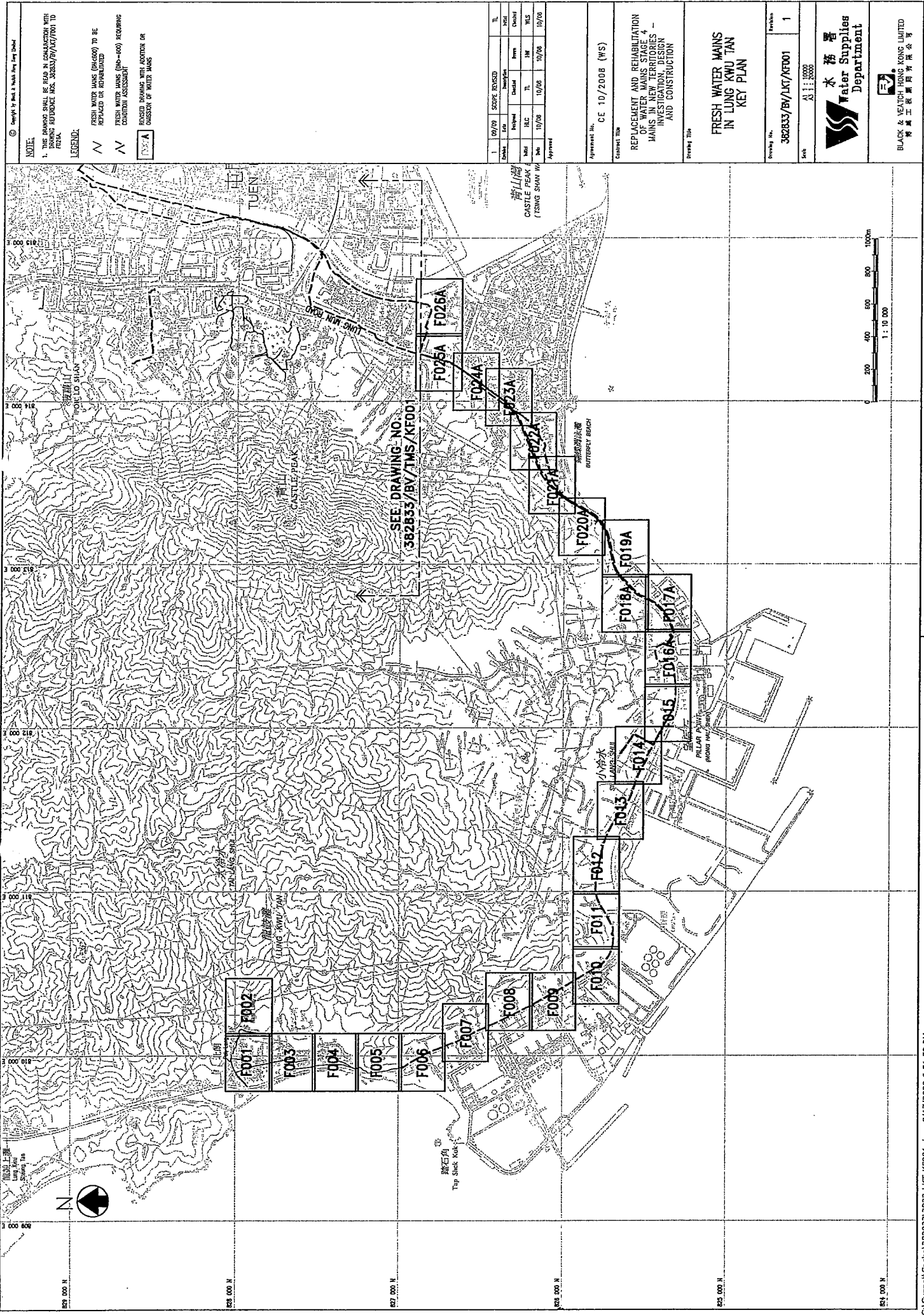


Appendix I

Drawings



NOTE:
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382B33/BV/LK7/KF001 TO F026A.

LEGEND:

- FRESH WATER MAINS (100-400) TO BE REPLACED OR REHABILITATED
- FRESH WATER MAINS (100-400) REQUIRING CONDITION ASSESSMENT
- PROPOSED DRAWINGS WITH ADDITION OR DELETION OF WATER MAINS



SCOPE REVIEW			
Drawn	Checked	Reviewed	TL
10/09	10/09	10/09	10/09
10/09	10/09	10/09	10/09
10/09	10/09	10/09	10/09
10/09	10/09	10/09	10/09

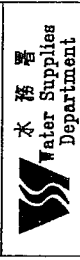
Approved By: CE 10/2008 (WS)

Contract Title: REPLACEMENT AND REHABILITATION OF FRESH WATER MAINS STAGES 4 MAINS IN NEW TERRACES - INVESTIGATION, DESIGN AND CONSTRUCTION

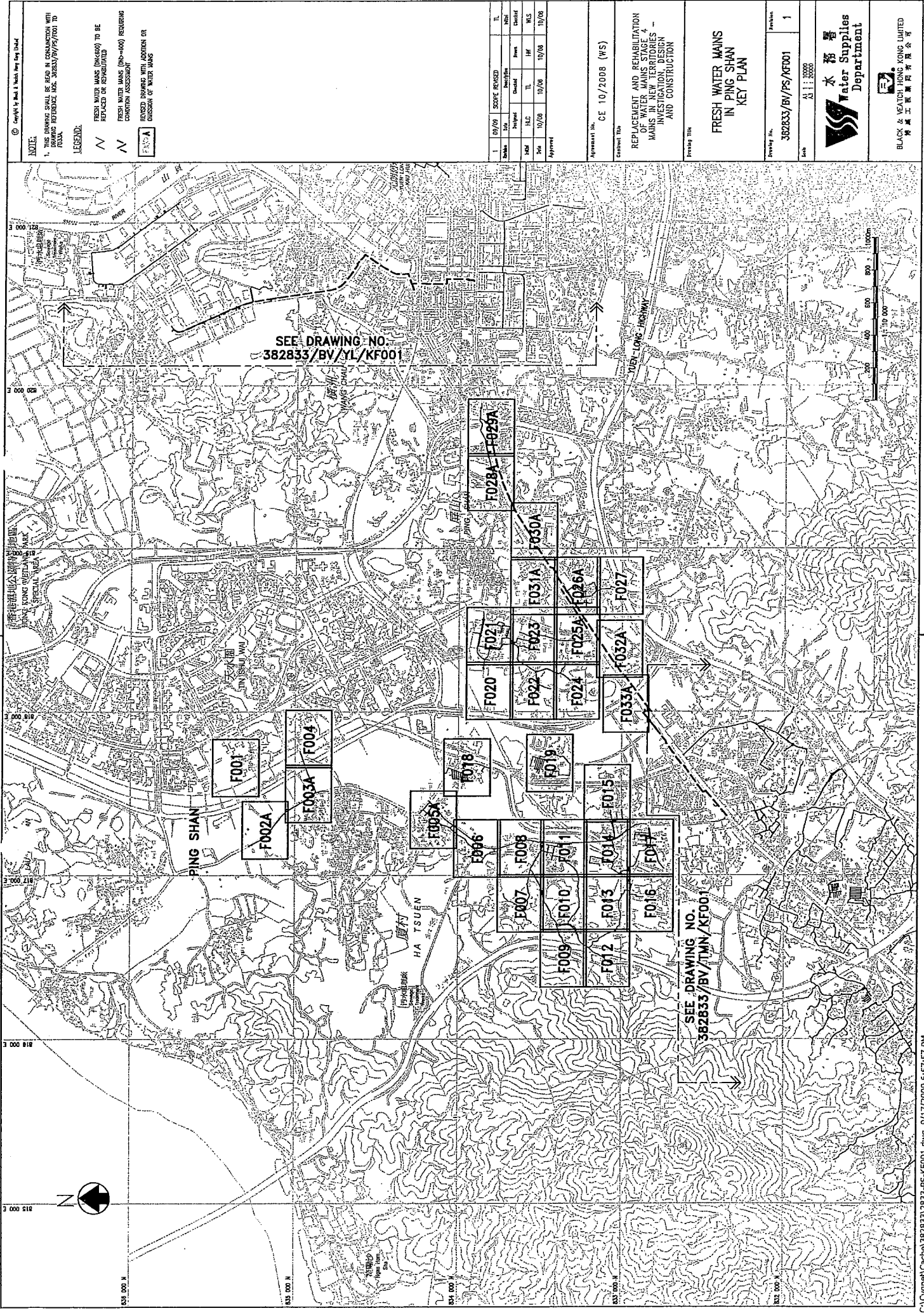
FRESH WATER MAINS IN LUNG KWU TAN KEY PLAN

Drawing No: 382B33/BV/LK7/KF001

Scale: 1:1000



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NOTE:

1. THIS DRAWING SHALL BE USED IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/PS/KF001 TO F004.

LEGEND:

- ✓ FRESH WATER MAINS (DN400) TO BE REPLACED OR REINTEGRATED
- ✓ FRESH WATER MAINS (DN400-600) REQUIRING CANTONMENT RECONSTRUCTION
- REINFORCED DRAINAGE WITH ADDITION OF DRAINAGE OF WATER MAINS

SCALE

I	REV	SCOPE REVISED		TL
		Revised	Revised	
1	01/08	Design	Design	01/08
2	10/08	Design	Design	10/08
3	10/08	Design	Design	10/08
4	10/08	Design	Design	10/08

Agreement No. CE 10/2008 (WS)

REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAIN INVESTIGATION DESIGN AND CONSTRUCTION

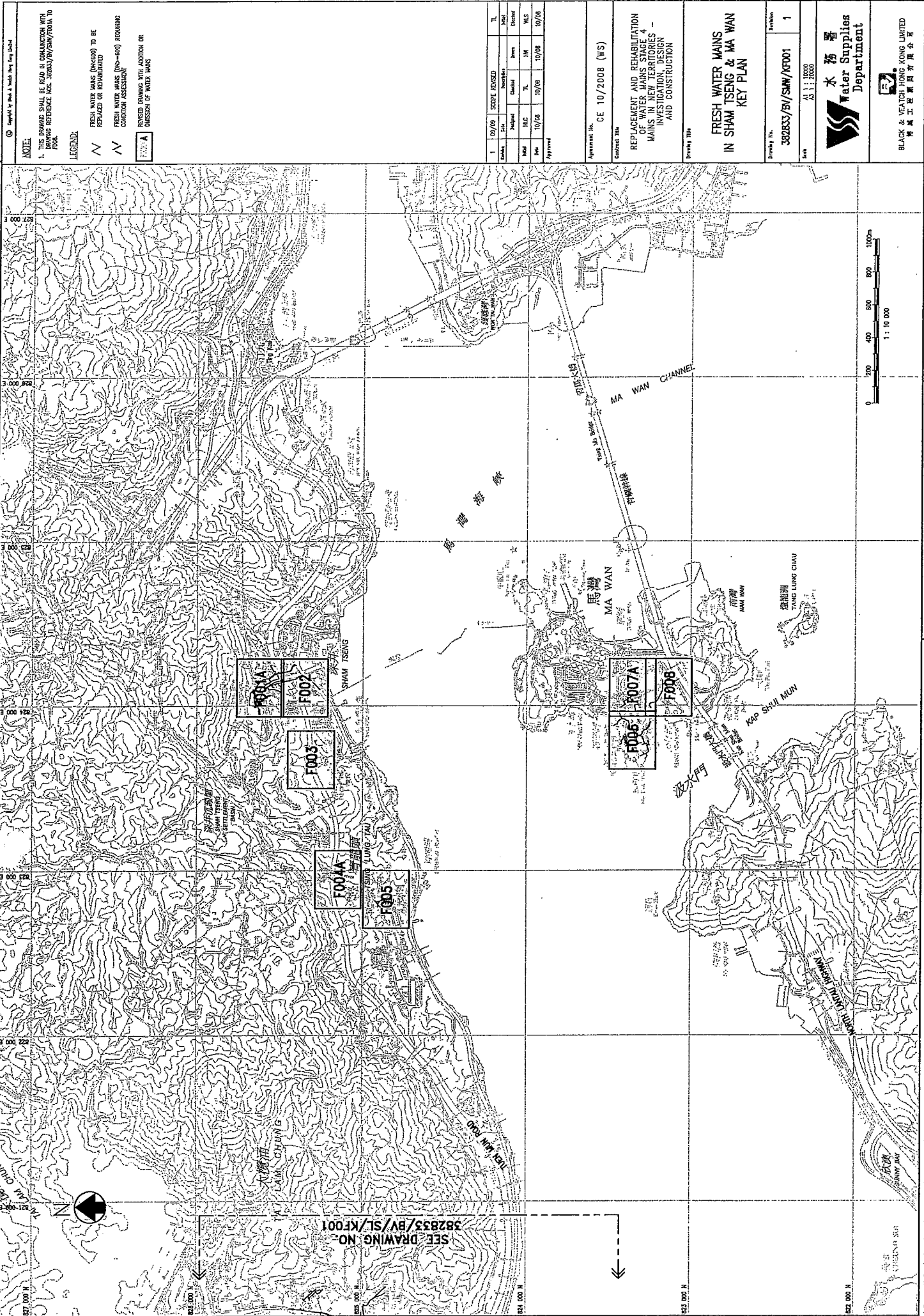
FRESH WATER MAINS IN PING SHAN KEY PLAN

Drawing No. 382833/BV/PS/KF001

Scale 1:1000

Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED



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NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE DRAWING REFERENCE NOS. 382833/BV/SW/KF001 TO F008.

LEGEND:

FRESH WATER MAINS (RHS-100) TO BE REPLACED OR RECONSTRUCTED

FRESH WATER MAINS (RHS-100) REQUIRING CONDITION ASSESSMENT

PROPOSED DRAWINGS WITH LOCATION OR DISCUSSION OF WATER MAINS

1		2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20		21		22		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37		38		39		40		41		42		43		44		45		46		47		48		49		50		51		52		53		54		55		56		57		58		59		60		61		62		63		64		65		66		67		68		69		70		71		72		73		74		75		76		77		78		79		80		81		82		83		84		85		86		87		88		89		90		91		92		93		94		95		96		97		98		99		100	
Rev.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																			

Approved

Approved By: CE 10/2008 (WS)

Checked By:

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/SW/KF001

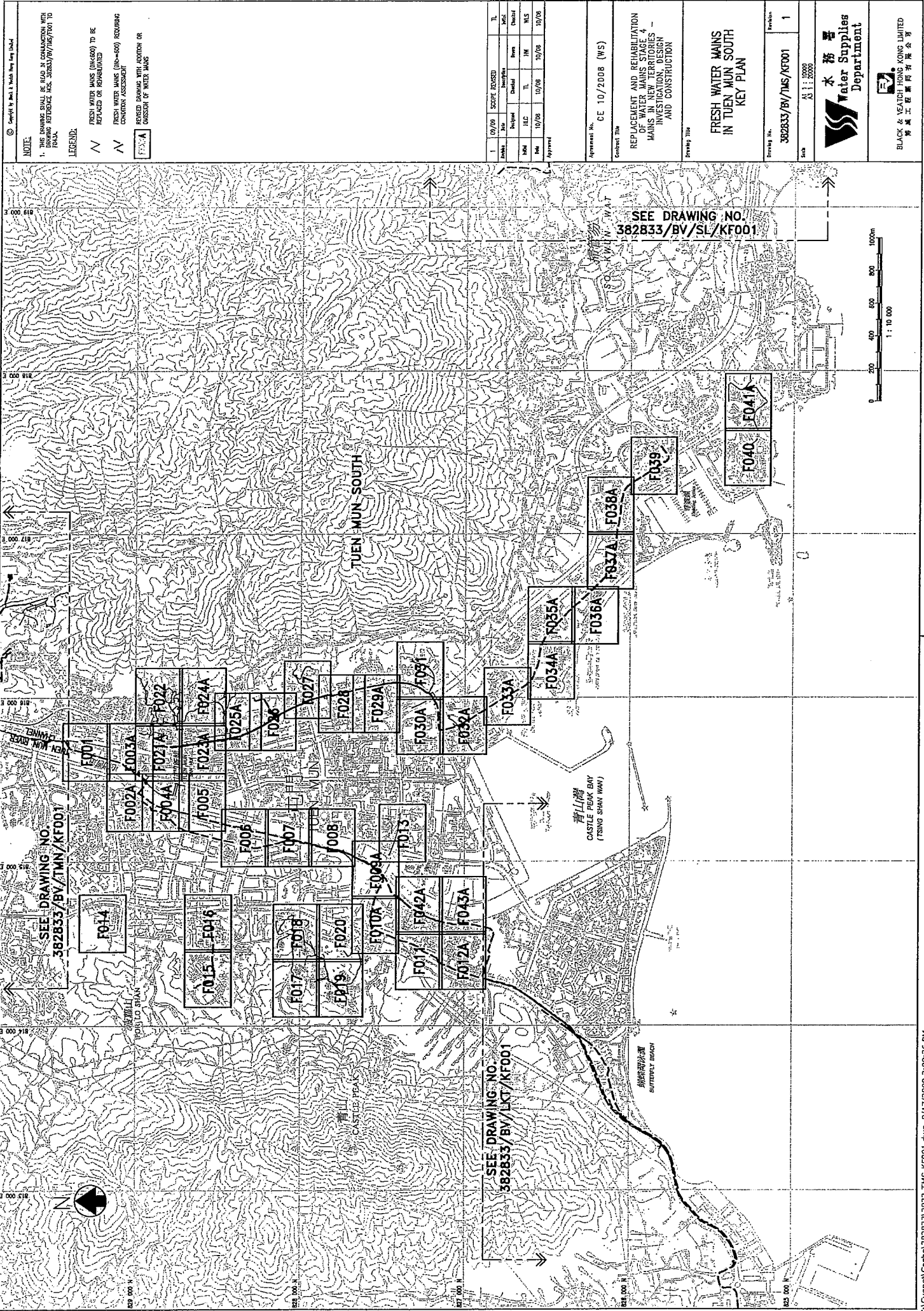
Revision 1

Scale 1:1000

AS 1:1000

BLACK & VEATCH HONG KONG LIMITED

水務署 Water Supplies Department



NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE DRAWING REFERENCE NO. 382B33/BV/TM/KF001 TO TUN MUN SOUTH.

LEGEND:

- ✓ FRESH WATER MAINS (100-200) TO BE REPLACED OR REHABILITATED
- ✓ FRESH WATER MAINS (200-400) REQUIRING CONDITION ASSESSMENT
- ✗ PROPOSED MAINS NEW LAYOUT OR SUSPENSION OF WATER MAINS



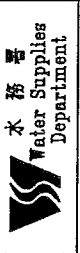
SCOPE COVERED		DATE	
Design	Drawn	10/08	10/08
Check	Checked	10/08	10/08
Revise	Revised	10/08	10/08
Drawn	Drawn	10/08	10/08
Checked	Checked	10/08	10/08
Revised	Revised	10/08	10/08
Drawn	Drawn	10/08	10/08

Approved No. CE 10/2008 (WS)

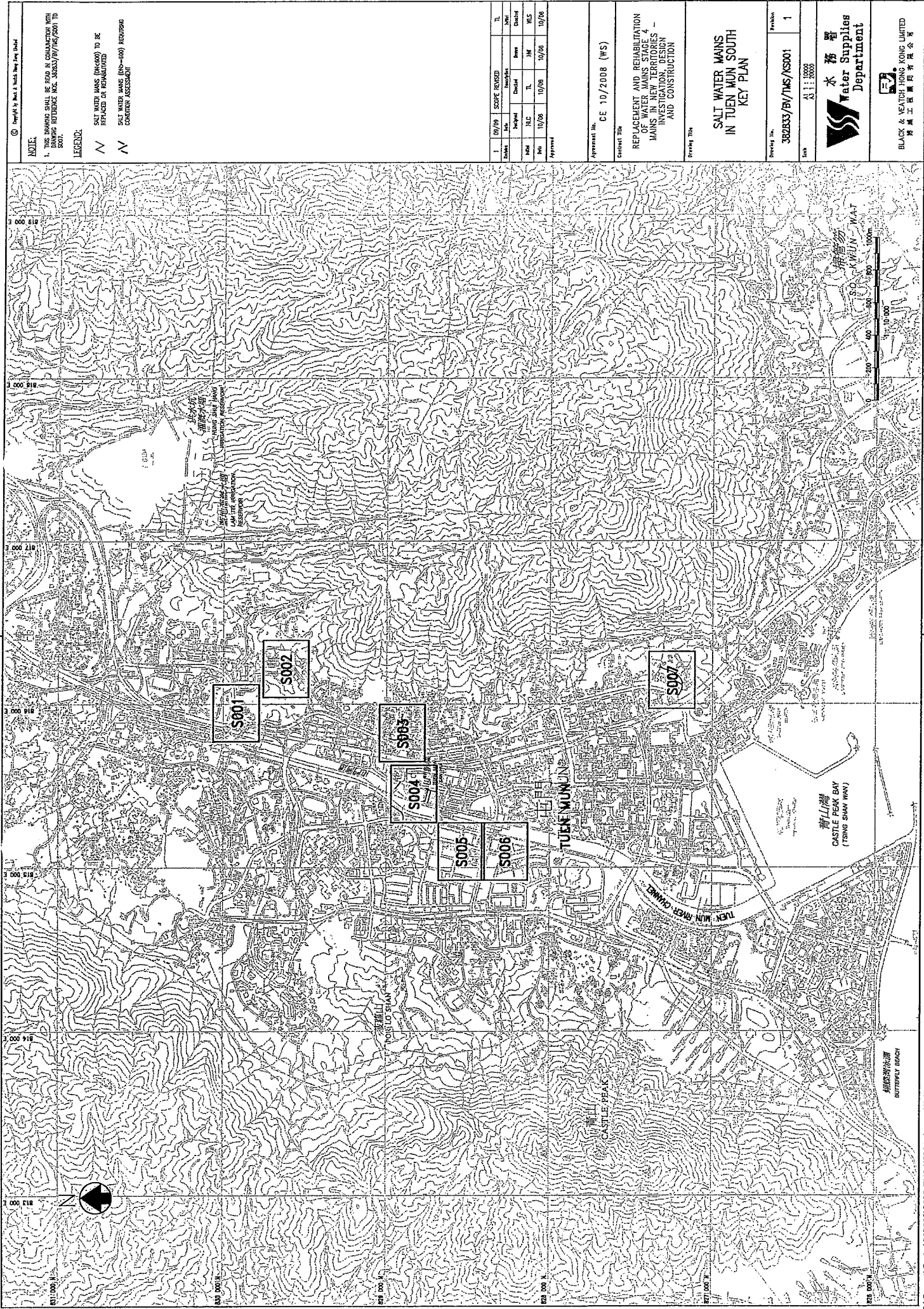
Content Title
REPLACEMENT AND REHABILITATION OF WATER MAINS SYSTEMS & MAINS IN NEW TERRITORIES - INVESTIGATION, DESIGN AND CONSTRUCTION

Drawing Title
FRESH WATER MAINS IN TUN MUN SOUTH KEY PLAN

Revision No.	382B33/BV/TM/KF001
Scale	AS 1:10,000



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NOTE:

1. THIS DRAWING SHALL BE USED IN CONJUNCTION WITH DRAWING REFERENCE NO. 302B33/01/TMS/2001 TO S007.

LEGEND:

- ✓ SALT WATER MAINS (RWS-000) TO BE REPLACED OR REHABILITATED
- ✓ SALT WATER MAINS (RWS-000) REQUIRING CARRYOVER ASSESSMENT

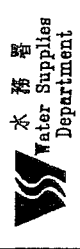
1 (01/09) SCOPE REVISED									
Revised	Date	Revised By	Checked By	Revised	Date	Revised By	Checked By	Revised	Date

Approved By: CE 10/2008 (WS)

REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS IN NEW TERRITORIES - TMS/2001 TO S007 DESIGN AND CONSTRUCTION

SALT WATER MAINS IN TIEN MUN SOUTH KEY PLAN

Project No.	302B33/01/TMS/KS001
Sheet	1



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NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/TW/F001A TO F001G.

LEGEND:

FRESH WATER MAINS (BULKHEAD) TO BE REPLACED OR REHABILITATED

FRESH WATER MAINS (100-400) REQUIRING CONDITION ASSESSMENT

REVISED DRAWING WITH ADDITION OR OMISSION OF WATER MAINS

1		DATE		SCOPE		REVISION		TL	
Drawn	Checked	By	Date	By	Date	By	Date	By	Date
14.12	14.12	TL	14.12	TL	14.12	TL	14.12	TL	14.12
10/08	10/08	TL	10/08	TL	10/08	TL	10/08	TL	10/08

Approved

CE 10/2008 (WS)

Project 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

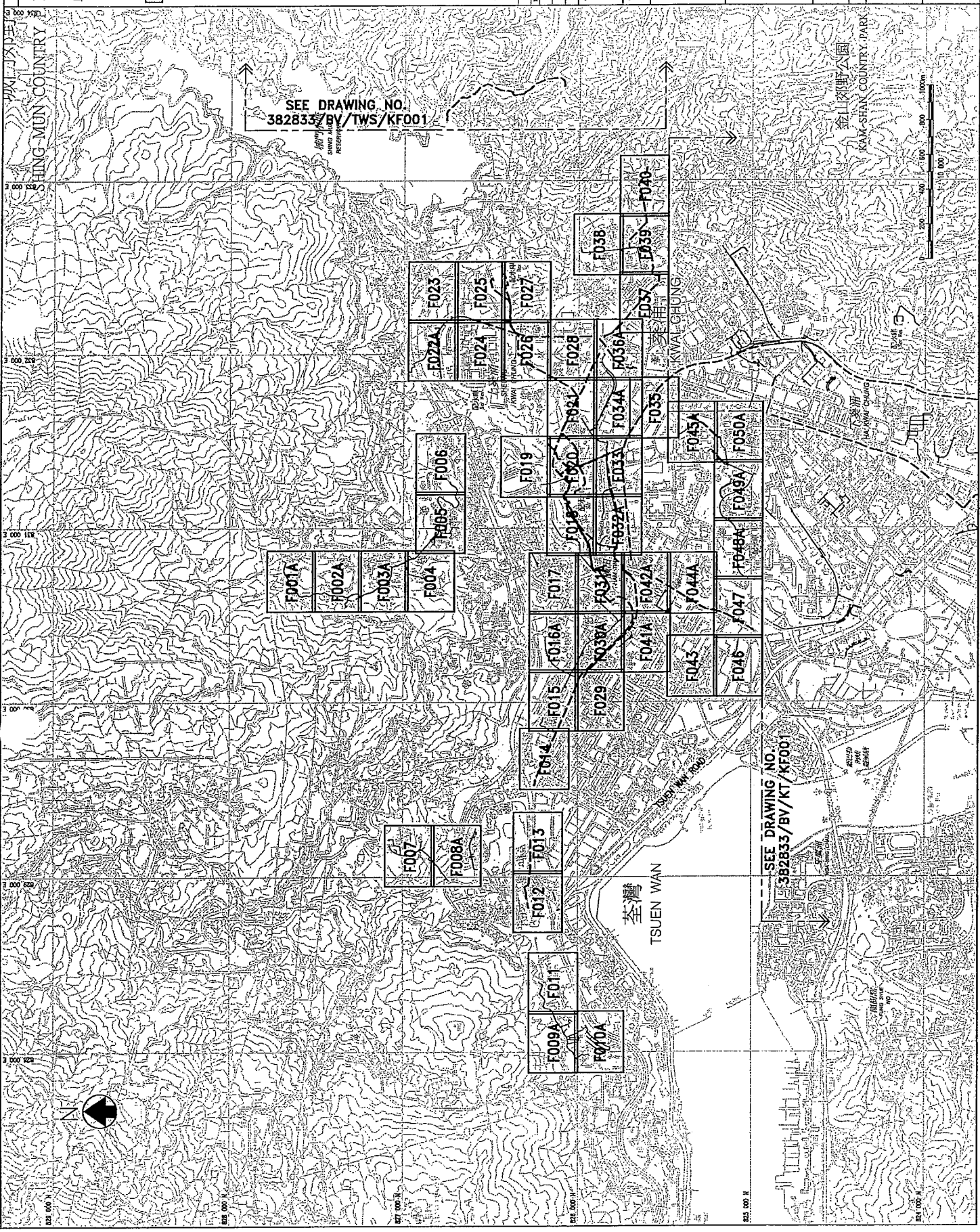
1

Scale

A1 : 1:10000
A2 : 1:20000

Water Supplies Department

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附屬工程顧問有限公司



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NOTE:

1. THIS DRAWING SHALL BE USED IN CONNECTION WITH DRAWING REFERENCE NO. 382B33/YL/KS001 TO 380L.

LEGEND:

✓ SALT WATER MAINS (HANGS) TO BE REPLACED OR REHABILITATED

✓ SALT WATER MAINS (HANGS) REQUIRING CONDITION ASSESSMENT

1		DATE		SCOPE		REVISION		BY		CHECKED		DATE	
1	09/09	10/09	10/09	10/09	10/09	10/09	10/09	10/09	10/09	10/09	10/09	10/09	10/09

Approved by: CE 10/2008 (WS)

Drawn by: [Blank]

Checked by: [Blank]

REPLACEMENT AND REHABILITATION OF SALT WATER MAINS STAGE 4 MAINS IN YUEN LONG - INVESTIGATION DESIGN AND CONSTRUCTION

Project Title: SALT WATER MAINS IN YUEN LONG KEY PLAN

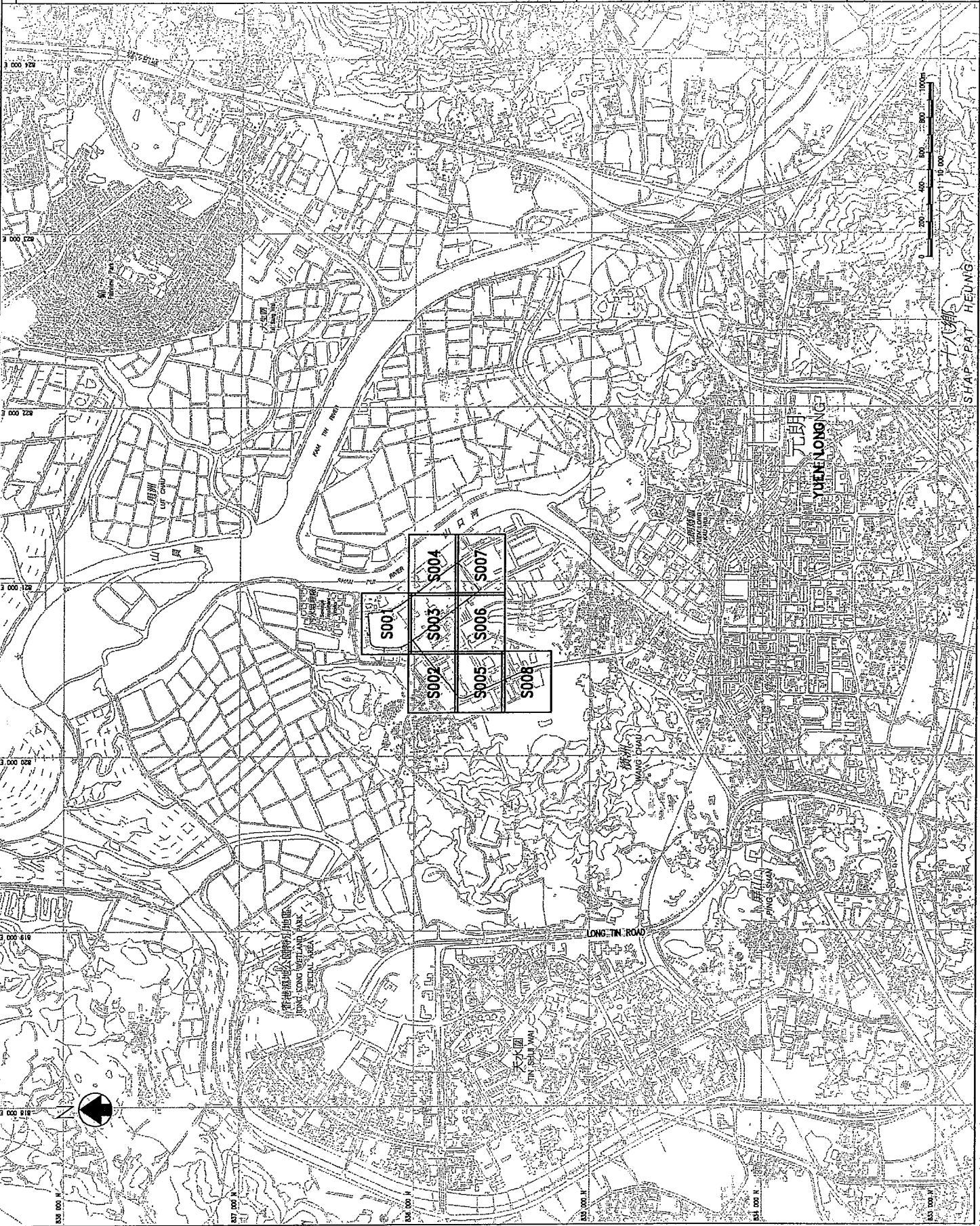
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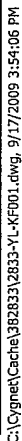
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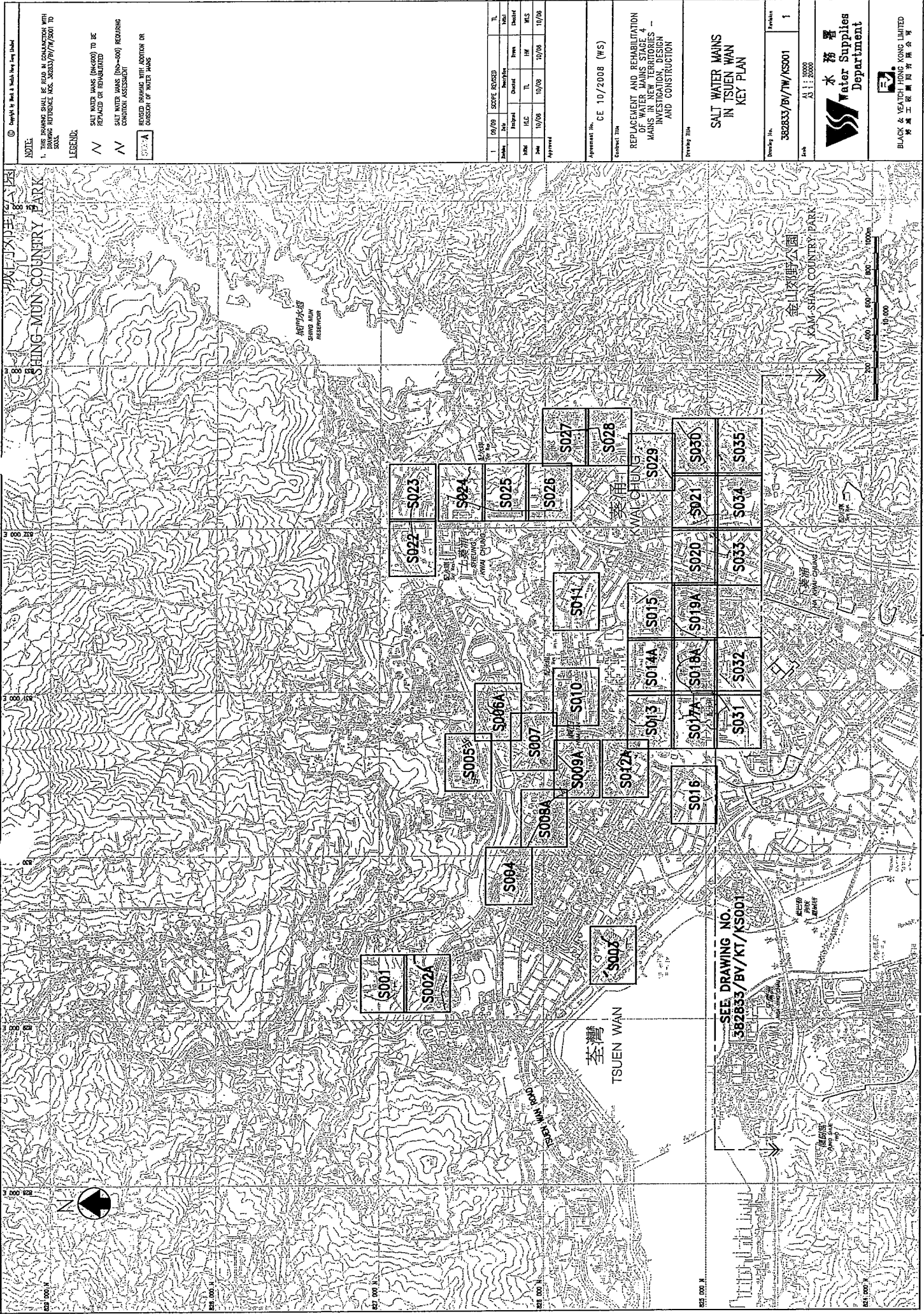
Revision: 1

Water Supplies Department

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特威工程顧問有限公司







NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/TV/KS001 TO 382833/TV/KS004.

LEGEND:

✓ SALT WATER MAINS (INDICATED) TO BE REPLACED OR REHABILITATED

✓ SALT WATER MAINS (INDICATED) REQUIRING CANTONMENT ASSESSMENT

REVISIONS WITH ADDITION OR DELETION OF WATER MAINS

NO.	DATE	DESCRIPTION	BY	CHKD.	DATE
1	09/09	SCOPE REVISED	TL	TL	10/09
2	10/09	SCOPE REVISED	TL	TL	10/09

Approved By: CE 10/2008 (WS)

Checked By: [Signature]

REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 4 MAINS INVESTIGATION DESIGN AND CONSTRUCTION

Drawing Title: SALT WATER MAINS IN TSUEN WAN KEY PLAN

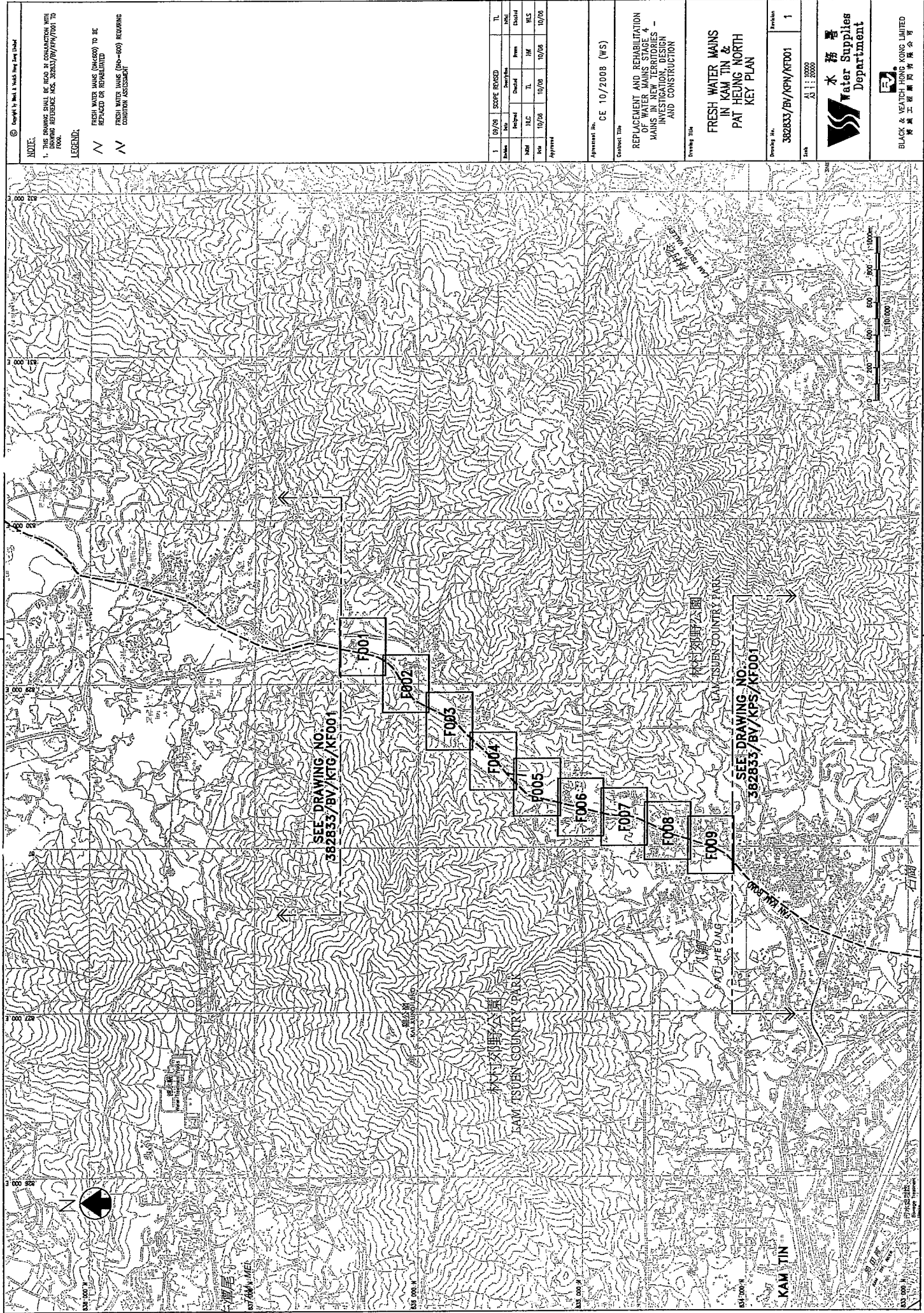
Drawing No.: 382833/TV/KS001

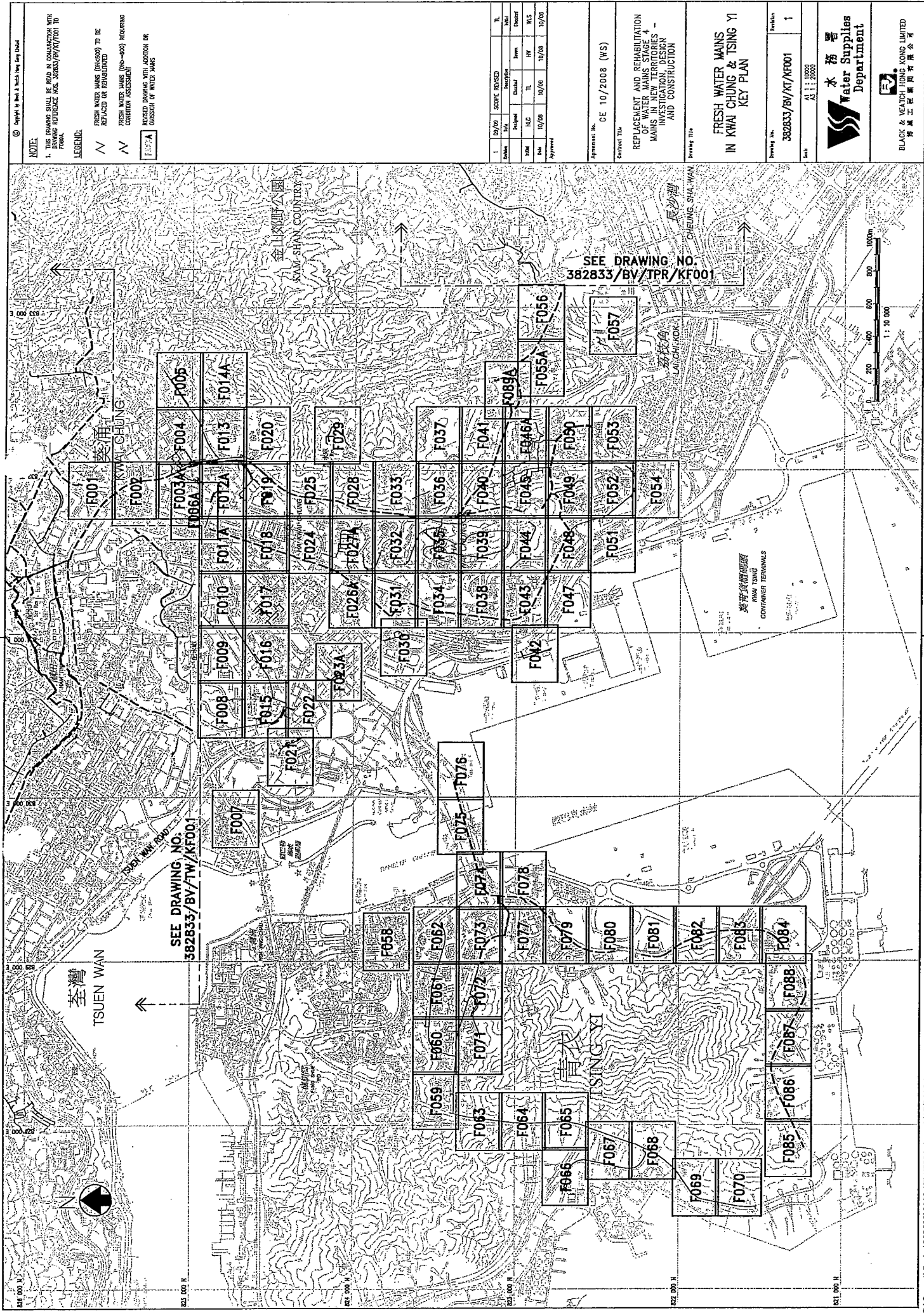
Scale: AS 1:1000

Revision: 1

Water Supplies Department

BLACK & VEATCH HONG KONG LIMITED
香港工程顧問有限公司





NOTE:
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/KT/KF001 TO F004.

LEGEND:

- ✓ FRESH WATER MAINS (100-400) TO BE REPLACED OR REHABILITATED
- ✓ FRESH WATER MAINS (100-400) REQUIRING CONDITION ASSESSMENT
- REPLACEMENT OF WATER MAINS

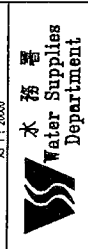
BY / FOR		SCOPE / REVISION		DATE	
Drawn	TL	Revised	TL	Drawn	TL
Checked	TL	Revised	TL	Checked	TL
Drawn	TL	Revised	TL	Drawn	TL
Drawn	TL	Revised	TL	Drawn	TL
Drawn	TL	Revised	TL	Drawn	TL

Approved by: CE 10/2008 (WS)

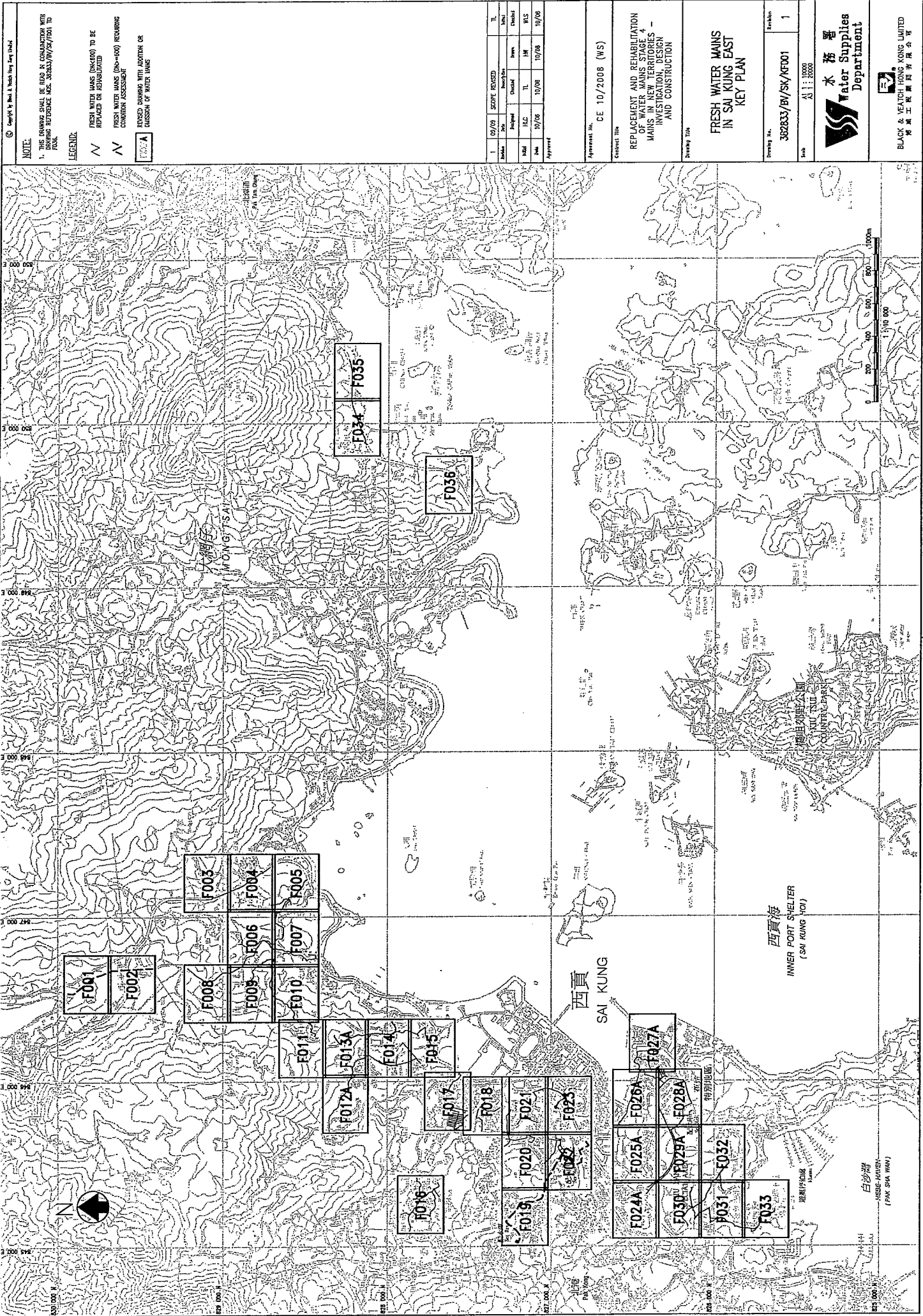
Contract Title: REPLACEMENT AND REHABILITATION OF WATER MAINS STAGE 1 MAINS IN NEW TERRITORIES - INVESTIGATION, DESIGN AND CONSTRUCTION

Project Title: FRESH WATER MAINS IN KWA CHUNG & TSING YI KEY PLAN

Drawing No.: 382833/BV/KT/KF001
Revision: 1



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NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/8V/SS/FF001 TO 382833/8V/SS/FF004.

LEGEND:

~ FRESH WATER MAINS (100-400) TO BE REPLACED OR REINFORCED

~ FRESH WATER MAINS (400-600) REPAIRING CONDITION ASSESSMENT

~ REINFORCED DRAWING WITH ADDITION OR DIMENSION OF WATER MAINS

REVISION

Rev.	Date	Description	By	Check
1	10/08	SCOPE REVISED	TL	TL

Approved: **CE 10/2008 (WS)**

Content 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**

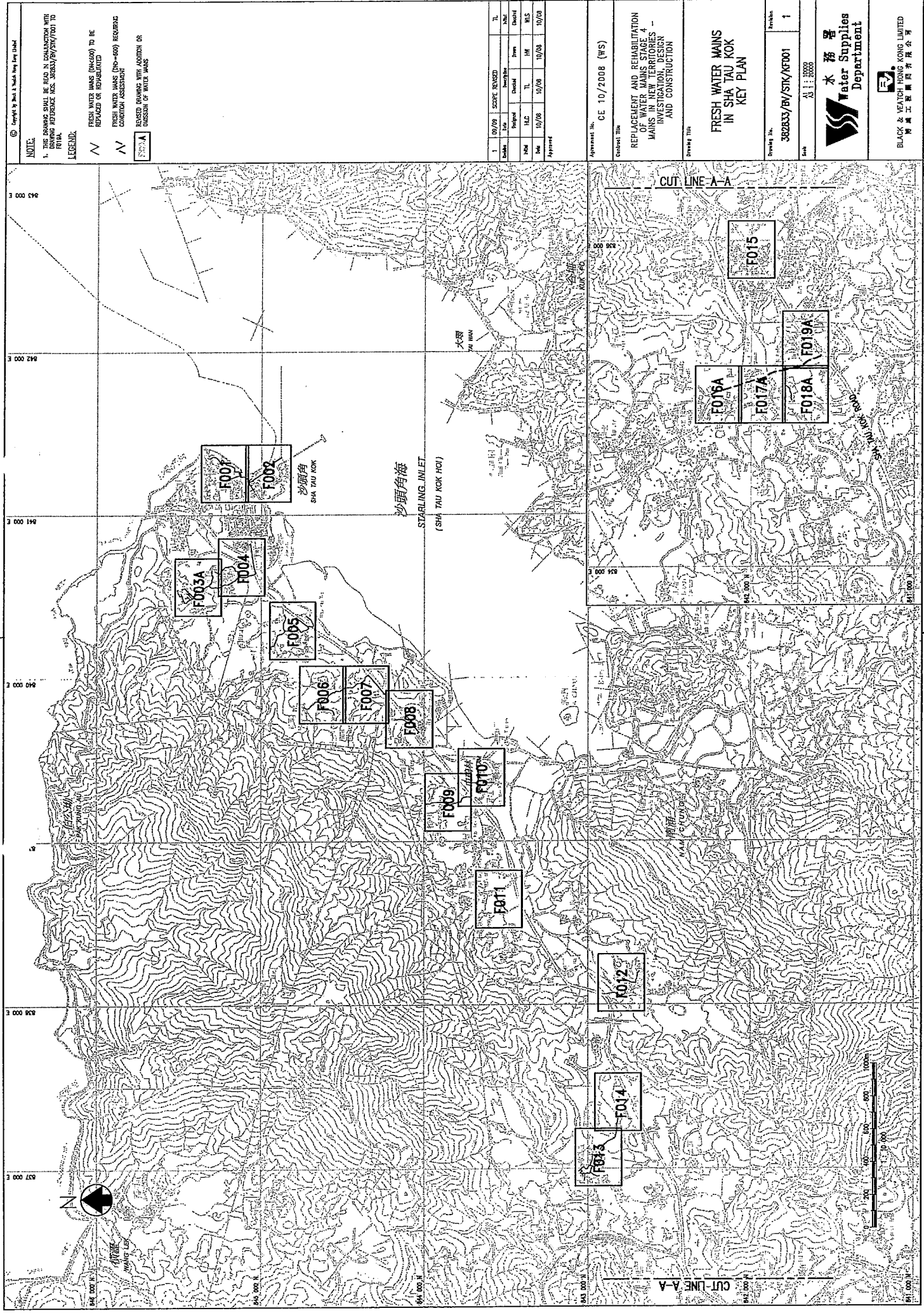
Drawing No.: **382833/8V/SS/FF001**

Revision: **1**

Scale: **AS 1:10000**

Water Supplies Department

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NOTE:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE DRAWING REFERENCE NOS. 382833/STK/AF001 TO 382833/STK/AF005.

LEGEND:

✓ FRESH WATER MAINS (PROPOSED) TO BE REPLACED OR REHABILITATED

✓ FRESH WATER MAINS (PROPOSED) REQUIRING CONDITION ASSESSMENT

REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUED FOR TENDER	10/08/08

NO.	DATE	SCOPE	REVISION	BY	CHKD	APPD
1	10/08/08	ISSUED FOR TENDER	1	Y. L. YIP	Y. L. YIP	Y. L. YIP

Approved By: GE 10/2008 (WS)

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

Drawn By: FRESH WATER MAINS IN SHA TAU KOK KEY PLAN

Drawn No.: 382833/STK/AF001

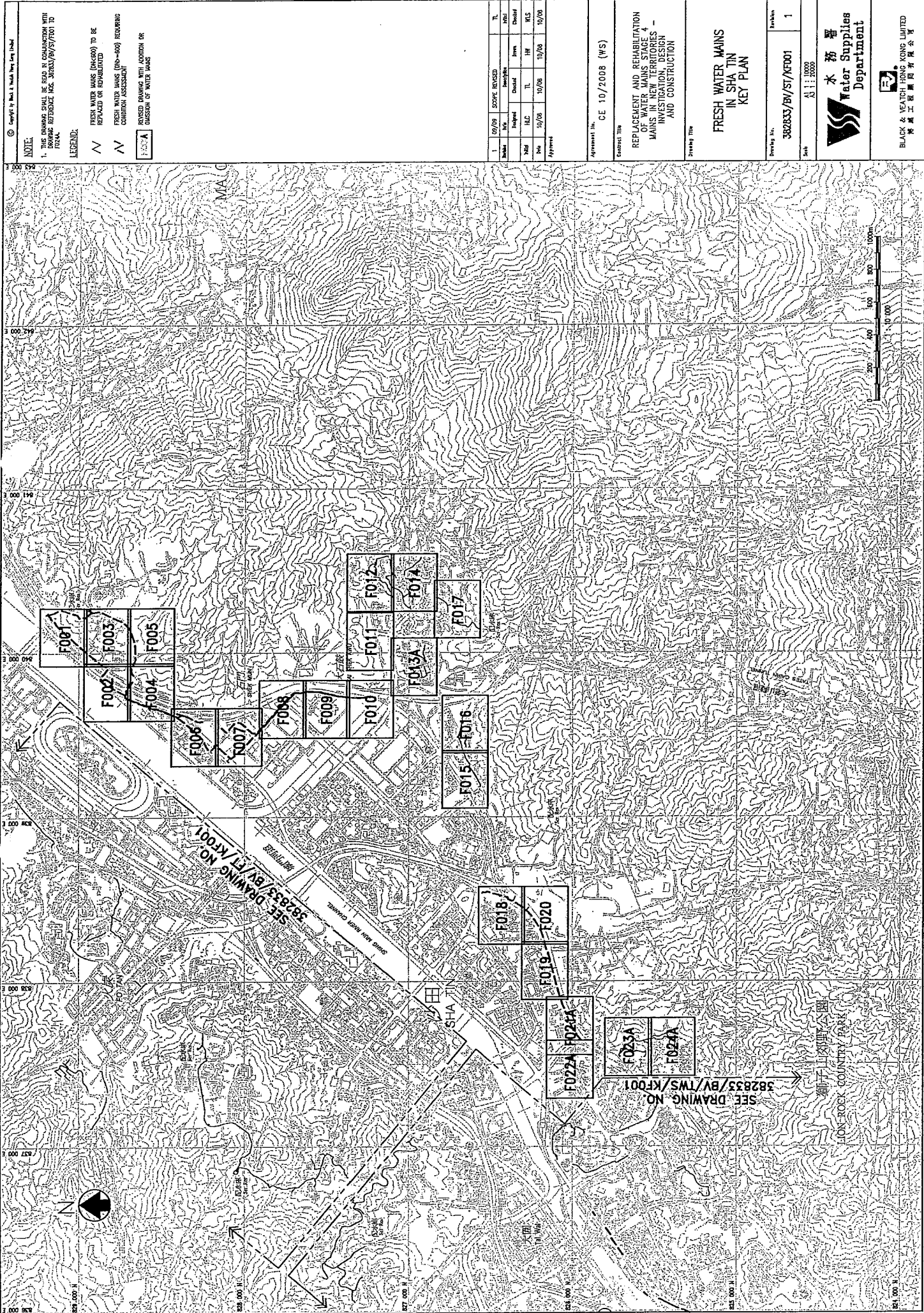
Sheet: 1

Scale: AS 1:10000

Revision: 1

Water Supplies Department

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NOTE:
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/ST/KF001 TO F004.

LEGEND:

FRESH WATER MAINS (DN600) TO BE REPLACED OR REHABILITATED
FRESH WATER MAINS (DN600) REQUIRING CONJUNCTION ASSESSMENT
REVISED DRAWING WITH ADDITION OR DELETION OF WATER MAINS

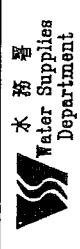
No.	Rev.	Date	Description	By	Checkd.	Appr'd.	Date	Rev.	Date	Rev.	Date
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2	1	10/08	SCOPE REVISED								
3	1	10/08	SCOPE REVISED								
4	1	10/08	SCOPE REVISED								
5	1	10/08	SCOPE REVISED								
6	1	10/08	SCOPE REVISED								
7	1	10/08	SCOPE REVISED								
8	1	10/08	SCOPE REVISED								
9	1	10/08	SCOPE REVISED								
10	1	10/08	SCOPE REVISED								

Approved: **CE 10/2008 (WS)**

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

Project Title:
FRESH WATER MAINS IN SHA TIN KEY PLAN

Drawing No.: 382833/BV/ST/KF001
Scale: AS SHOWN
Sheet: 1



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ID	09/09	SCOPE REVISED		Description		TL
		Prepared	Info	Checked	Drawn	
Initial		13.C		TL	HW	WLS
Date	10/06			10/08	10/08	10/08

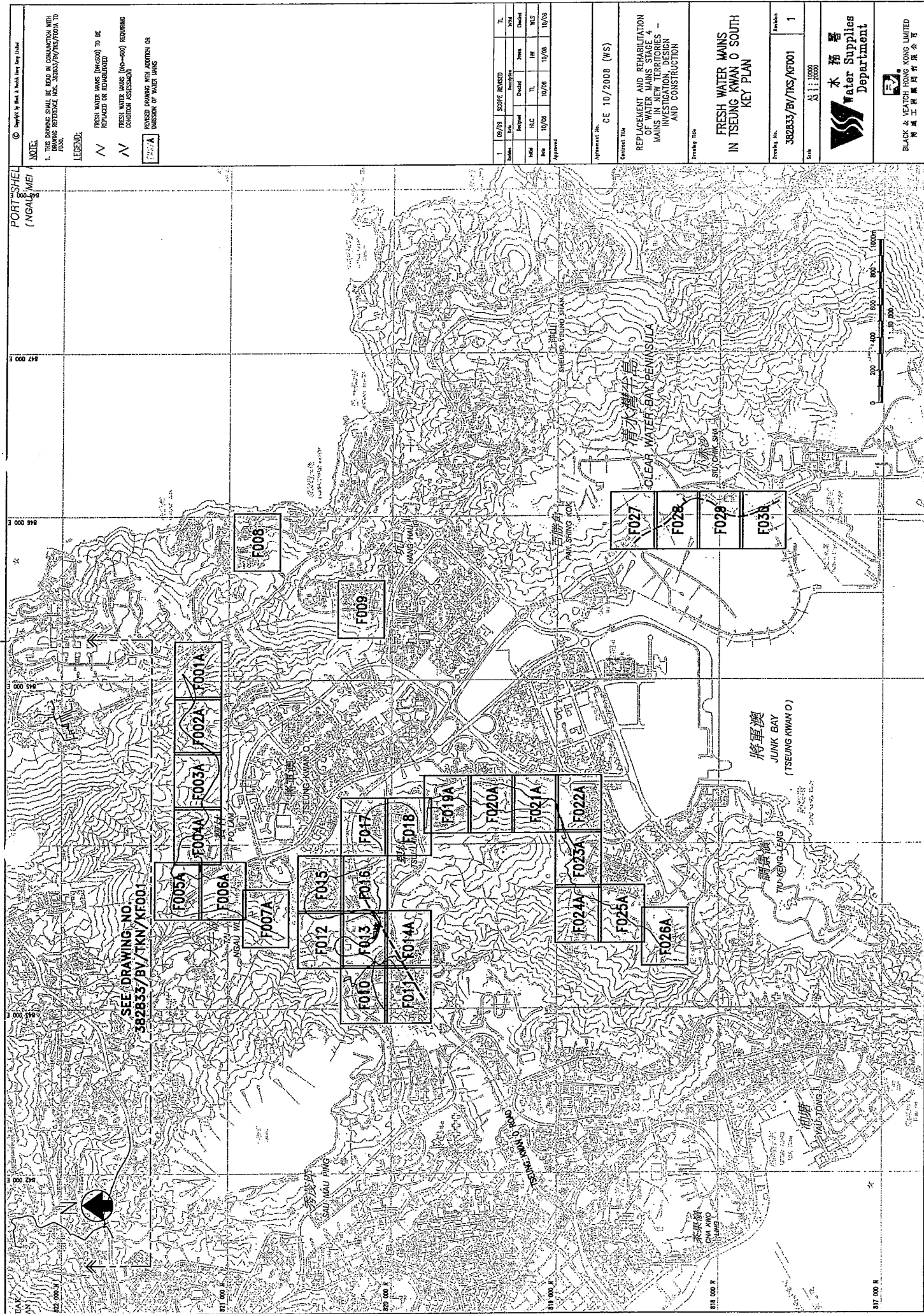
SALT WATER MAINS
IN SHA TIN
KEY PLAN



Water Supplies
Department

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特域工程顧問有限公司







NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382B33/79/TKS/AS001 TO S005A.

LEGEND:

✓ SALT WATER MAINS (100-600) TO BE REPLACED OR REINSTALLED

✓ SALT WATER MAINS (600-650) REQUIRING CONDITION ASSESSMENT

□ S007A REPOSED DRAWING WITH LOCATION OR DIMENSION OF WATER MAINS

1		10/08		SCOPE REVIEW		TL	
Author	Title	Prepared	Checked	Designed	Drawn	Checked	Drawn
YSL	15.2	TL	HL	WLS			
Date		10/08	10/08	10/08	10/08	10/08	10/08
Approved							

Approved By: CE 10/2008 (WS)

Contract Title: REPLACEMENT AND REHABILITATION OF SALT WATER MAINS IN NEW TERRITORIES - MAINS IN TSEUNG KWAN O SOUTH - INVESTIGATION, DESIGN AND CONSTRUCTION

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

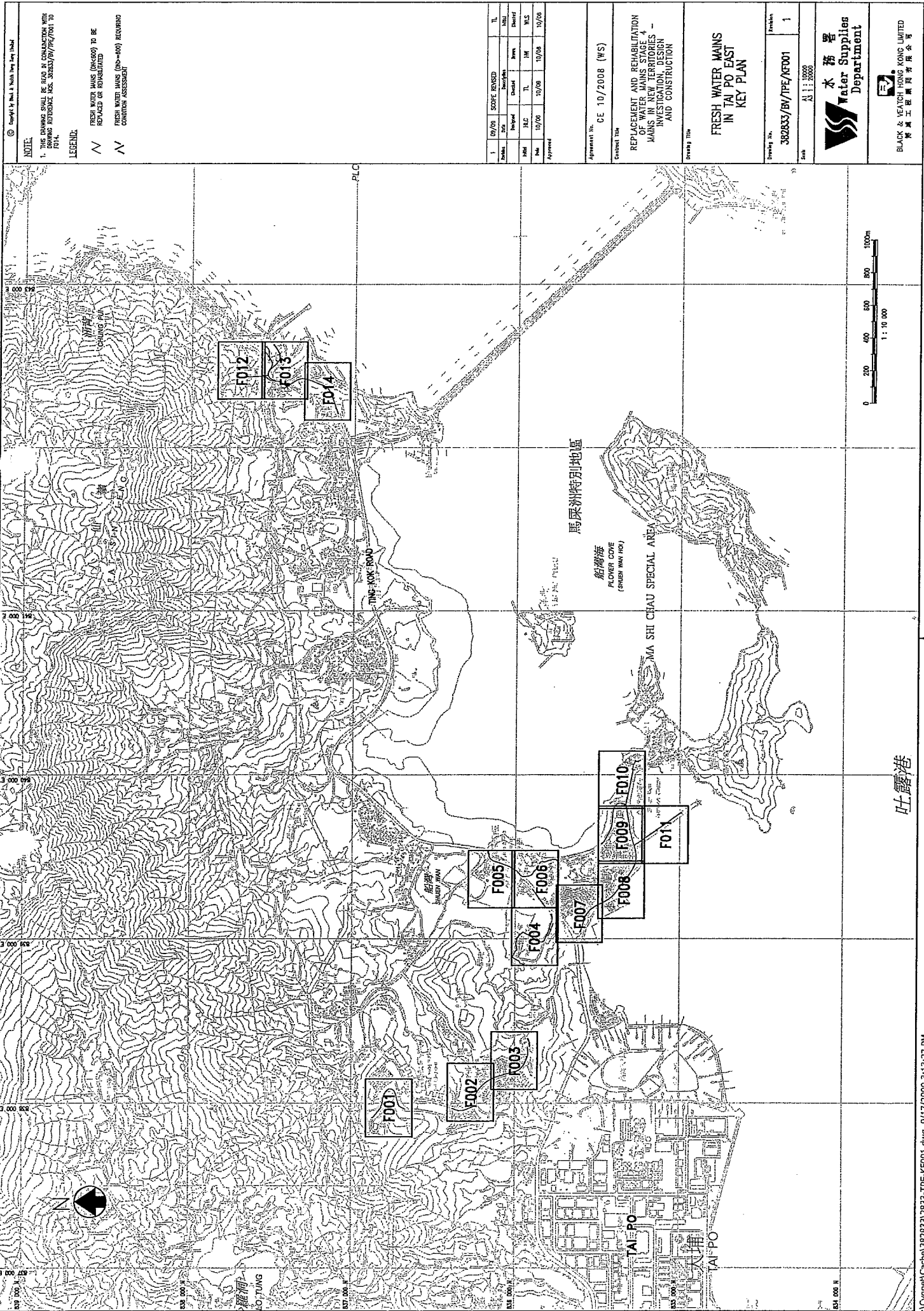
Drawing No.: 382B33/79/TKS/AS001

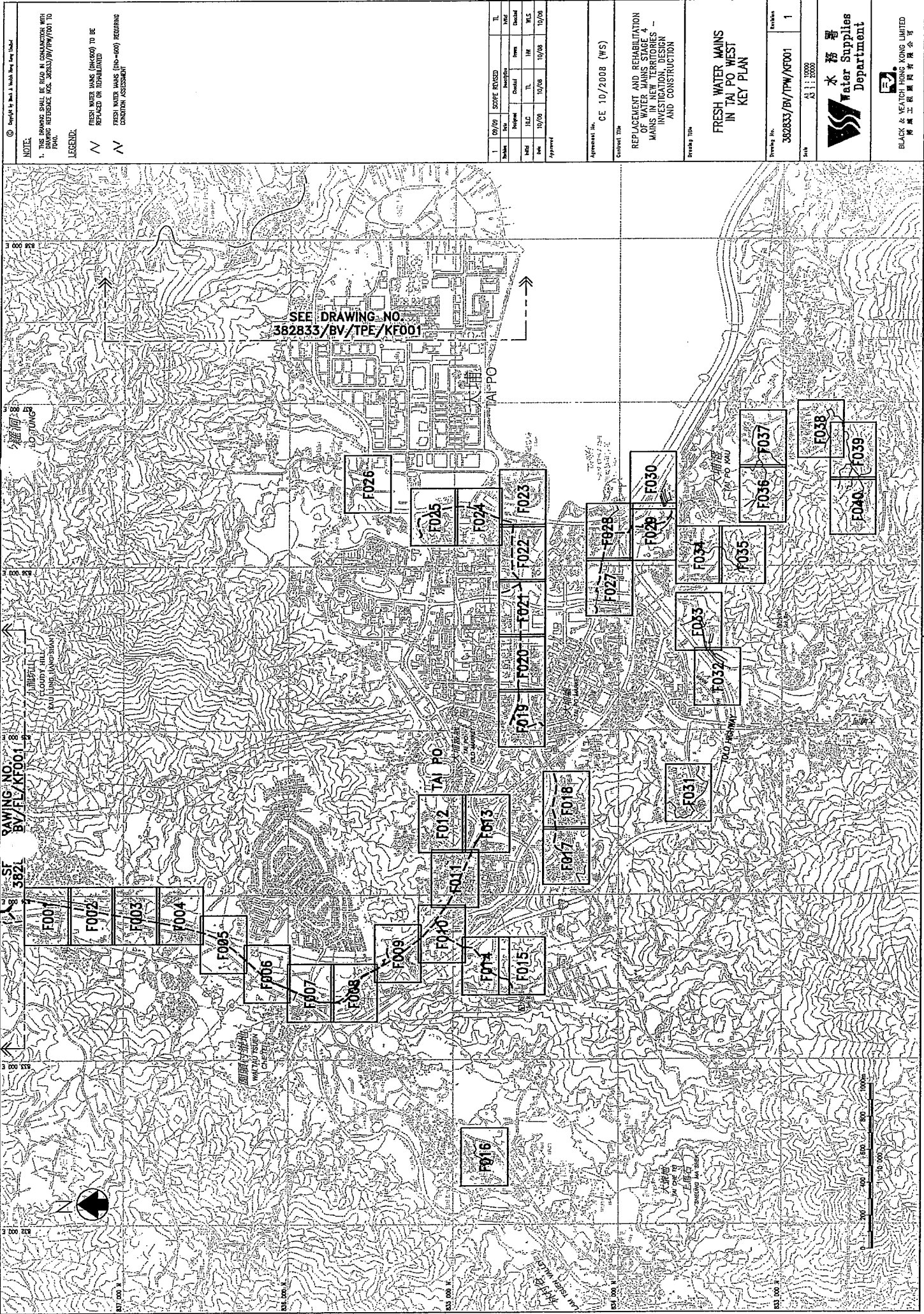
Revision: 1

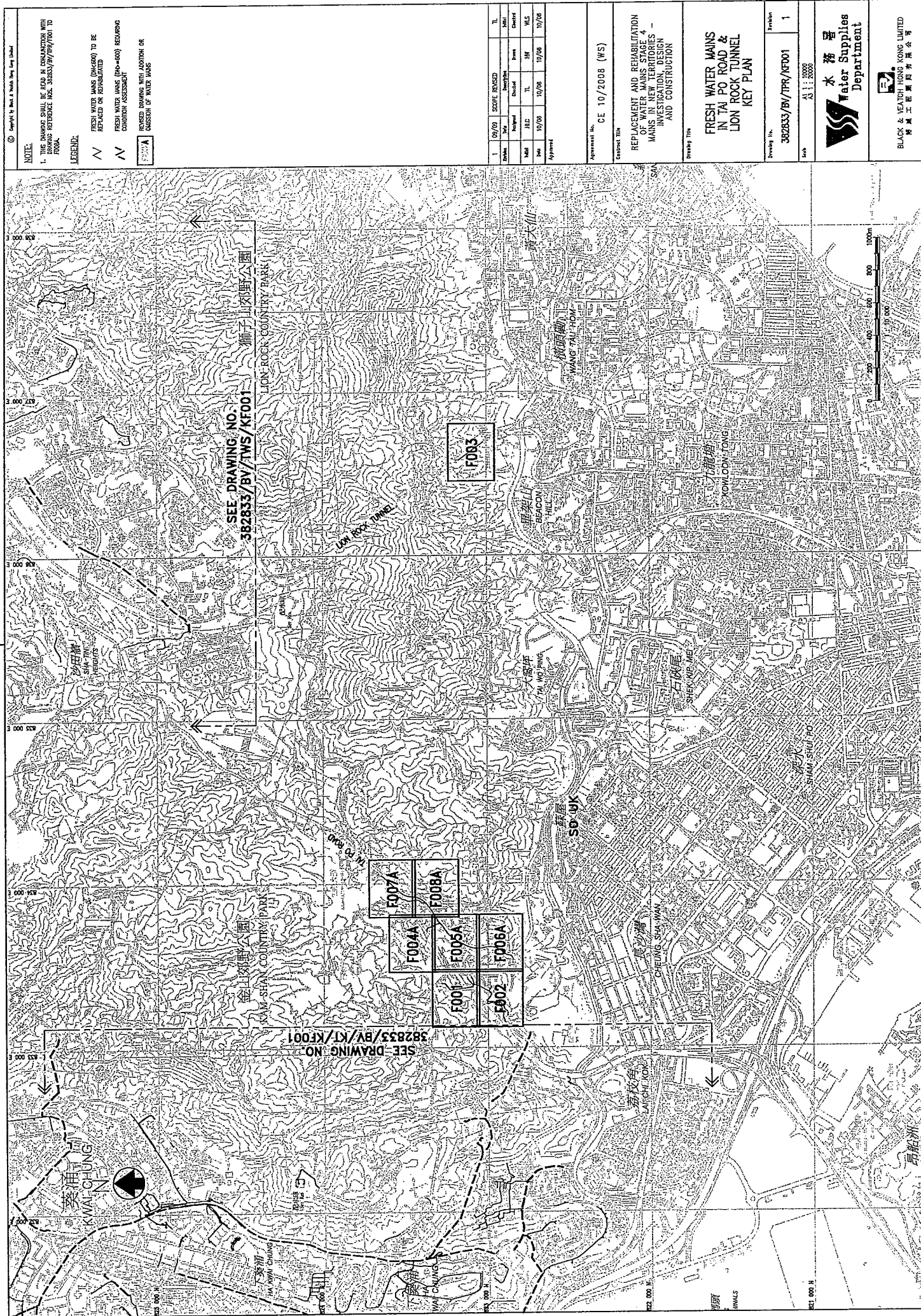
Date: 11/11/2008

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NOTE:

1. THIS DRAWING SHALL BE USED IN CONJUNCTION WITH DRAWING REFERENCE NOS. 382833/BV/TPR/KF001 TO F004.

LEGEND:

~ FRESH WATER MAINS (PUMPED) TO BE REPLACED OR REINFORCED

~ FRESH WATER MAINS (400-600) REQUIRING CONDITION ASSESSMENT

~ REINFORCED BRIDGING WITH ADDITION OR OMISSION OF WATER MAINS

1		19/09		SCOPE REVISION		TL	
Rev	Date	By	App'd	Rev	Description	By	Date
1	10/06	JLC	TL	1	10/06	JLC	10/06

Approved

Version No. CE 10/2008 (WS)

Current 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

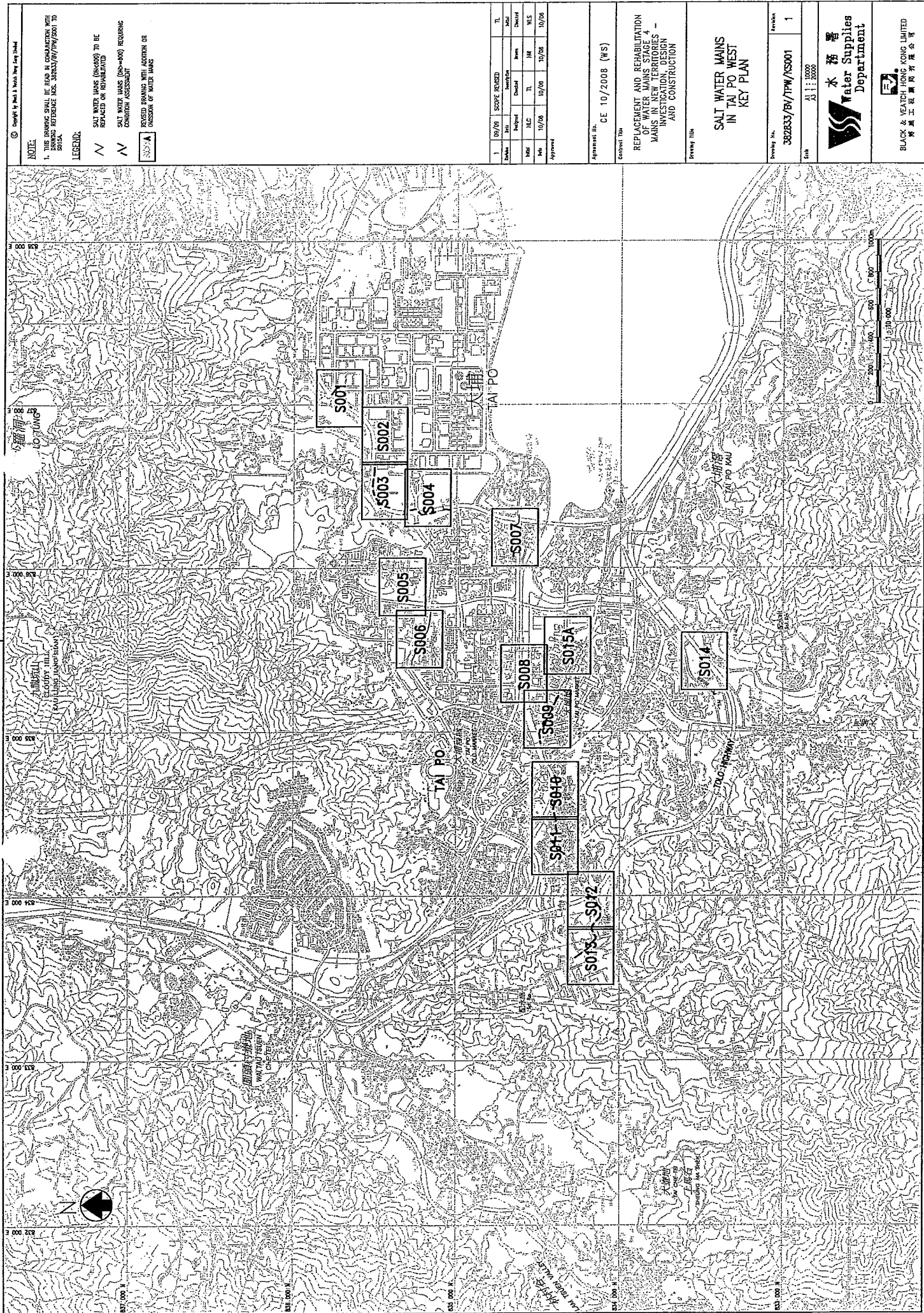
Drawing No. 382833/BV/TPR/KF001

Revision 1

Scale AS 1:10000

Water Supplies Department

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NOTE:

1. THIS DRAWING SHALL BE USED IN CONNECTION WITH THE DESIGN OF THE WATER MAINS STAGE 4 PROJECT.

LEGEND:

✓ FRESH WATER MAINS (24" (600)) TO BE REPLACED OR REHABILITATED

✓ FRESH WATER MAINS (24" (600)) REQUIRING CONDITION ASSESSMENT

REVISION DRAWING WITH ADDITION OR DELETION OF WATER MAINS

1		09/09		SCOPE REVISED		10/09		10/09		10/09	
Author	Drawn	Checked	Reviewed	Design	Drawn	Checked	Reviewed	Design	Drawn	Checked	Reviewed

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 IN FANLING KEY PLAN

Revision No. 382833/BV/FL/KF001

Scale: AS IS 1:10000

Water Supplies Department

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