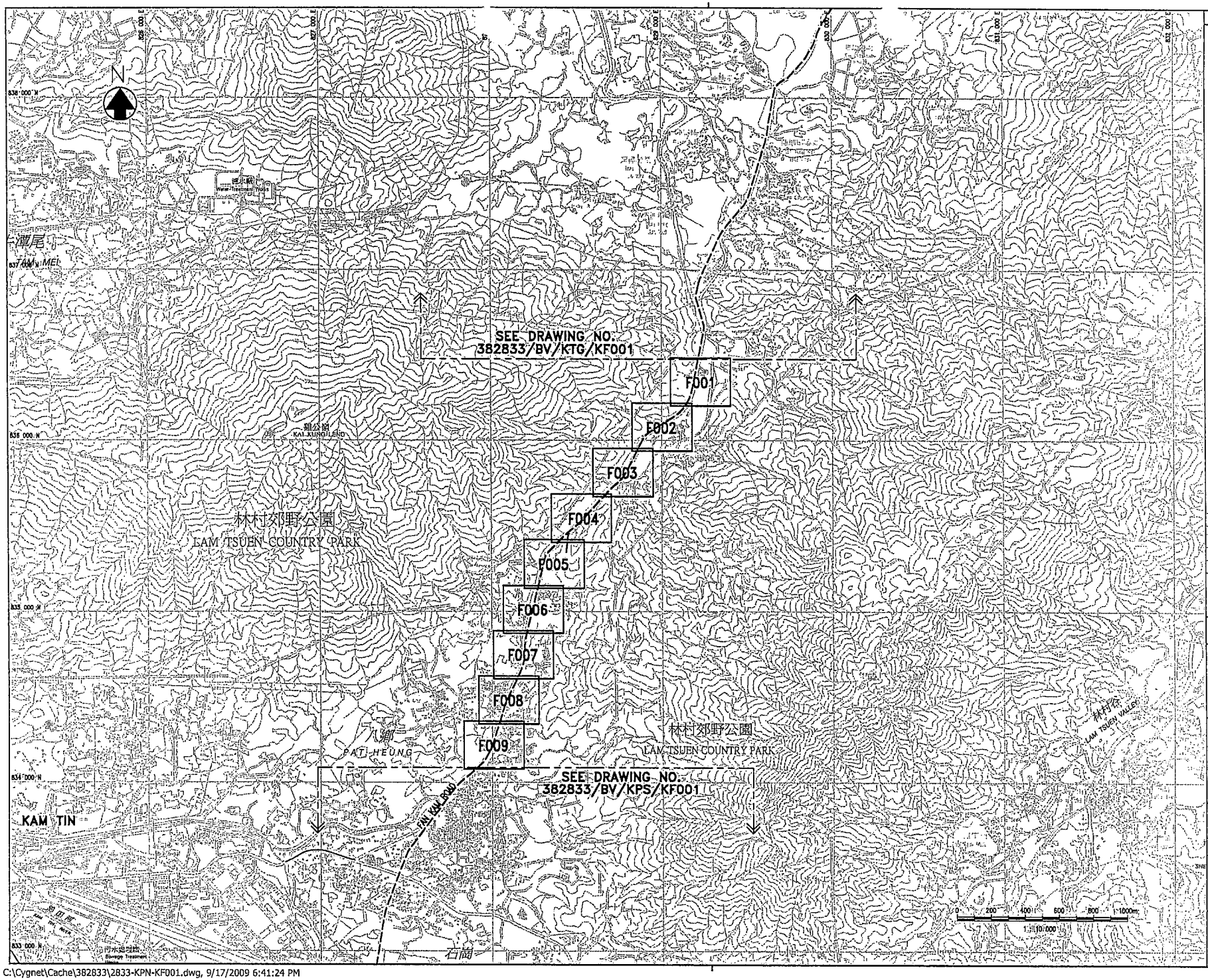
Revision
1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
柏威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-TW-KS001.dwg, 9/17/2009 3:34:29 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/KPN/TD01 TO F009.

LEGEND:

FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
	Designed	Checked	Drawn	Checked	
Initial	HLC	TL	JW	WLS	
Date	10/08	10/08	10/08	10/08	

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES - INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS IN KAM TIN & PAT HEUNG NORTH KEY PLAN

Drawing No.
382833/BV/KPN/KF001

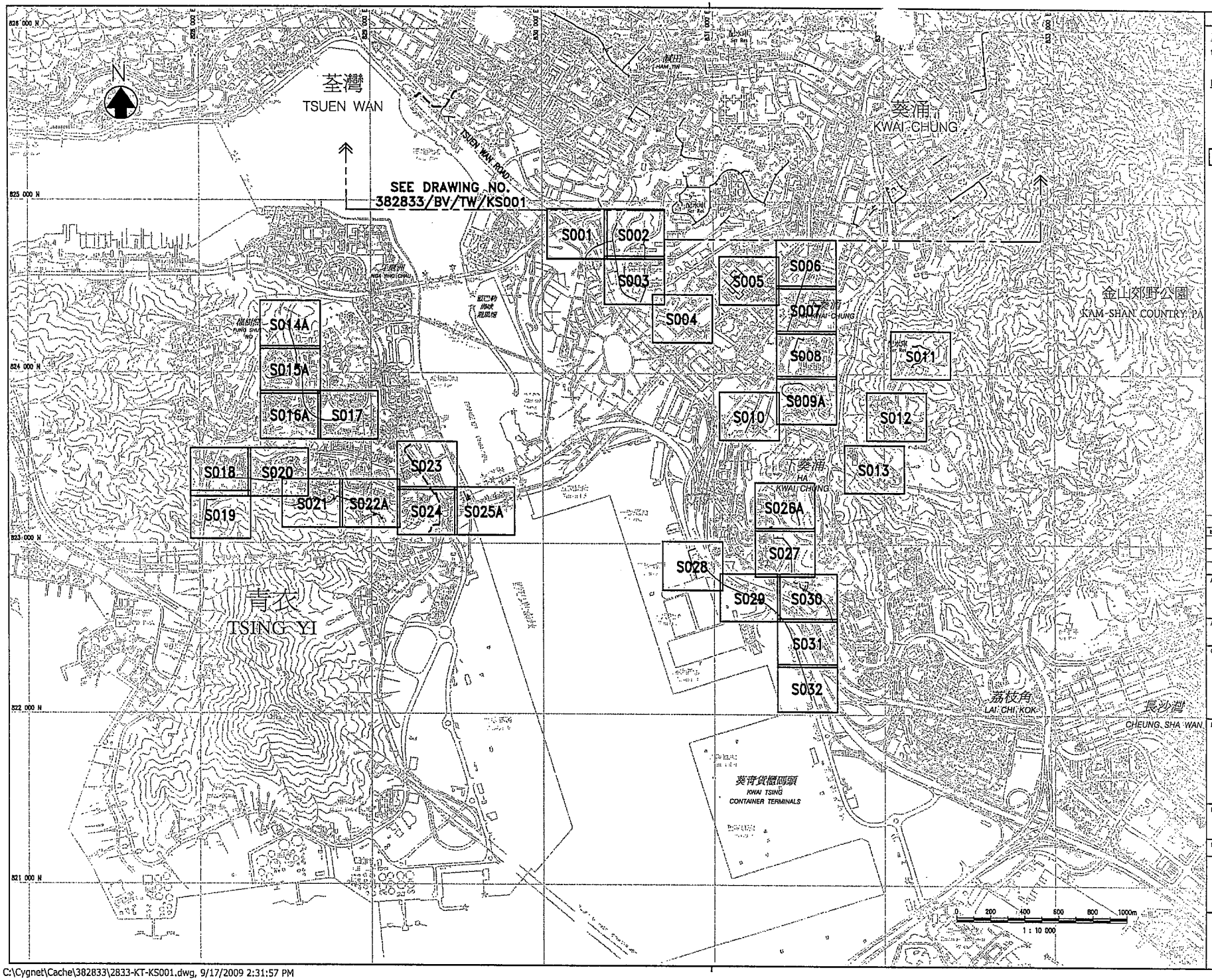
Revision
1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
博威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-KPN-KF001.dwg, 9/17/2009 6:41:24 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/KT/S001 TO S032.

LEGEND:

SALT WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

SALT WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

S001A REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
	Designed	Checked	Drawn		Checked
Initial	HLC	TL	HW		WLS
Date	10/08	10/08	10/08		10/08

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
SALT WATER MAINS IN KWAI CHUNG & TSING YI KEY PLAN

Drawing No.
382833/BV/KT/KS001

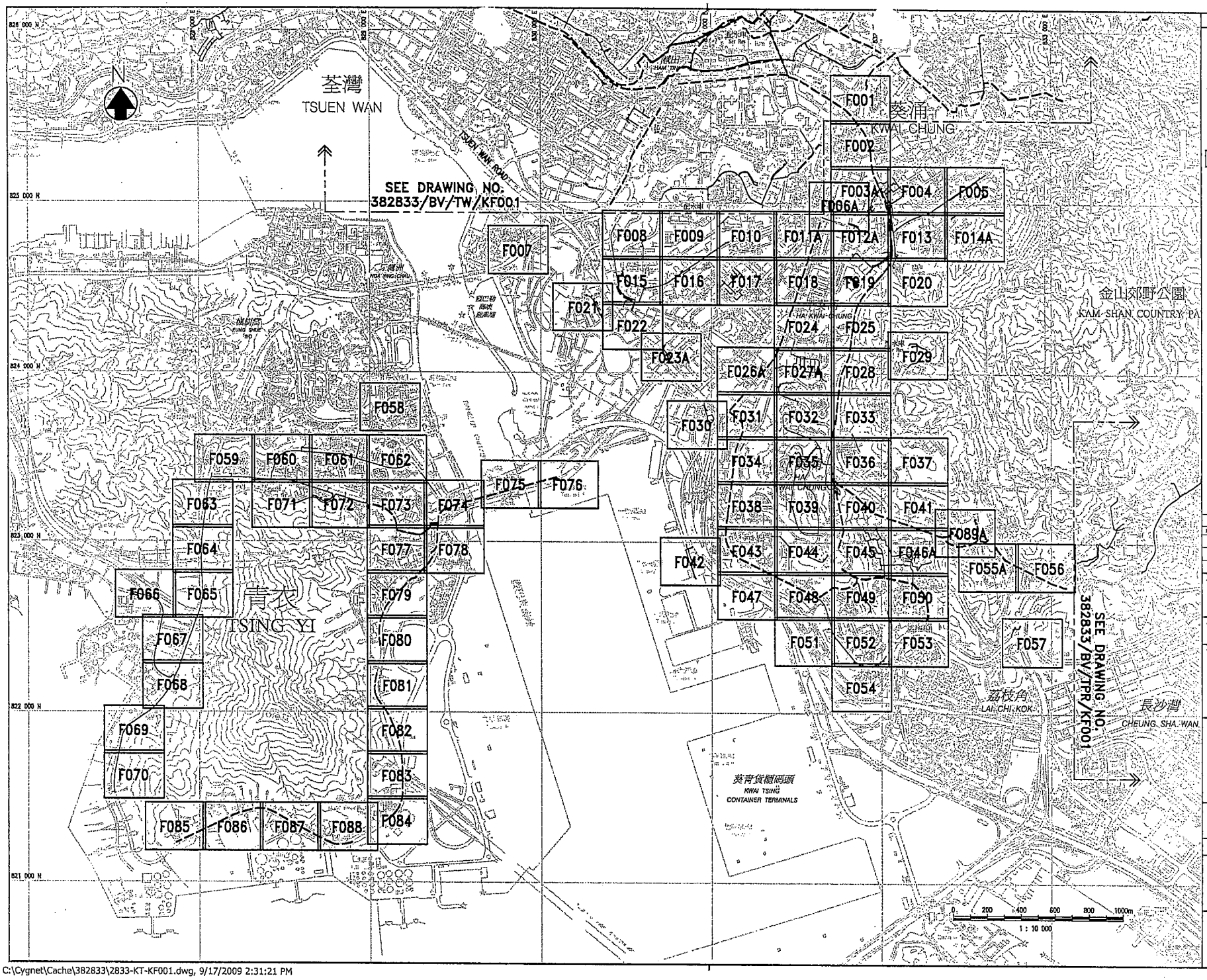
Revision
1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
柏維工程顧問有限公司

C:\Cygnet\Cache\382833\2833-KT-KS001.dwg, 9/17/2009 2:31:57 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/KT/F001 TO F089A.

LEGEND:

FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

F001A REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
	Designed	Checked	Drawn		Checked
Initial	HLC	TL	HW		WLS
Date	10/08	10/08	10/08		10/08

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS IN KWAI CHUNG & TSING YI KEY PLAN

Drawing No. 382833/BV/KT/KF001

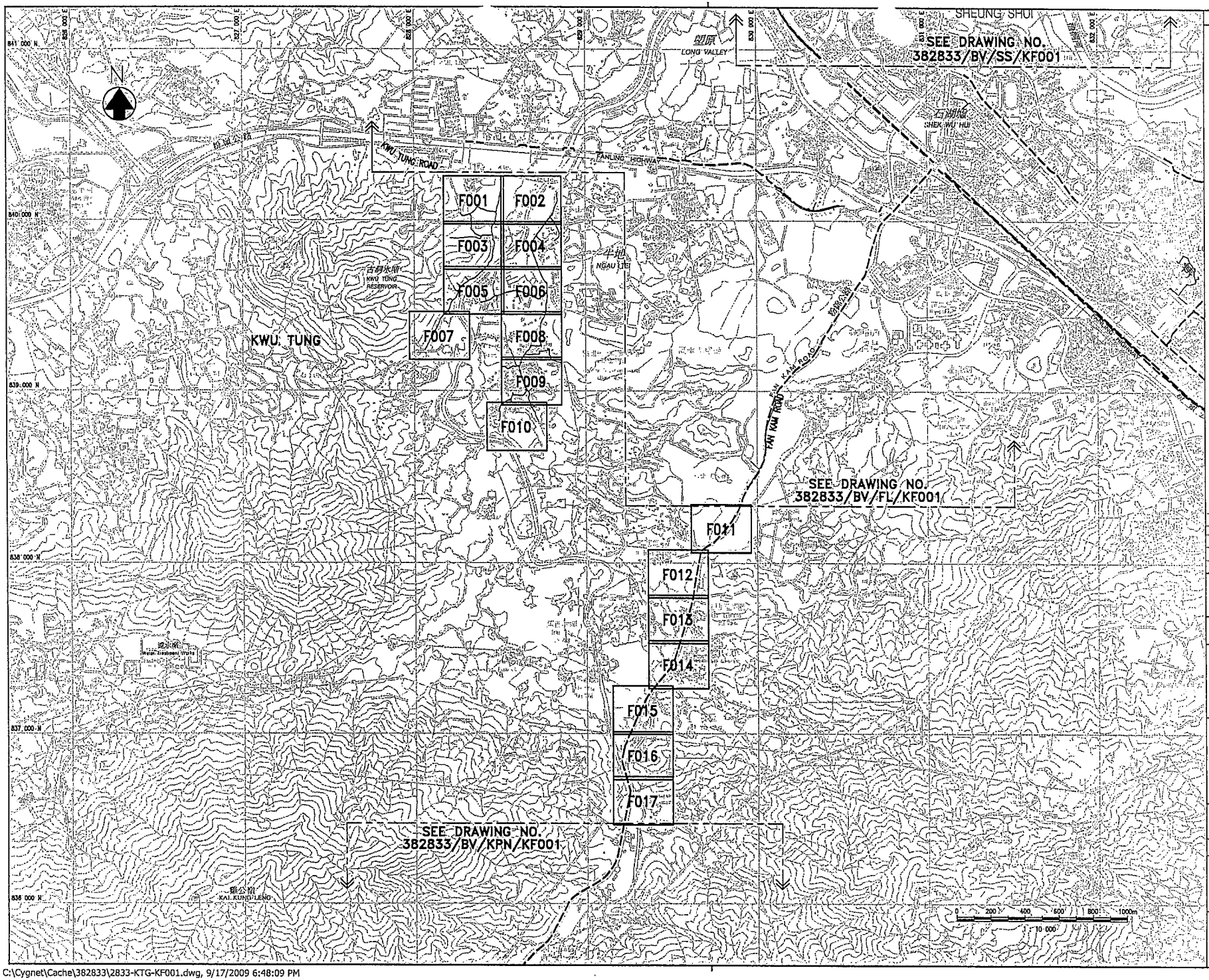
Revision 1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
博威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-KT-KF001.dwg, 9/17/2009 2:31:21 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/KTG/FD01 TO FD17.

LEGEND:

FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
	Designed	Checked	Drawn		Checked
Initial	HLC	TL	HW		WLS
Date	10/08	10/08	10/08		10/08

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS IN KWU TUNG KEY PLAN

Drawing No.
382833/BV/KTG/KF001

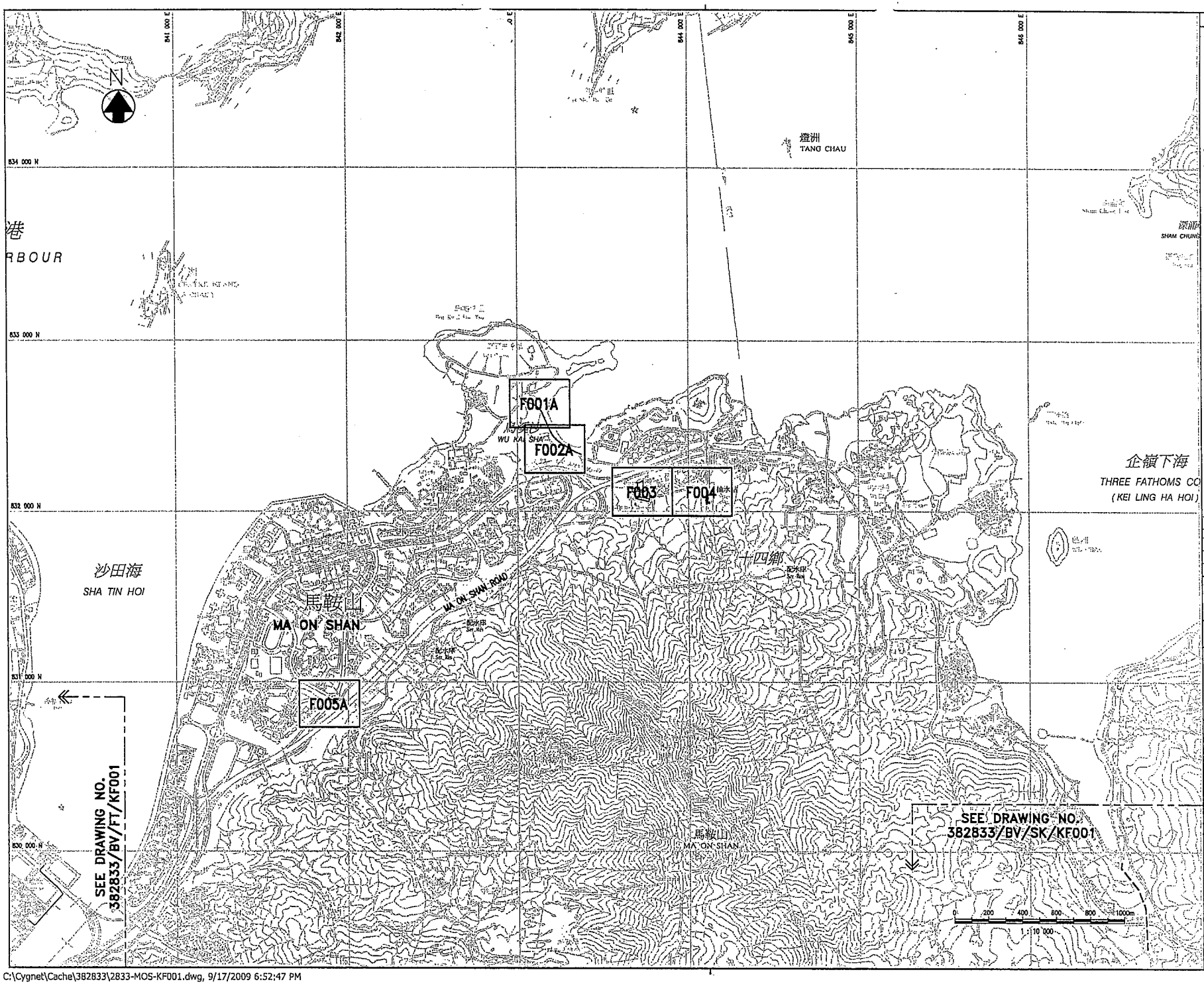
Revision
1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
柏威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-KTG-KF001.dwg, 9/17/2009 6:48:09 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/MOS/F001A TO F005A.

LEGEND:

FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

F001A REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
	Designed	Checked	Drawn	Checked	
Initial	HLC	TL	HW	WLS	
Date	10/08	10/08	10/08	10/08	

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS IN MA ON SHAN KEY PLAN

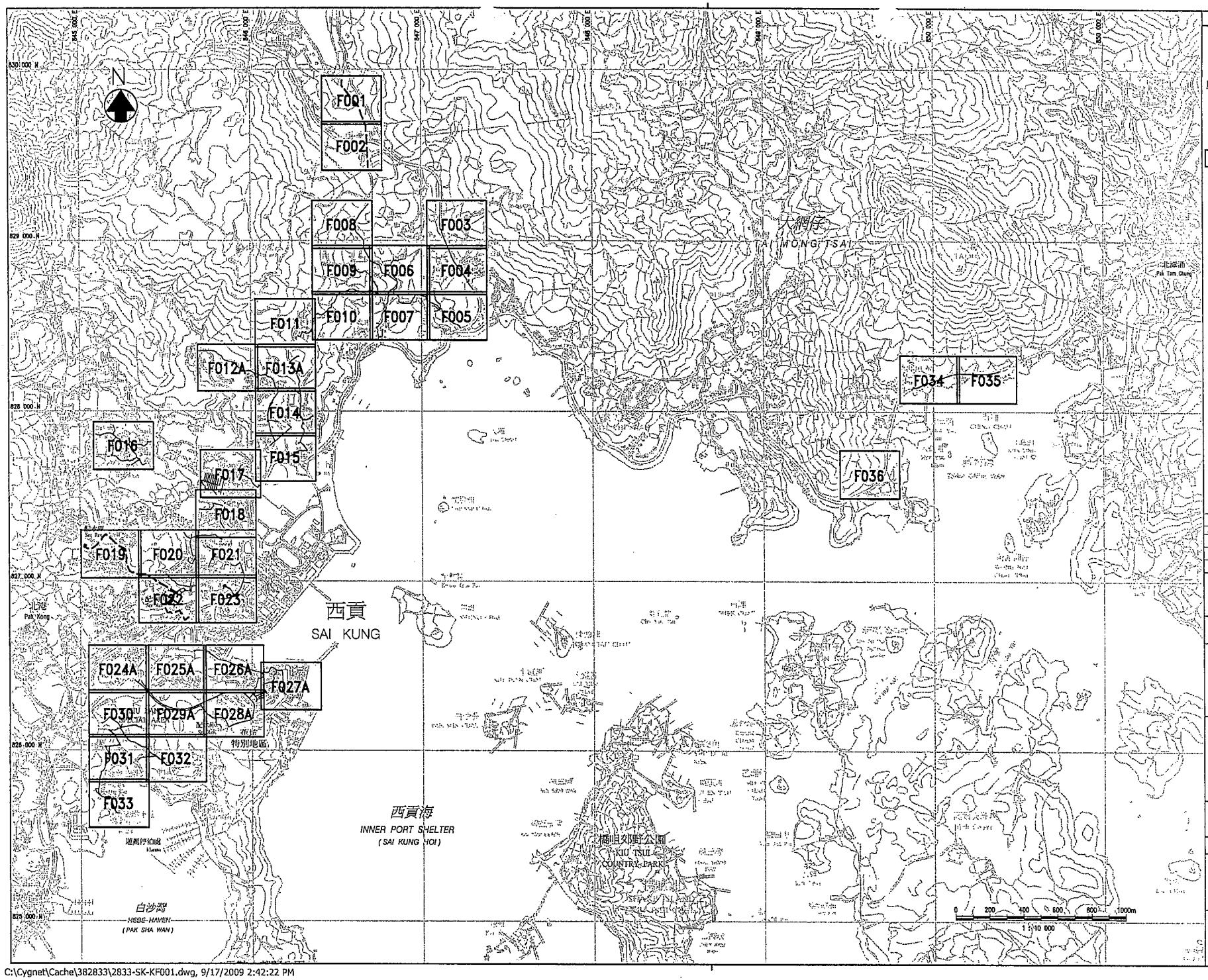
Drawing No. 382833/BV/MOS/KF001
Revision 1

Scale A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
博威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-MOS-KF001.dwg, 9/17/2009 6:52:47 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/SK/F001 TO F036.

LEGEND:

FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

A REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
	Designed	Checked	Drawn		Checked
Initial	HLC	TL	HM		WLS
Date	10/08	10/08	10/08		10/08

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS IN SAI KUNG EAST KEY PLAN

Drawing No.
382833/BV/SK/KF001

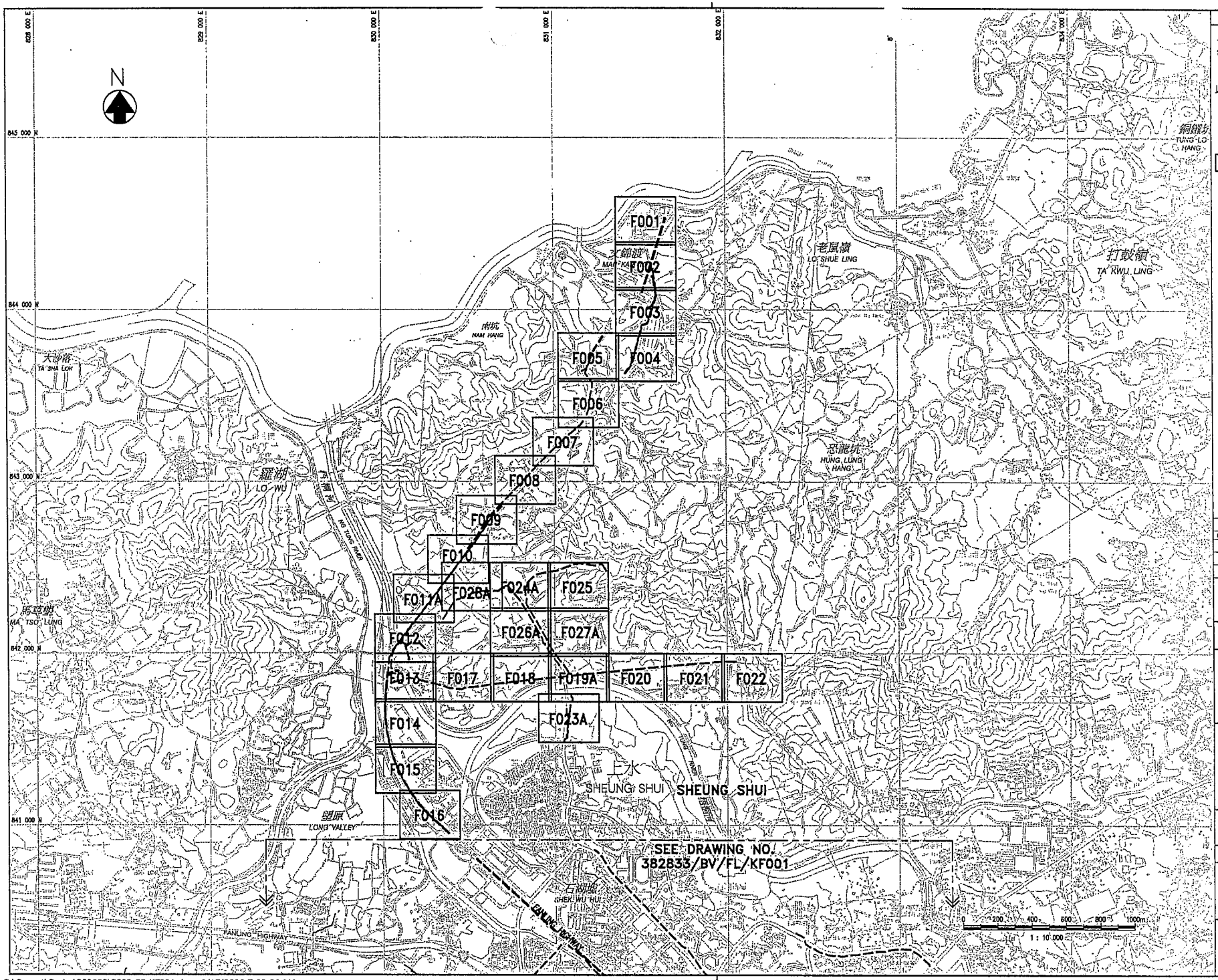
Revision
1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
柏威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-SK-KF001.dwg, 9/17/2009 2:42:22 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/SS/F001 TO F028A.

LEGEND:

FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

F003A REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
	Designed	Checked	Drawn	Checked	
Initial	HLC	TL	HW	WLS	
Date	10/08	10/08	10/08	10/08	

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS IN SHEUNG SHUI KEY PLAN

Drawing No.
382833/BV/SS/KF001

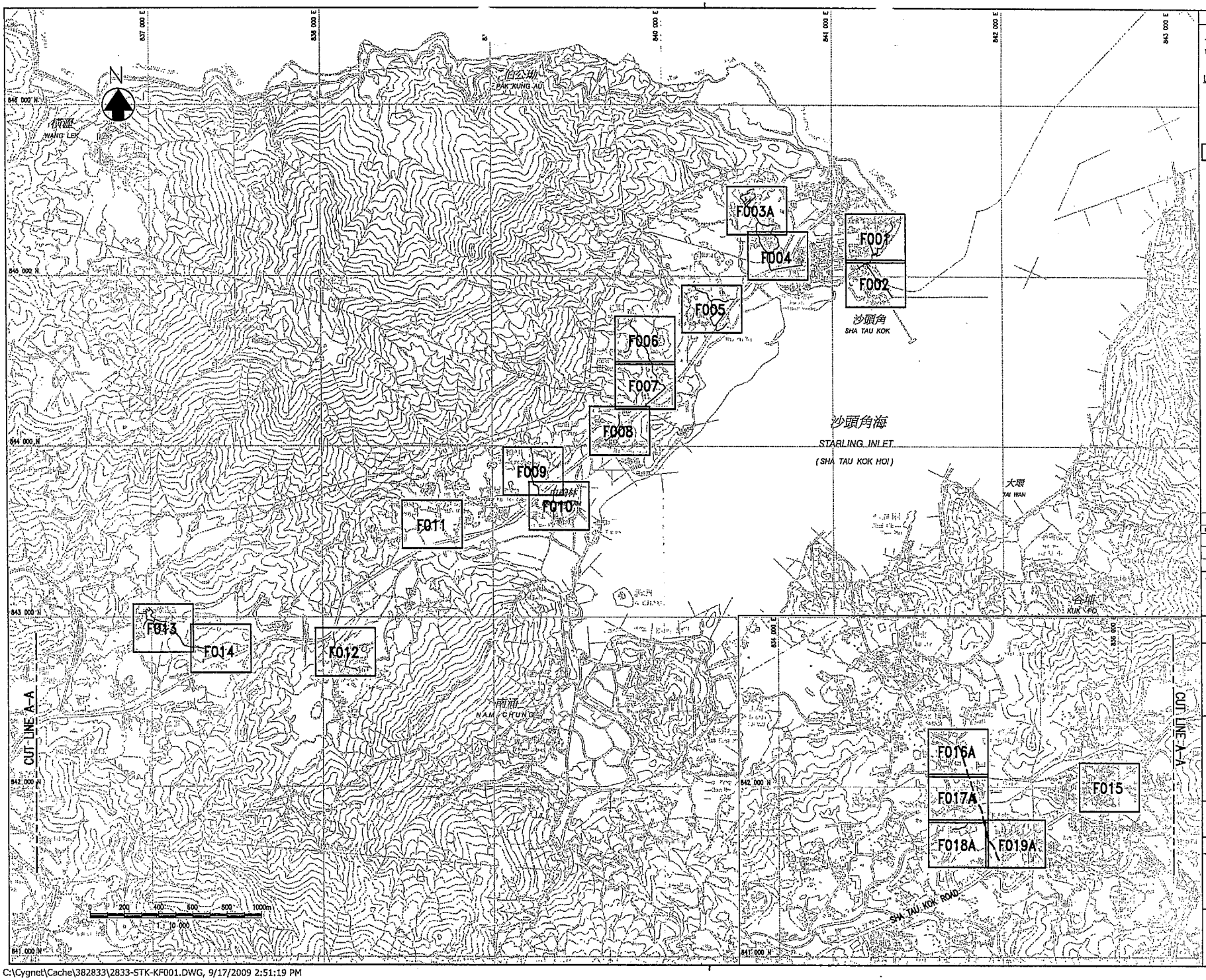
Revision
1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
博威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-SS-KF001.dwg, 9/17/2009 7:03:39 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/STK/F001 TO F019A.

LEGEND:

FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

A REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL

	Designed	Checked	Drawn	Checked
Initial	HLC	TL	HW	WLS
Date	10/08	10/08	10/08	10/08

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS IN SHA TAU KOK KEY PLAN

Drawing No.
382833/BV/STK/KF001

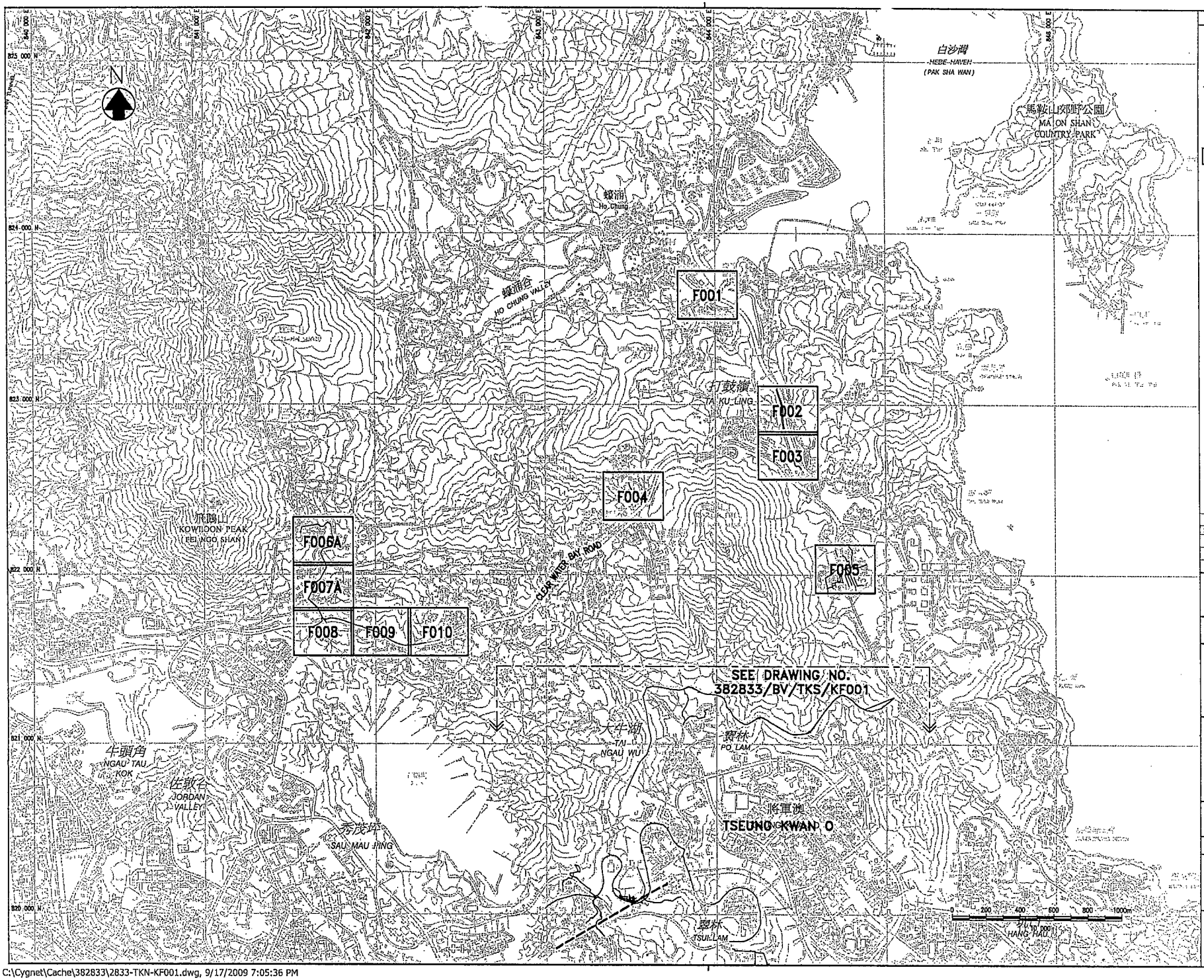
Revision
1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
柏威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-STK-KF001.DWG, 9/17/2009 2:51:19 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/TKN/F001 TO F010.

LEGEND:

FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

F001A REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
	Designed	Checked	Drawn	Checked	
Initial	HLC	TL	HM	WLS	
Date	10/08	10/08	10/08	10/08	

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS IN TSEUNG KWAN O NORTH KEY PLAN

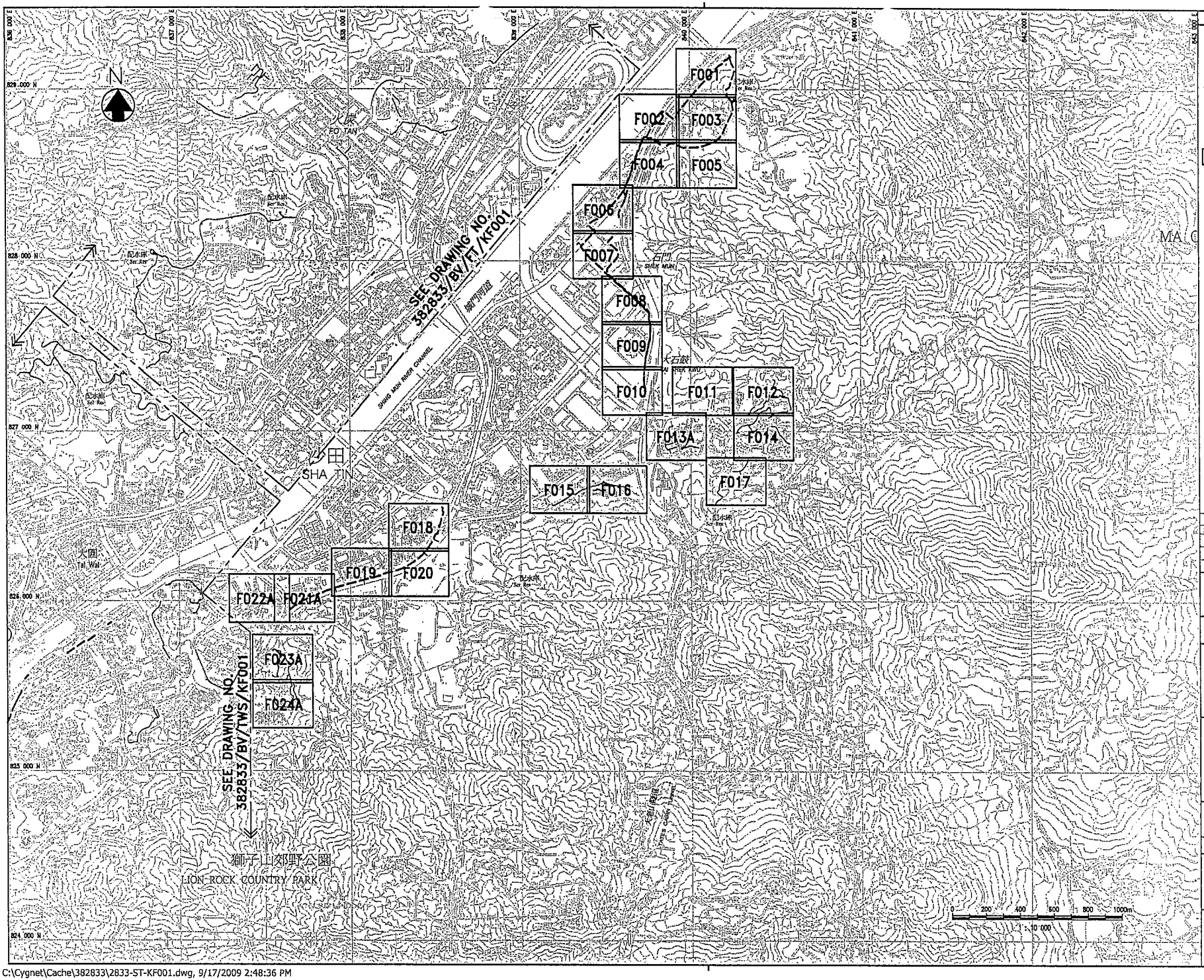
Drawing No. 382833/BV/TKN/KF001
Revision 1

Scale A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
柏萬工程顧問有限公司

C:\Cygnet\Cache\382833\2833-TKN-KF001.dwg, 9/17/2009 7:05:36 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/ST/FD01 TO FD24A.

LEGEND:

FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

F001A REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
	Designed	Checked	Drawn	Checked	
Initial	HLC	TL	HM	WLS	
Date	10/08	10/08	10/08	10/08	

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS IN SHA TIN KEY PLAN

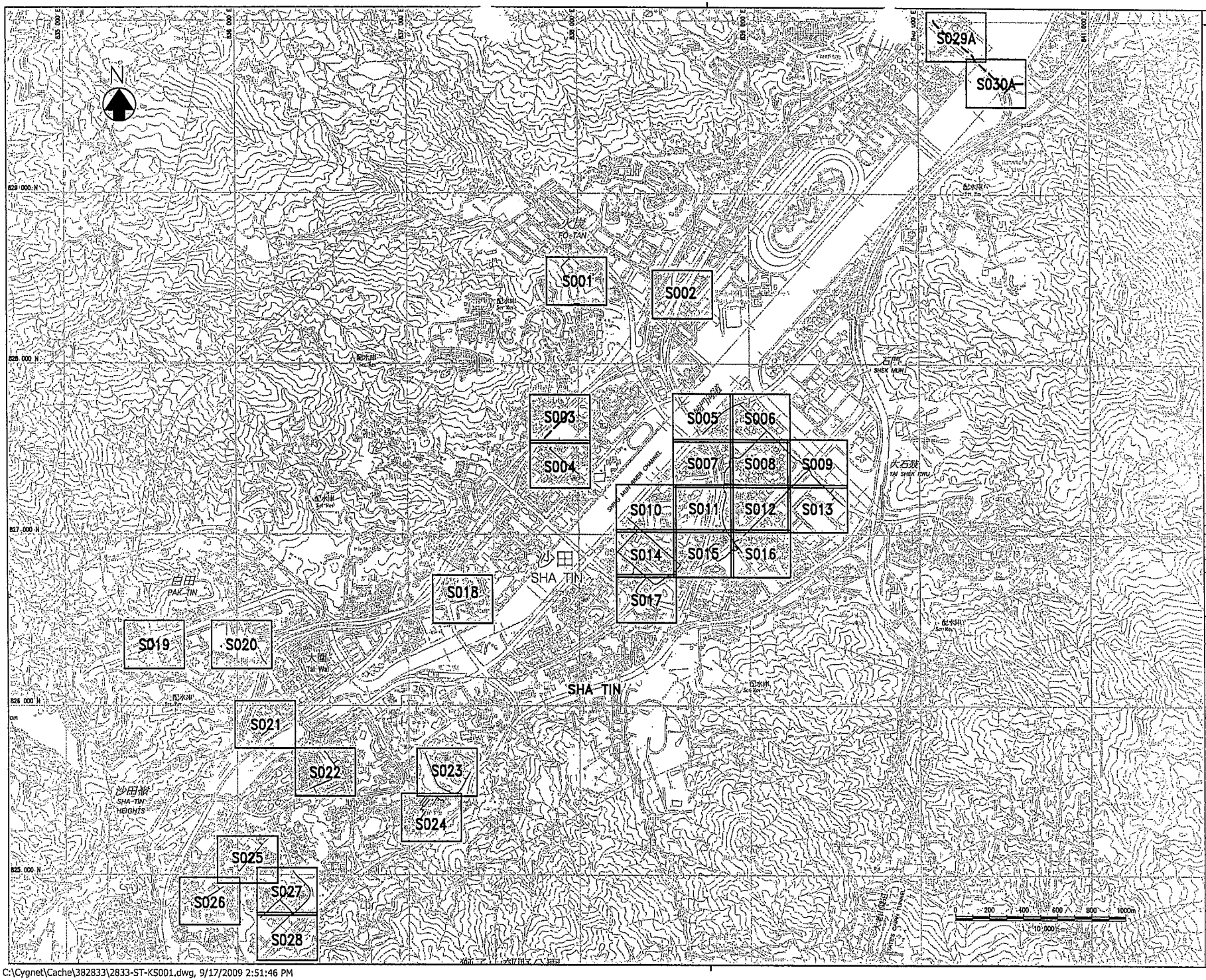
Drawing No. 382833/BV/ST/KF001
Revision 1

Scale A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
柏威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-ST-KF001.dwg, 9/17/2009 2:48:36 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/ST/S001 TO S030A.

LEGEND:

SALT WATER MAINS (DN<800) TO BE REPLACED OR REHABILITATED

SALT WATER MAINS (DN>=800) REQUIRING CONDITION ASSESSMENT

A REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
	Designed	Checked	Drawn	Checked	
Initial	HLC	TL	HW	WLS	
Date	10/08	10/08	10/08	10/08	
Approved					

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
SALT WATER MAINS IN SHA TIN KEY PLAN

Drawing No.
382833/BV/ST/KS001

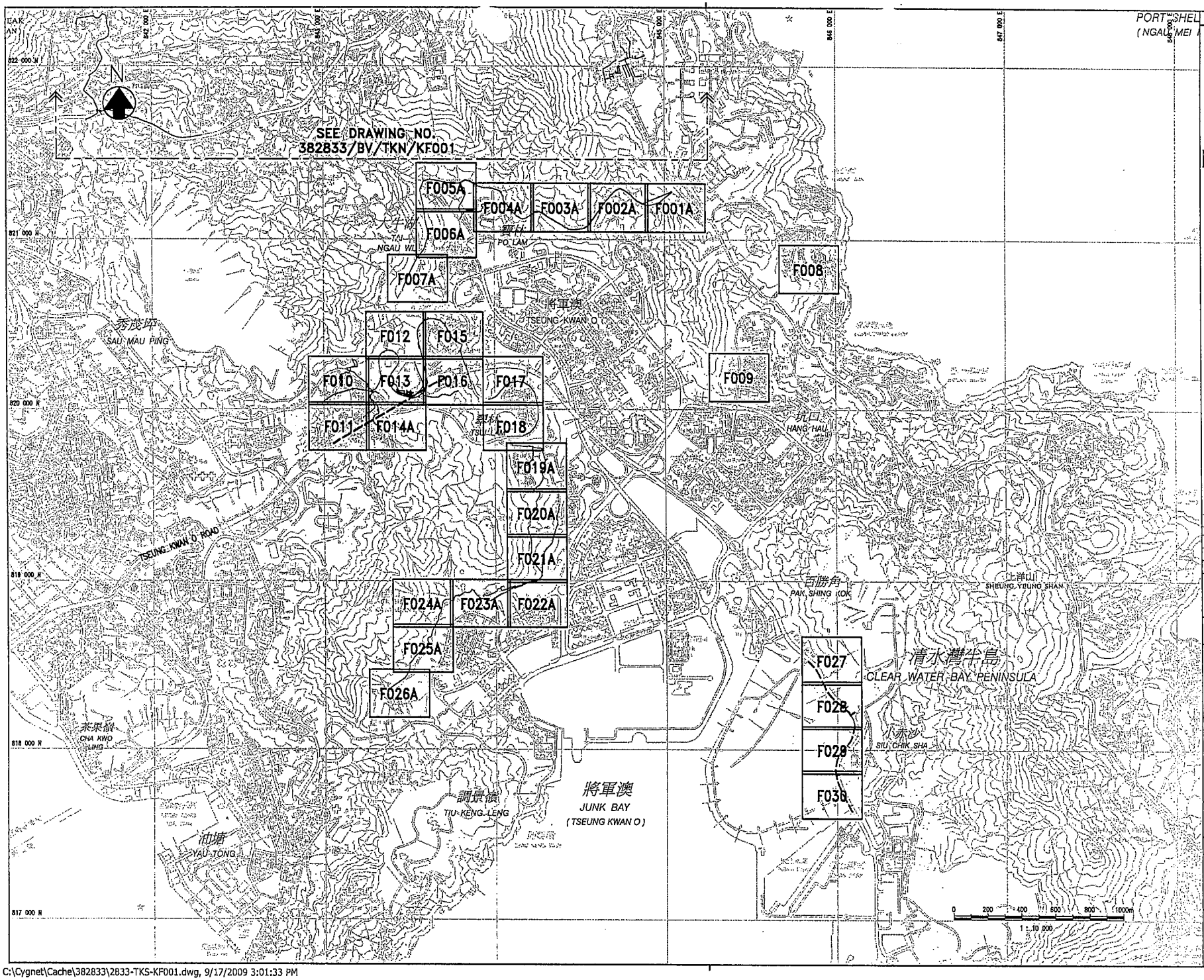
Revision
1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
博威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-ST-KS001.dwg, 9/17/2009 2:51:46 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/TKS/F001A TO F030.

LEGEND:

FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

A REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description		Initial
1	09/09	SCOPE REVISED		TL

	Designed	Checked	Drawn	Checked
Initial	HLC	TL	HW	WLS
Date	10/08	10/08	10/08	10/08

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS IN TSEUNG KWAN O SOUTH KEY PLAN

Drawing No.
382833/BV/TKS/KF001

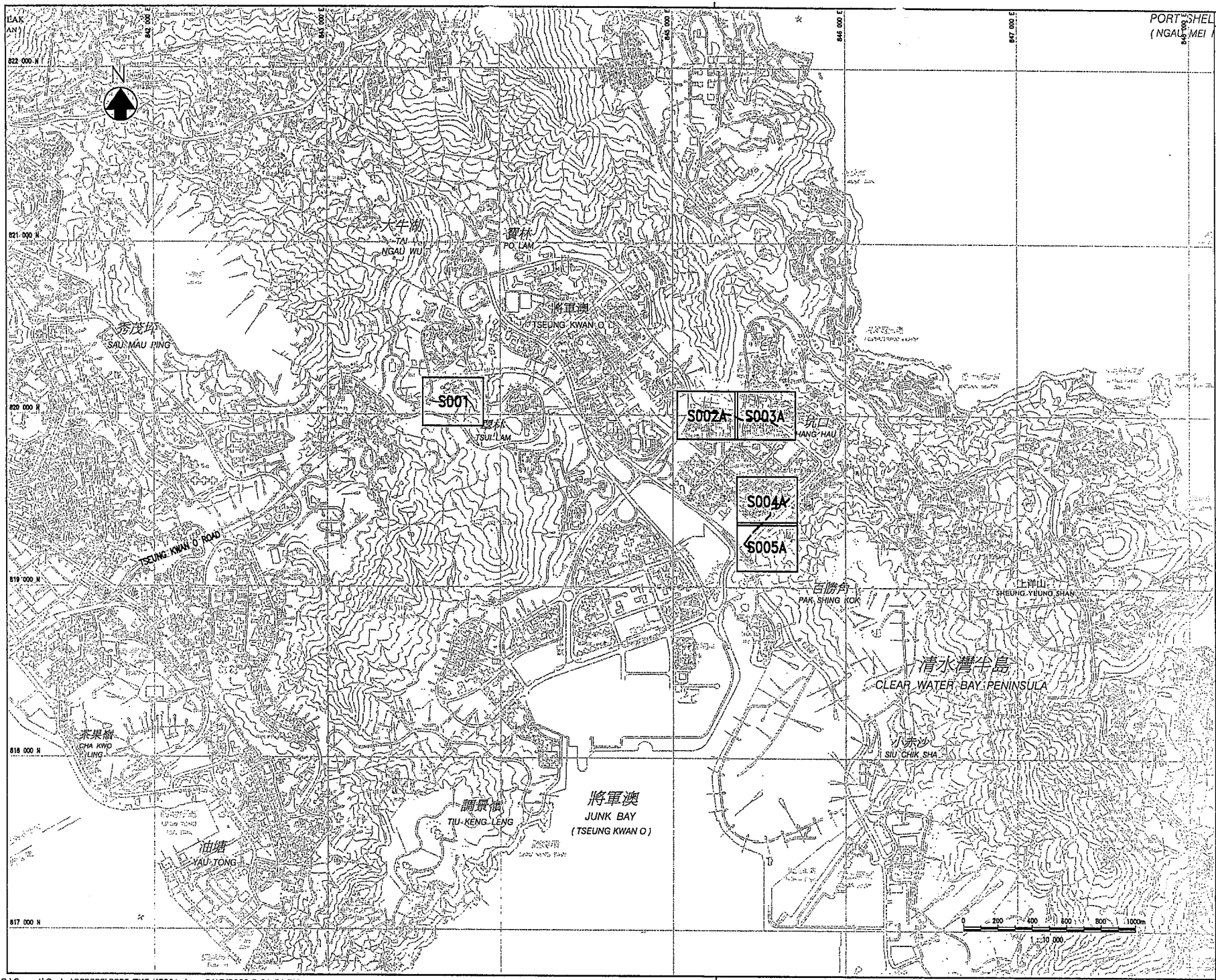
Revision
1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
博威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-TKS-KF001.dwg, 9/17/2009 3:01:33 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/TKS/S001 TO S005A.

LEGEND:

SALT WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

SALT WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

S001A REVISED DRAWING WITH ADDITION OR EXCLUSION OF WATER MAINS

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
	Designed	Checked	Drawn	Checked	
Initial	HLC	TL	HW	WLS	
Date	10/08	10/08	10/08	10/08	

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
SALT WATER MAINS IN TSEUNG KWAN O SOUTH KEY PLAN

Drawing No.
382833/BV/TKS/KS001

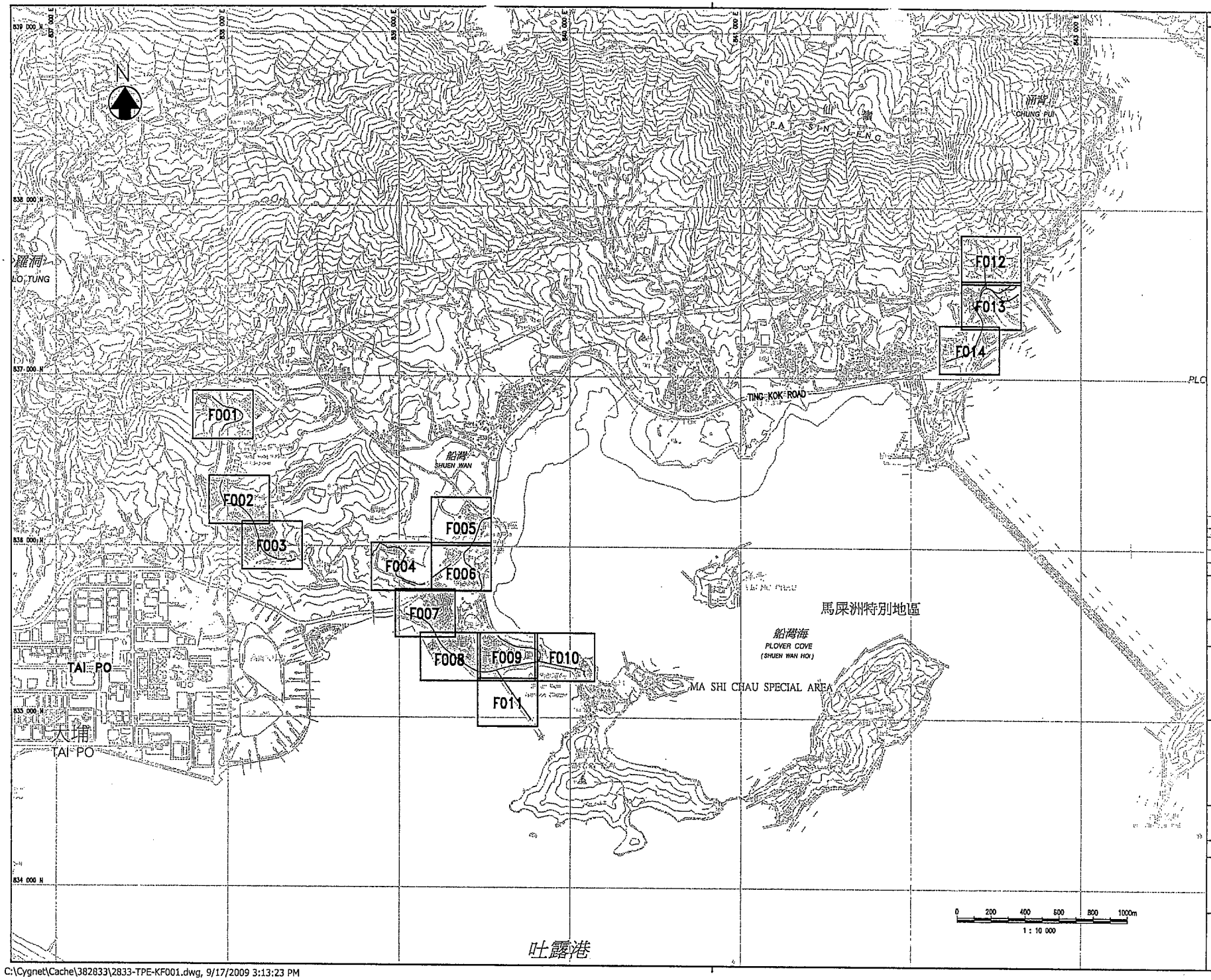
Revision
1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
博威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-TKS-KS001.dwg, 9/17/2009 3:01:54 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/TPE/F001 TO F014.

LEGEND:

FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
	Designed	Checked	Drawn		Checked
Initial	HLC	TL	HW		WLS
Date	10/08	10/08	10/08		10/08

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS IN TAI PO EAST KEY PLAN

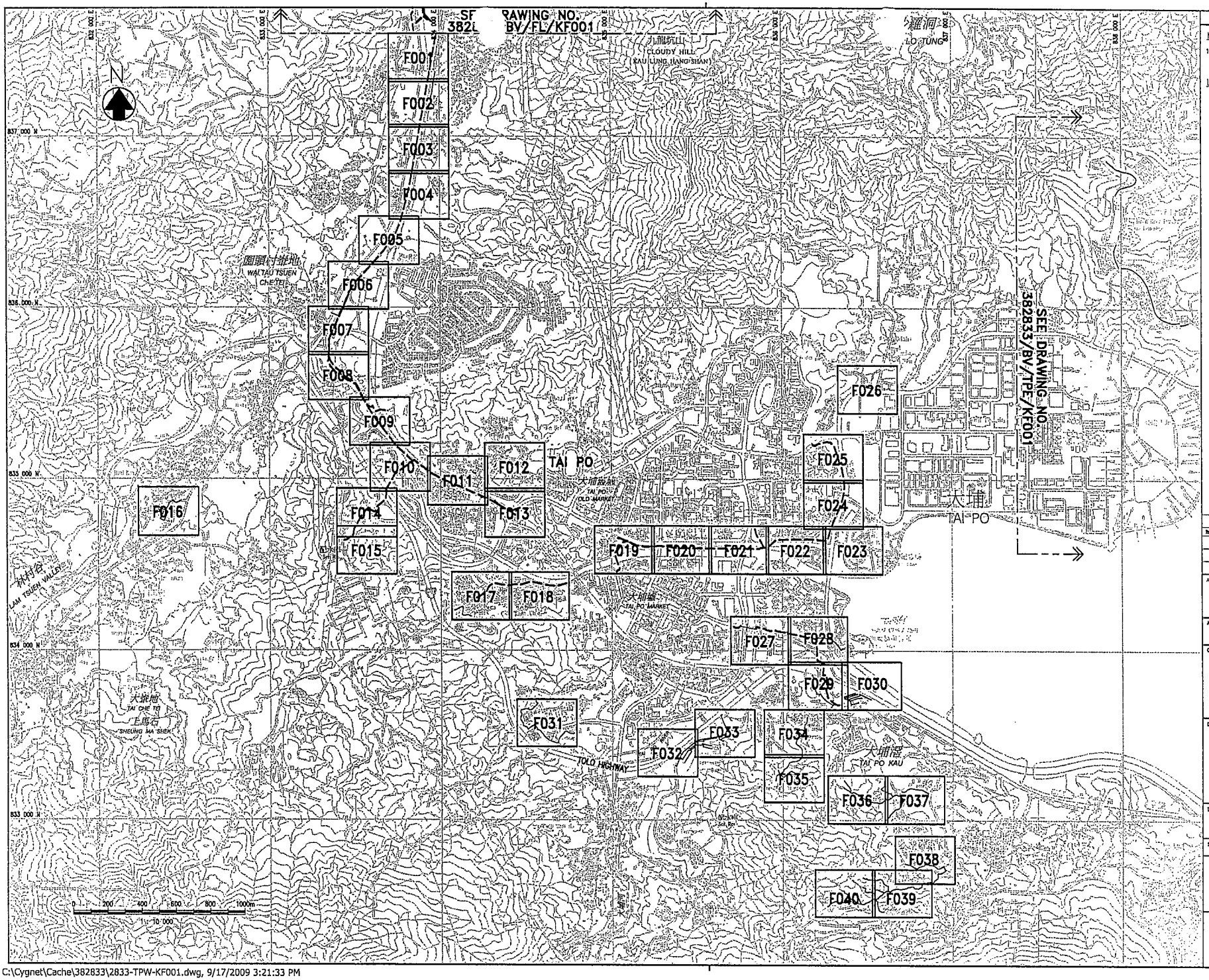
Drawing No. 382833/BV/TPE/KF001
Revision 1

Scale A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
博威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-TPE-KF001.dwg, 9/17/2009 3:13:23 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/TPW/FD01 TO FD40.

LEGEND:

FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
	Designed	Checked	Drawn		Checked
Initial	JILC	TL	HW		WLS
Date	10/08	10/08	10/08		10/08

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS IN TAI PO WEST KEY PLAN

Drawing No.
382833/BV/TPW/KF001

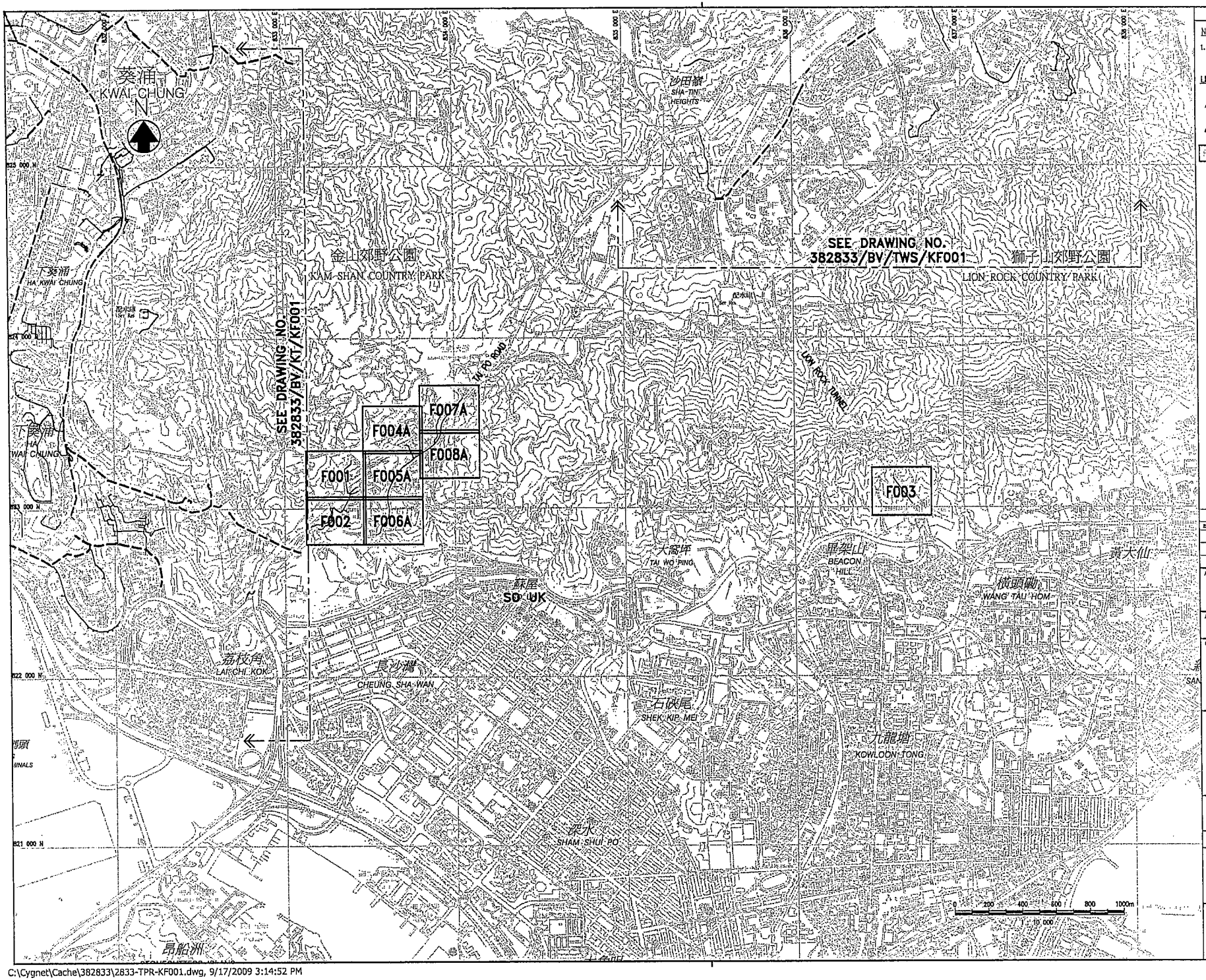
Revision
1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
博威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-TPW-KF001.dwg, 9/17/2009 3:21:33 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/TPR/F001 TO F008A.

LEGEND:

FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (DN≥600) REQUIRING CONDITION ASSESSMENT

A — REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL

	Designed	Checked	Drawn	Checked
Initial	JLC	TL	HW	WLS
Date	10/08	10/08	10/08	10/08

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS IN TAI PO ROAD & LION ROCK TUNNEL KEY PLAN

Drawing No.
382833/BV/TPR/KF001

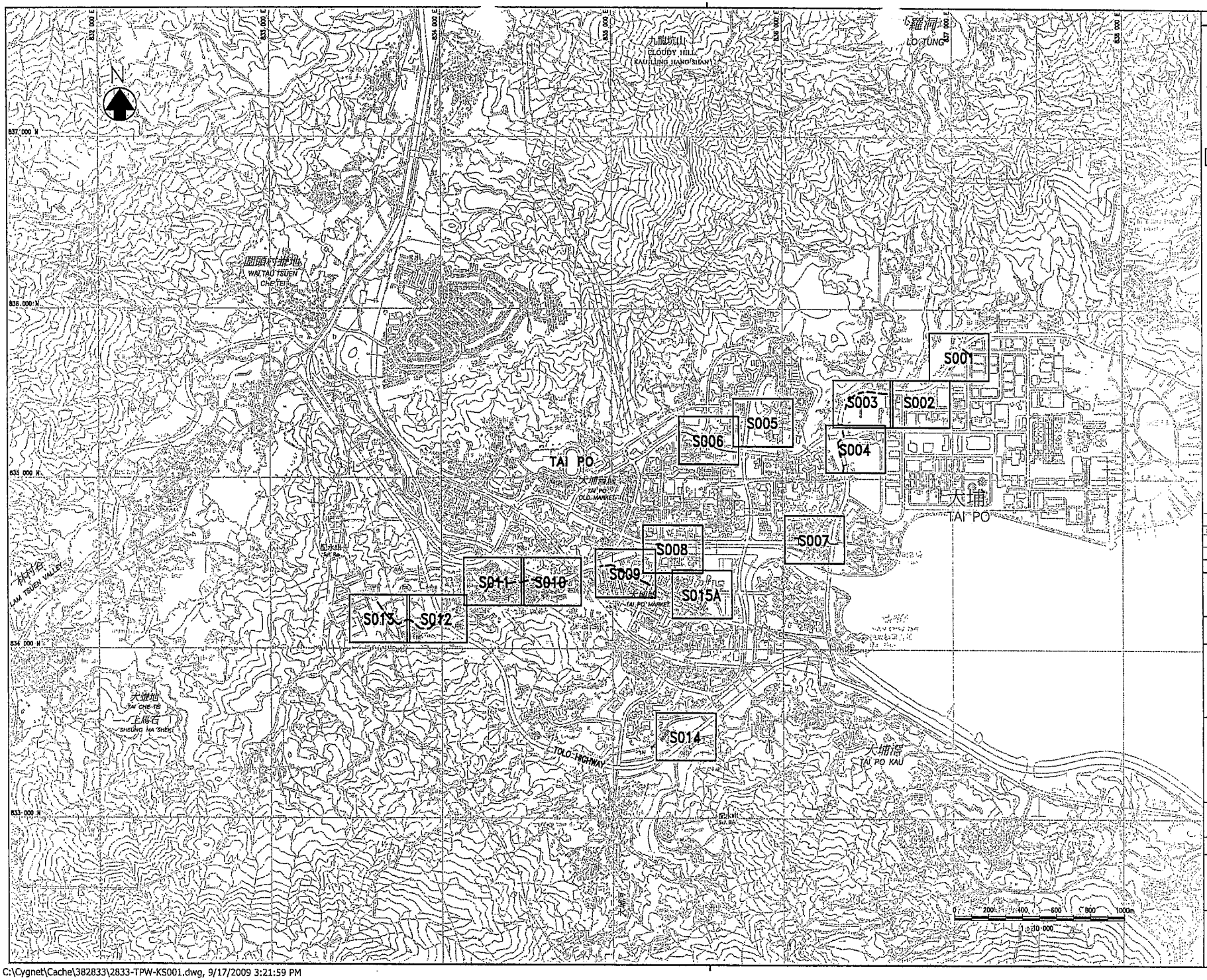
Revision
1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
博威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-TPR-KF001.dwg, 9/17/2009 3:14:52 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/TPW/S001 TO S015A.

LEGEND:

SALT WATER MAINS (DN<800) TO BE REPLACED OR REHABILITATED

SALT WATER MAINS (DN>=800) REQUIRING CONDITION ASSESSMENT

REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
	Designed	Checked	Drawn	Checked	
Initial	HLC	TL	HW	WLS	
Date	10/08	10/08	10/08	10/08	

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
SALT WATER MAINS IN TAI PO WEST KEY PLAN

Drawing No.
382833/BV/TPW/KS001

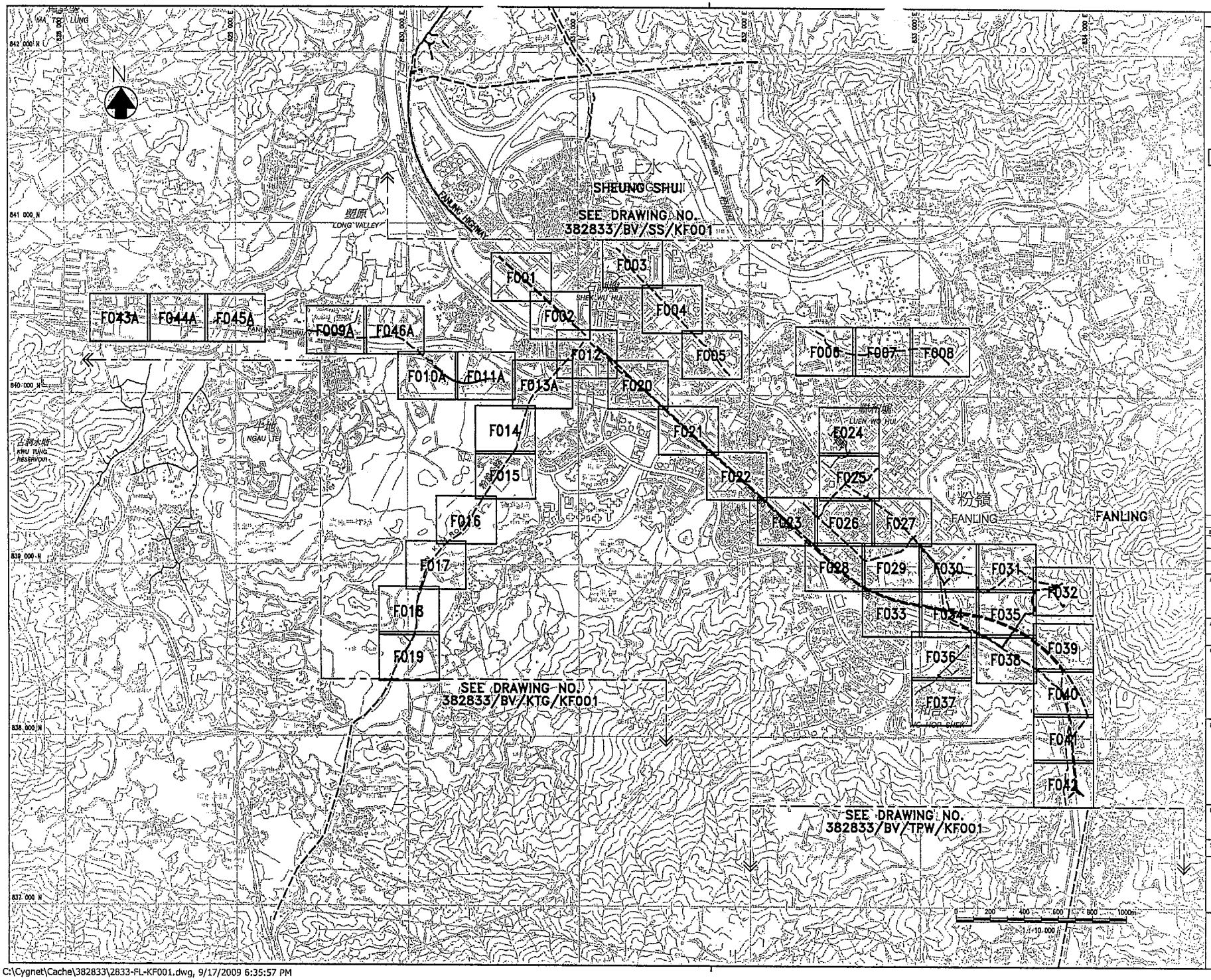
Revision
1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
柏誠工程顧問有限公司

C:\Cygnet\Cache\382833\2833-TPW-KS001.dwg, 9/17/2009 3:21:59 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/FL/FD01 TO FD46A.

LEGEND:

FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

FD00A REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL

	Designed	Checked	Drawn	Checked
Initial	HLC	TL	HM	WLS
Date	10/08	10/08	10/08	10/08

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS IN FANLING KEY PLAN

Drawing No.
382833/BV/FL/KF001

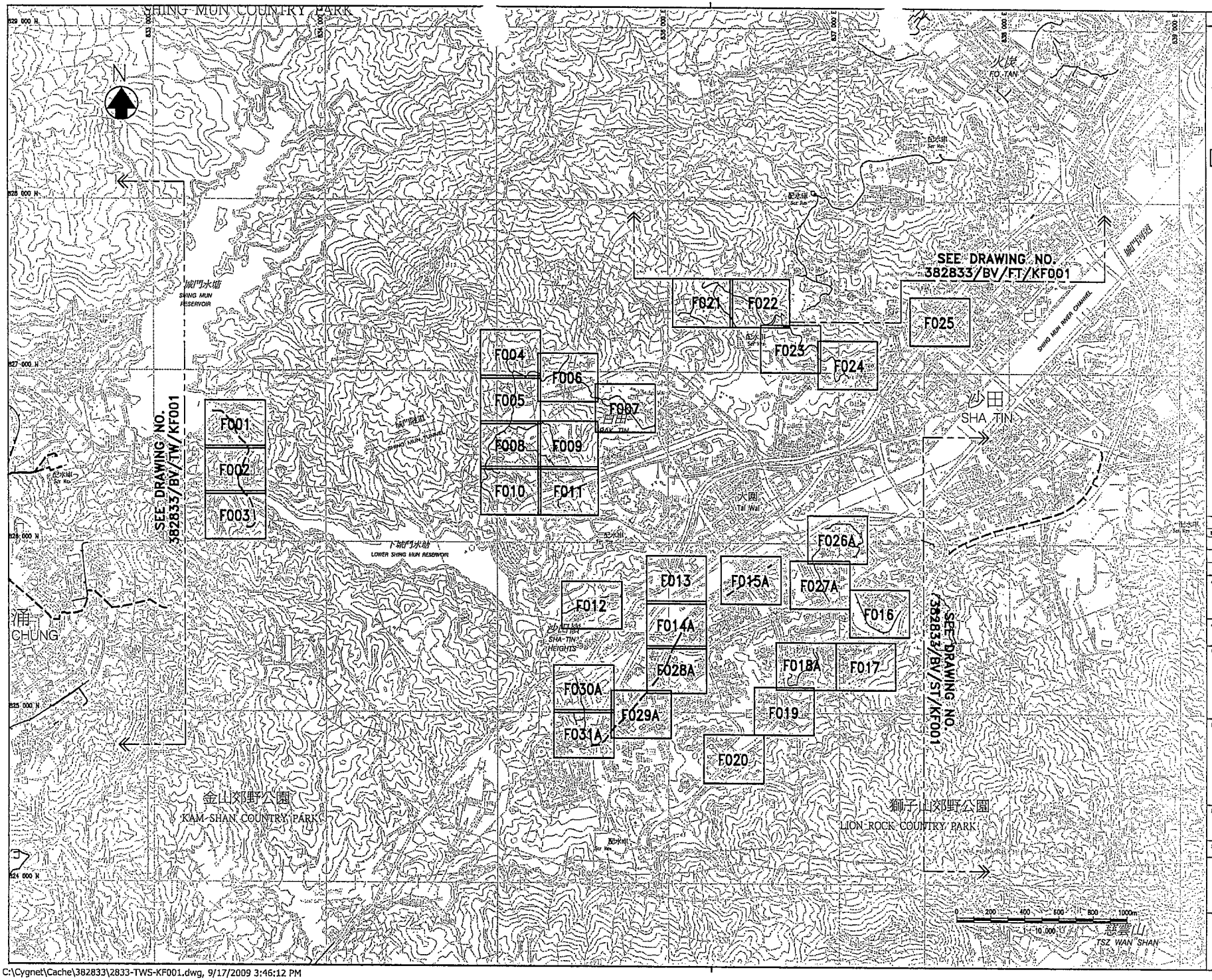
Revision
1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
美國工程顧問有限公司

C:\Cygnet\Cache\382833\2833-FL-KF001.dwg, 9/17/2009 6:35:57 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/TWS/FD01 TO F031A.

LEGEND:

FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

A REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description			Initial
1	09/09	SCOPE REVISED			TL
		Designed	Checked	Drawn	Checked
Initial		HLC	TL	HM	WLS
Date		10/08	10/08	10/08	10/08

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS IN TAI WAI & SHING MUN RESERVOIR KEY PLAN

Drawing No.
382833/BV/TWS/KF001

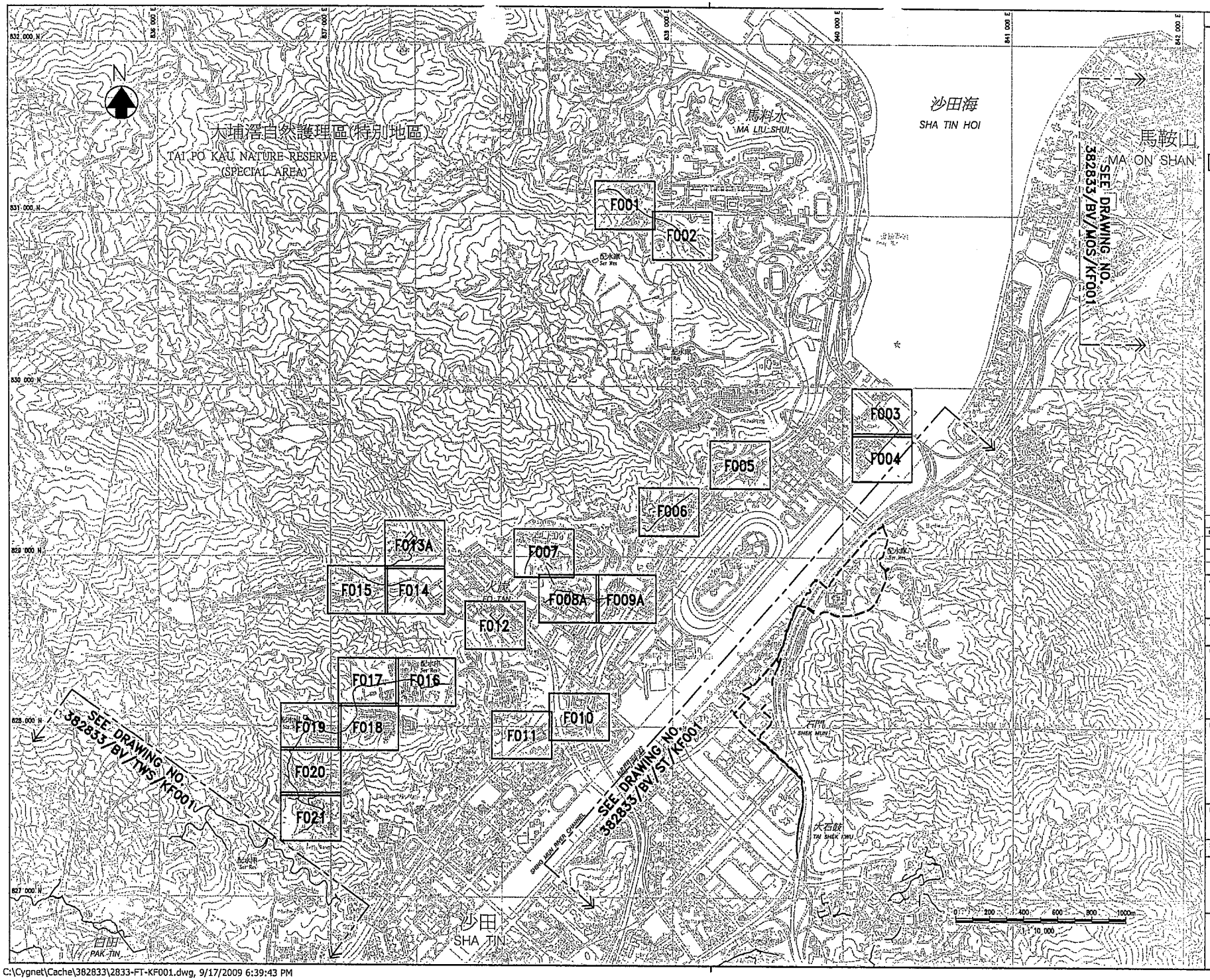
Revision
1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
柏威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-TWS-KF001.dwg, 9/17/2009 3:46:12 PM



© Copyright by Black & Veatch Hong Kong Limited

NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/FT/F001 TO F021.

LEGEND:

FRESH WATER MAINS (DN<600) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (DN>=600) REQUIRING CONDITION ASSESSMENT

REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

Revision	Date	Description			Initial
1	09/08	SCOPE REVISED			TL
	Designed	Checked	Drawn	Checked	
Initial	HLC	TL	HW	WLS	
Date	10/08	10/08	10/08	10/08	

Approved

Agreement No.
CE 10/2008 (WS)

Contract Title
REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES – INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS IN FO TAN & MA LIU SHUI KEY PLAN

Drawing No.
382833/BV/FT/KF001

Revision
1

Scale
A1 1 : 10000
A3 1 : 20000

水務署
Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
博威工程顧問有限公司

C:\Cygnet\Cache\382833\2833-FT-KF001.dwg, 9/17/2009 6:39:43 PM