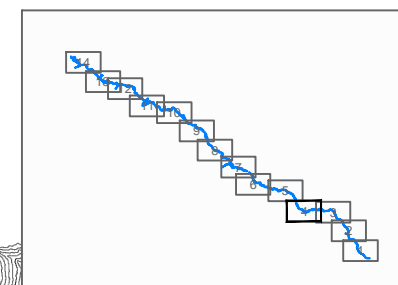
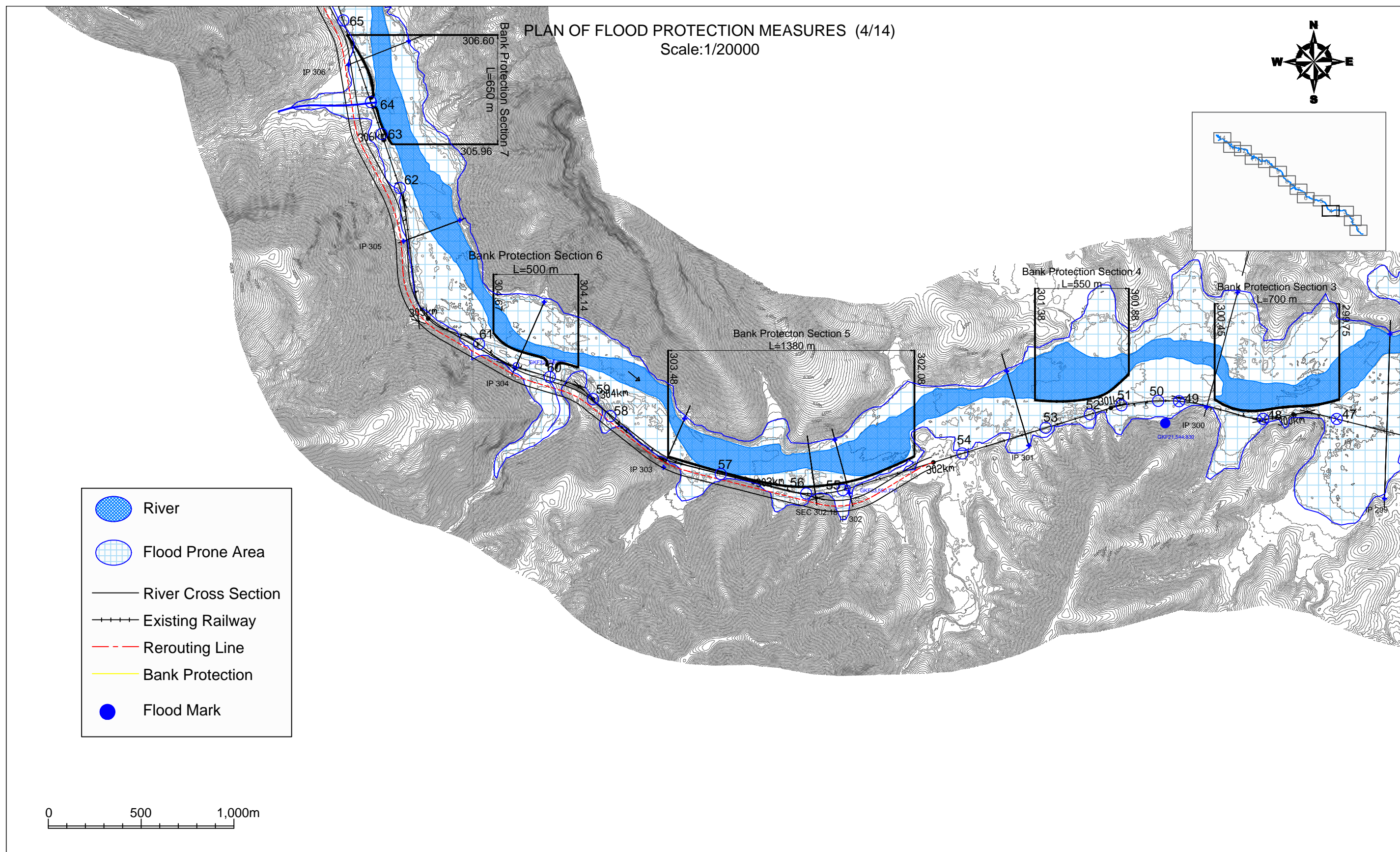
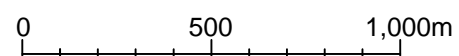


PLAN OF FLOOD PROTECTION MEASURES (4/14)
Scale: 1/20000

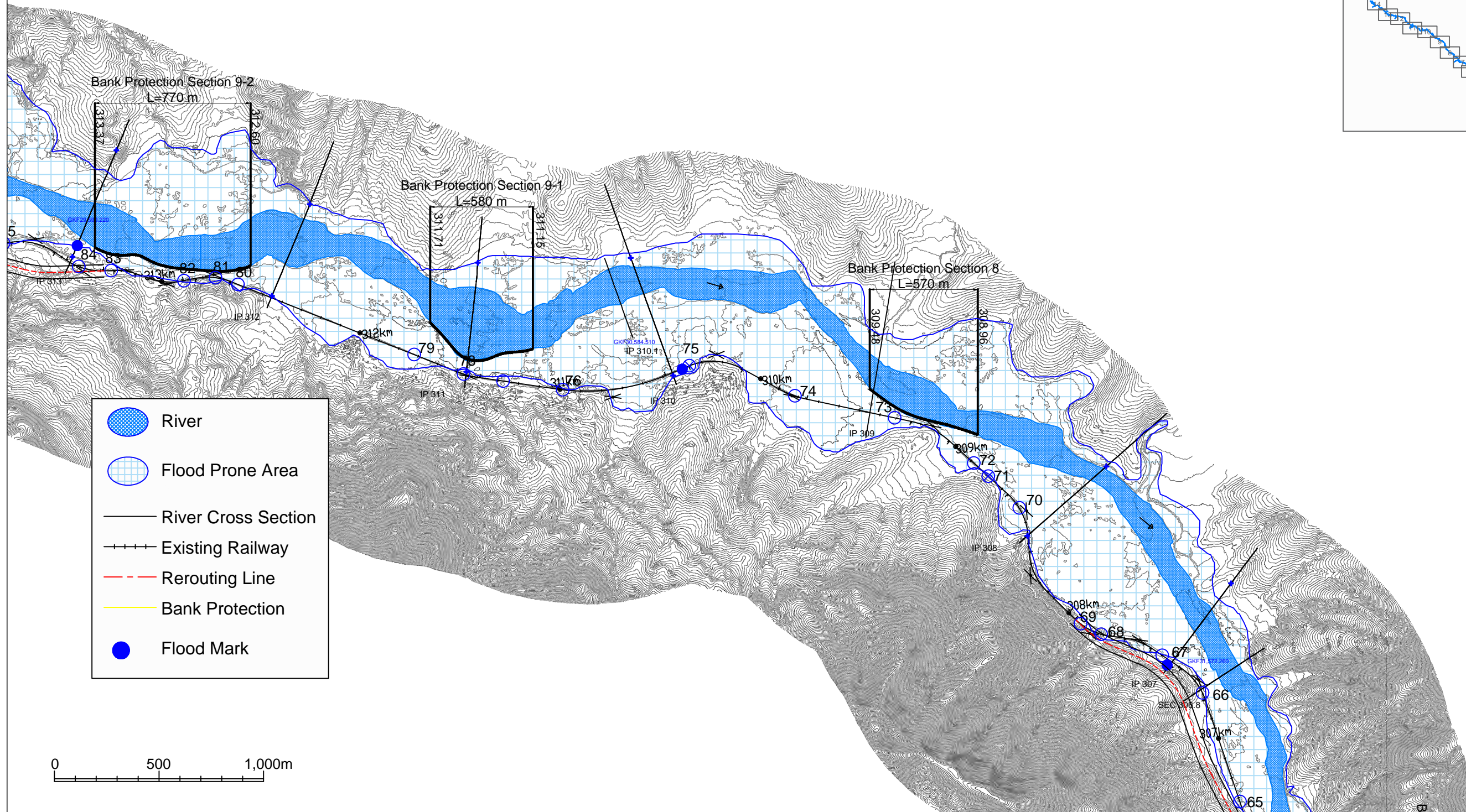
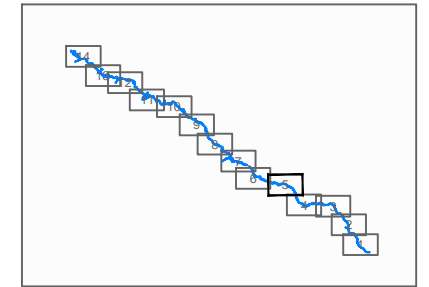
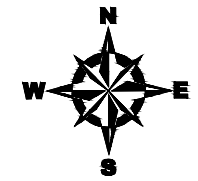




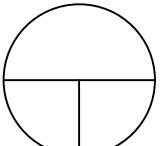
- River
- Flood Prone Area
- River Cross Section
- Existing Railway
- Rerouting Line
- Bank Protection
- Flood Mark

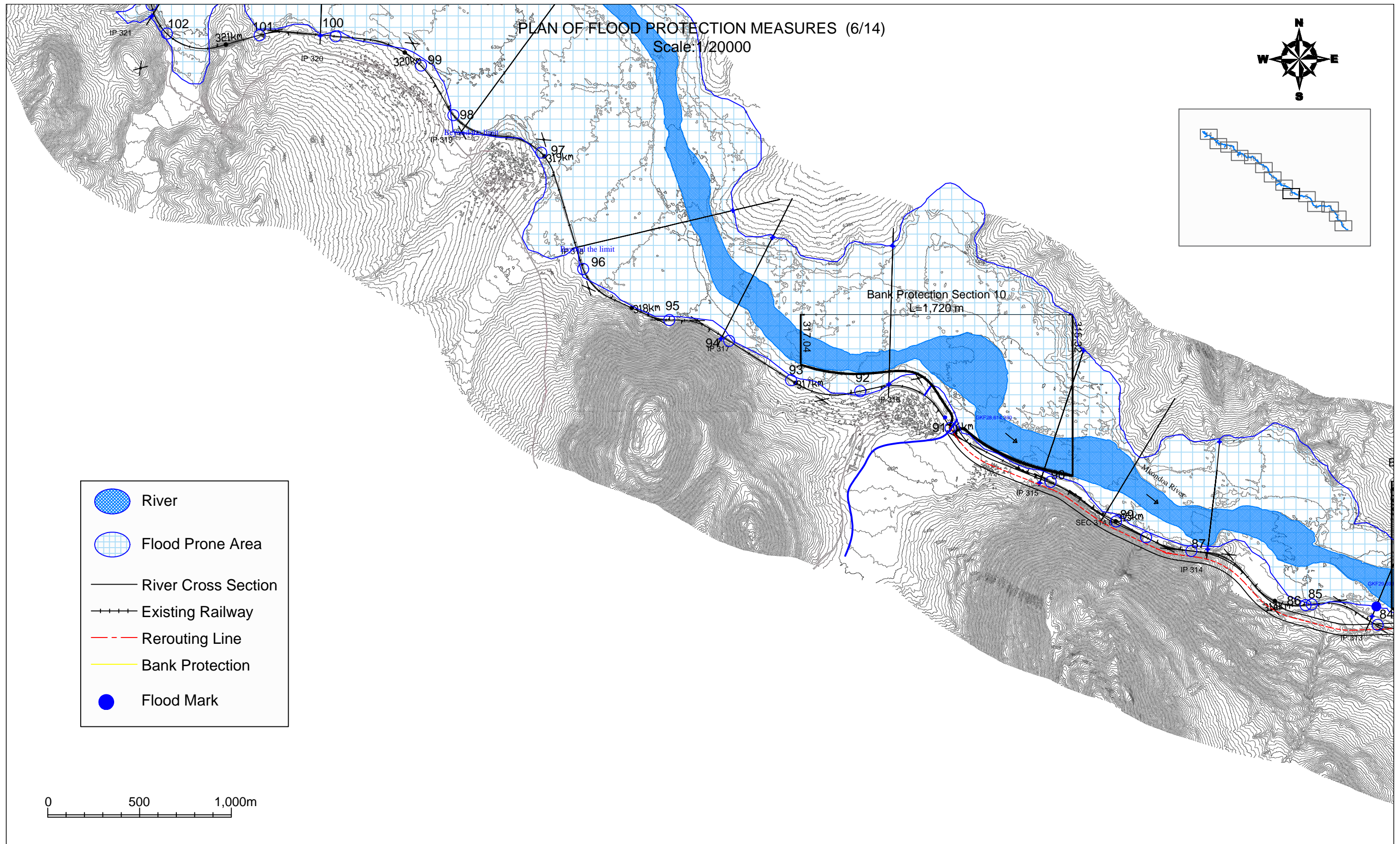









GOVERNMENT AGENCIES:		JICA STUDY TEAM:	PROJECT & LOCATION:	SHEET CONTENTS:	DWG NUM
JAPAN International Cooperation Agency	Reli Assets Holding Company (RAHCO), Tanzania	PADECO Co., Ltd., Nippon Koei Co., Ltd., Japan International Consultants for Transportation Co., Ltd., and Fukken Engineering Co., Ltd.	Preparatory Survey on Flood Protection Measures for Central Railway Line in the United Republic of Tanzania	PLAN OF FLOOD PROTECTION MEASURES (4/14) Scale: 1/20000	

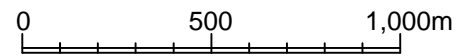
PLAN OF FLOOD PROTECTION MEASURES (5/14)
Scale: 1/20000



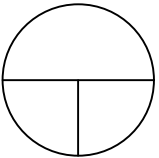


GOVERNMENT AGENCIES:		JICA STUDY TEAM:	PROJECT & LOCATION:	SHEET CONTENTS:	DWG NUM
 JAPAN International Cooperation Agency	 Reli Assets Holding Company (RAHCO), Tanzania	PADECO Co., Ltd., Nippon Koei Co., Ltd., Japan International Consultants for Transportation Co., Ltd., and Fukken Engineering Co., Ltd.	Preparatory Survey on Flood Protection Measures for Central Railway Line in the United Republic of Tanzania	PLAN OF FLOOD PROTECTION MEASURES (5/14) Scale: 1/20000	

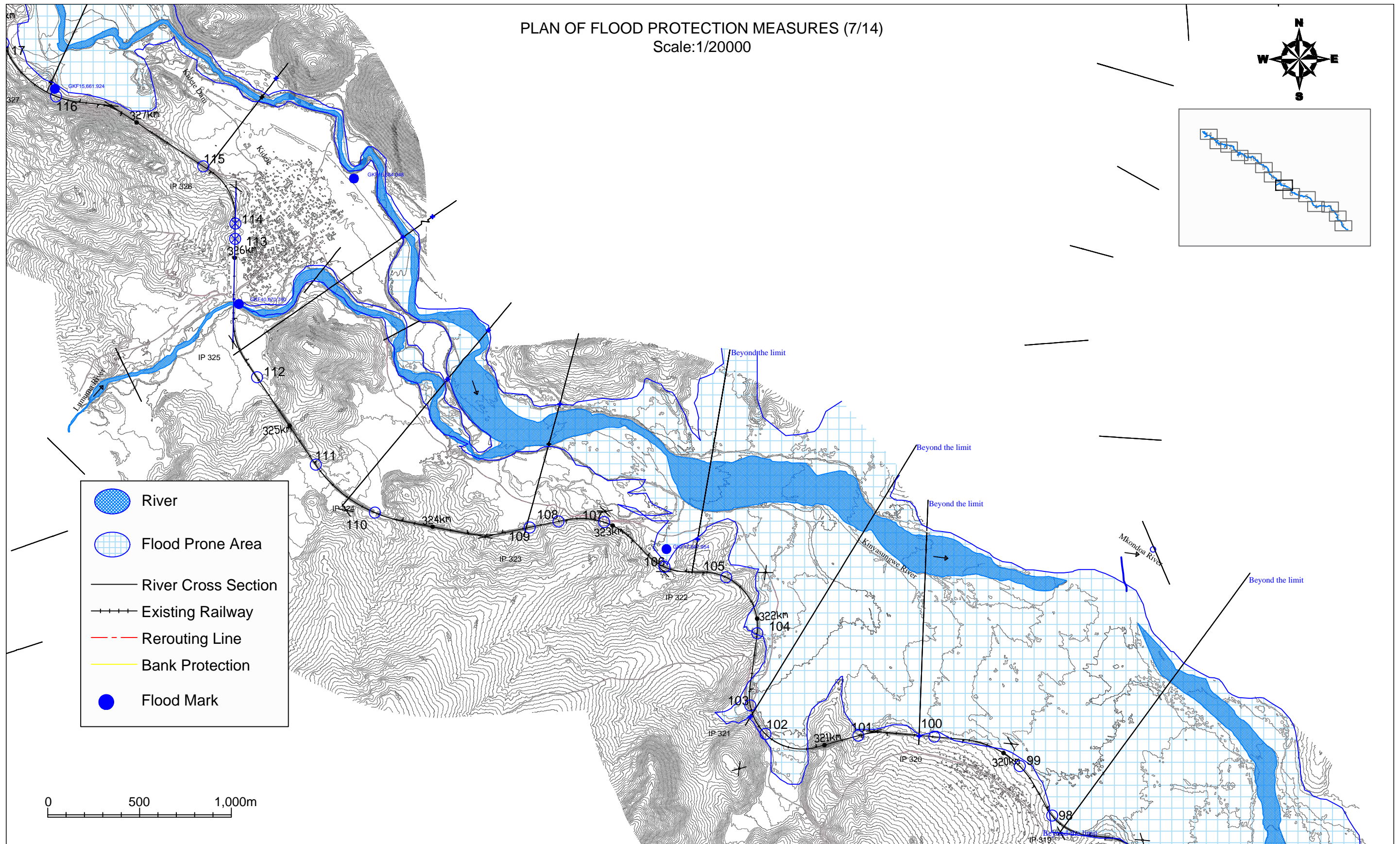
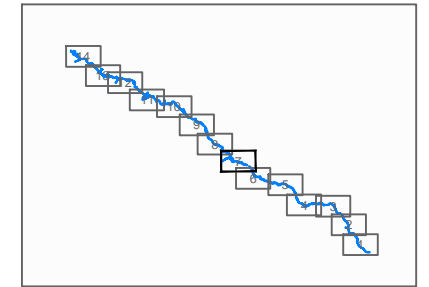
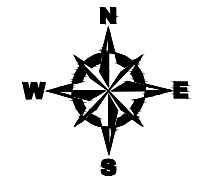









-  River
-  Flood Prone Area
-  River Cross Section
-  Existing Railway
-  Rerouting Line
-  Bank Protection
-  Flood Mark

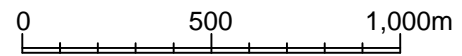




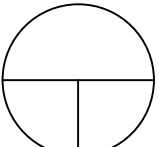
GOVERNMENT AGENCIES:		JICA STUDY TEAM:	PROJECT & LOCATION:	SHEET CONTENTS:	DWG NUM
	JAPAN International Cooperation Agency	 Reli Assets Holding Company (RAHCO), Tanzania	PADECO Co., Ltd., Nippon Koei Co., Ltd., Japan International Consultants for Transportation Co., Ltd., and Fukken Engineering Co., Ltd.	Preparatory Survey on Flood Protection Measures for Central Railway Line in the United Republic of Tanzania PLAN OF FLOOD PROTECTION MEASURES (6/14) Scale:1/20000	

PLAN OF FLOOD PROTECTION MEASURES (7/14)
Scale: 1/20000

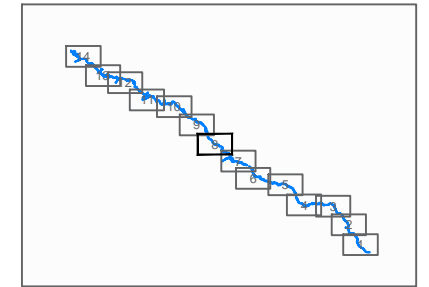
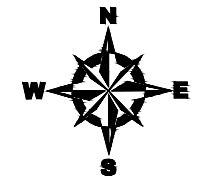









-  River
-  Flood Prone Area
-  River Cross Section
-  Existing Railway
-  Rerouting Line
-  Bank Protection
-  Flood Mark

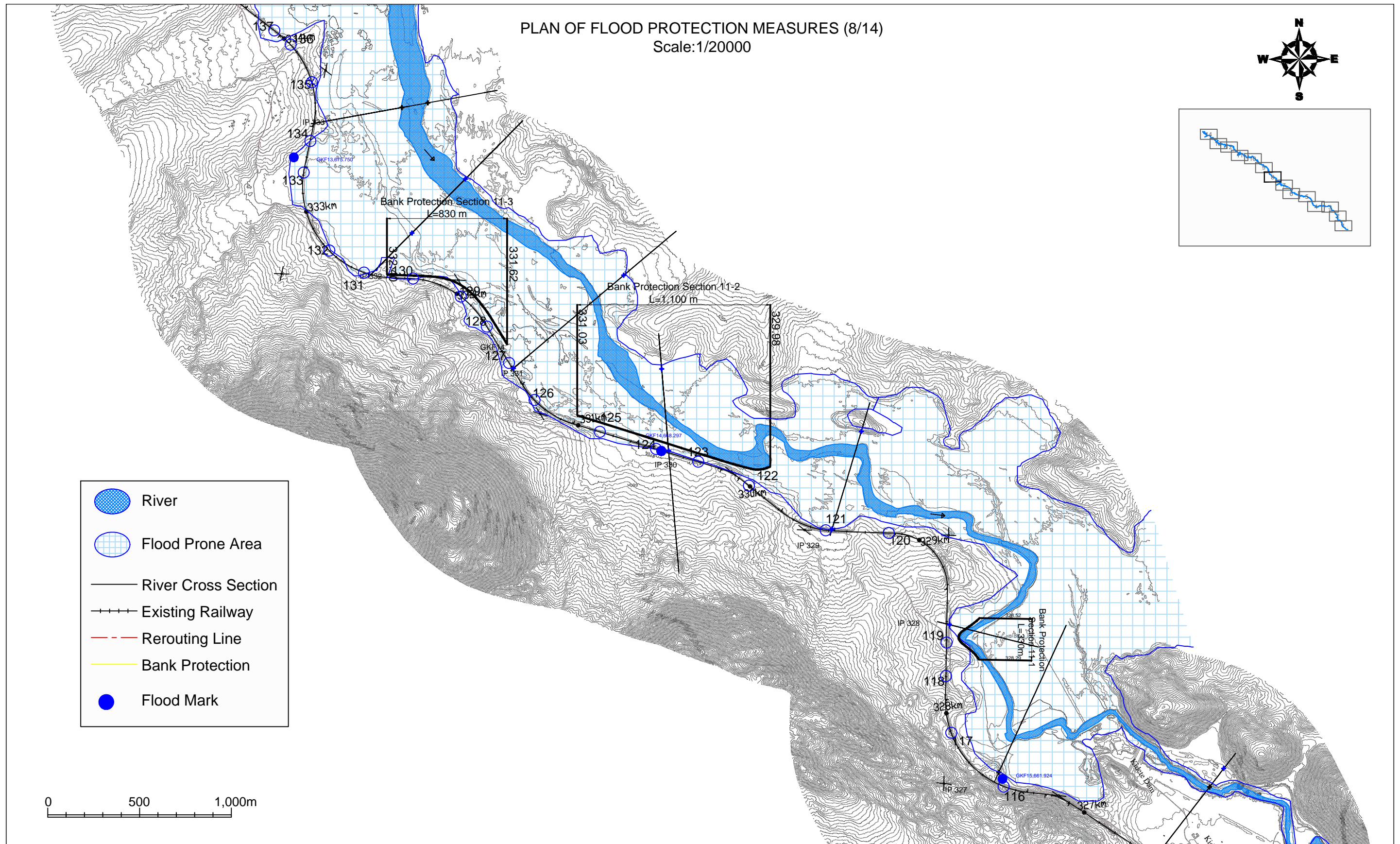
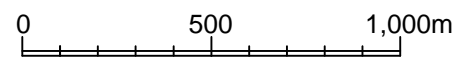




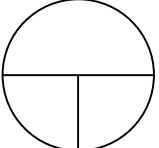
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 JAPAN International Cooperation Agency	 Reli Assets Holding Company (RAHCO), Tanzania	PADECO Co., Ltd., Nippon Koei Co., Ltd., Japan International Consultants for Transportation Co., Ltd., and Fukken Engineering Co., Ltd.		Preparatory Survey on Flood Protection Measures for Central Railway Line in the United Republic of Tanzania	PLAN OF FLOOD PROTECTION MEASURES (7/14) Scale: 1/20000	

PLAN OF FLOOD PROTECTION MEASURES (8/14)
Scale: 1/20000

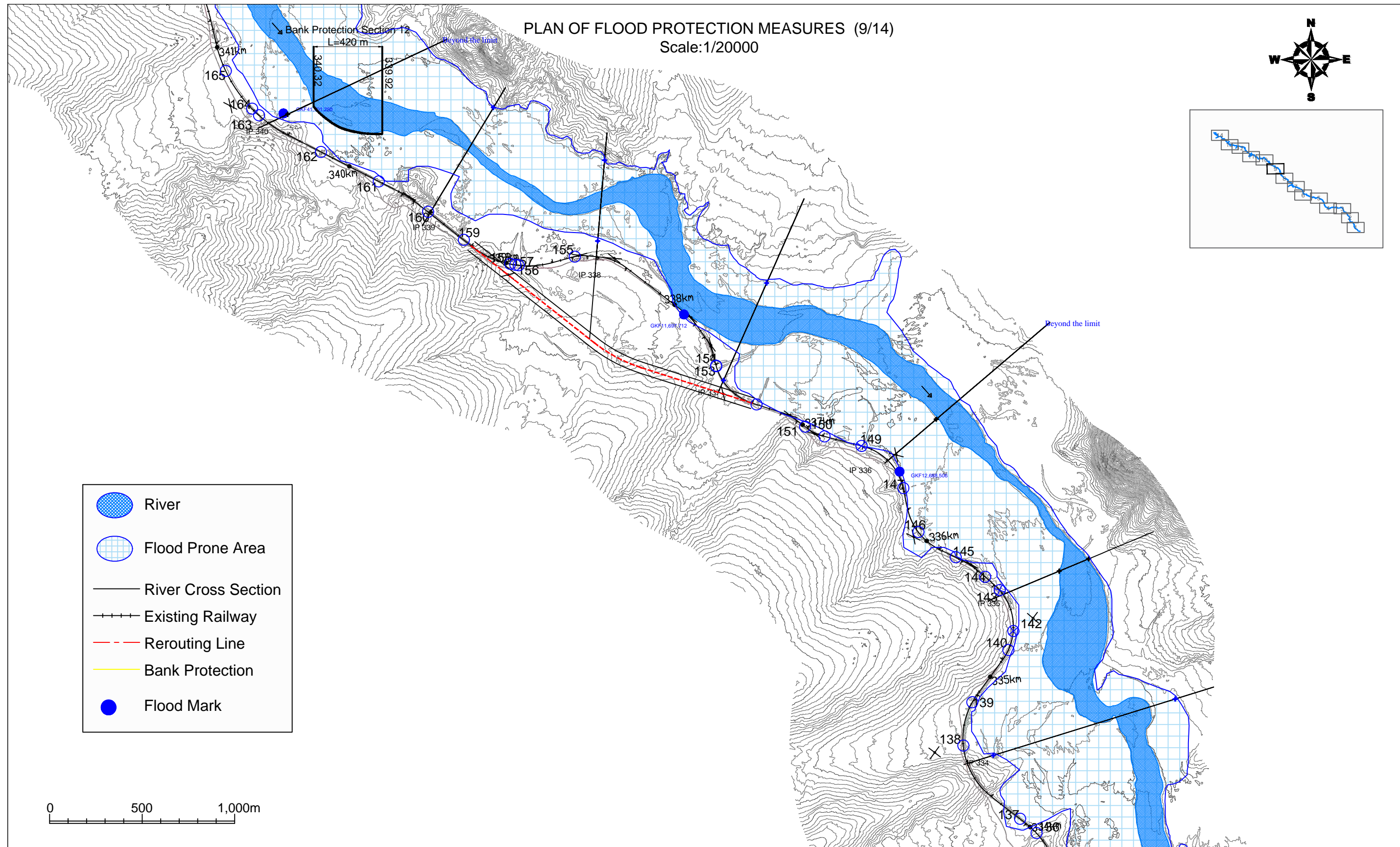
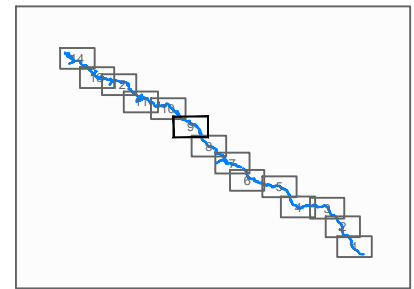
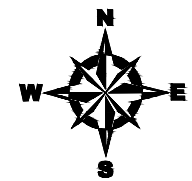


-  River
-  Flood Prone Area
-  River Cross Section
-  Existing Railway
-  Rerouting Line
-  Bank Protection
-  Flood Mark

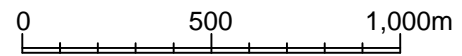


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 JAPAN International Cooperation Agency	 Reli Assets Holding Company (RAHCO), Tanzania	PADECO Co., Ltd., Nippon Koei Co., Ltd., Japan International Consultants for Transportation Co., Ltd., and Fukken Engineering Co., Ltd.	Preparatory Survey on Flood Protection Measures for Central Railway Line in the United Republic of Tanzania	PLAN OF FLOOD PROTECTION MEASURES (8/14) Scale: 1/20000	

PLAN OF FLOOD PROTECTION MEASURES (9/14)
Scale: 1/20000

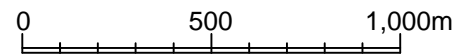
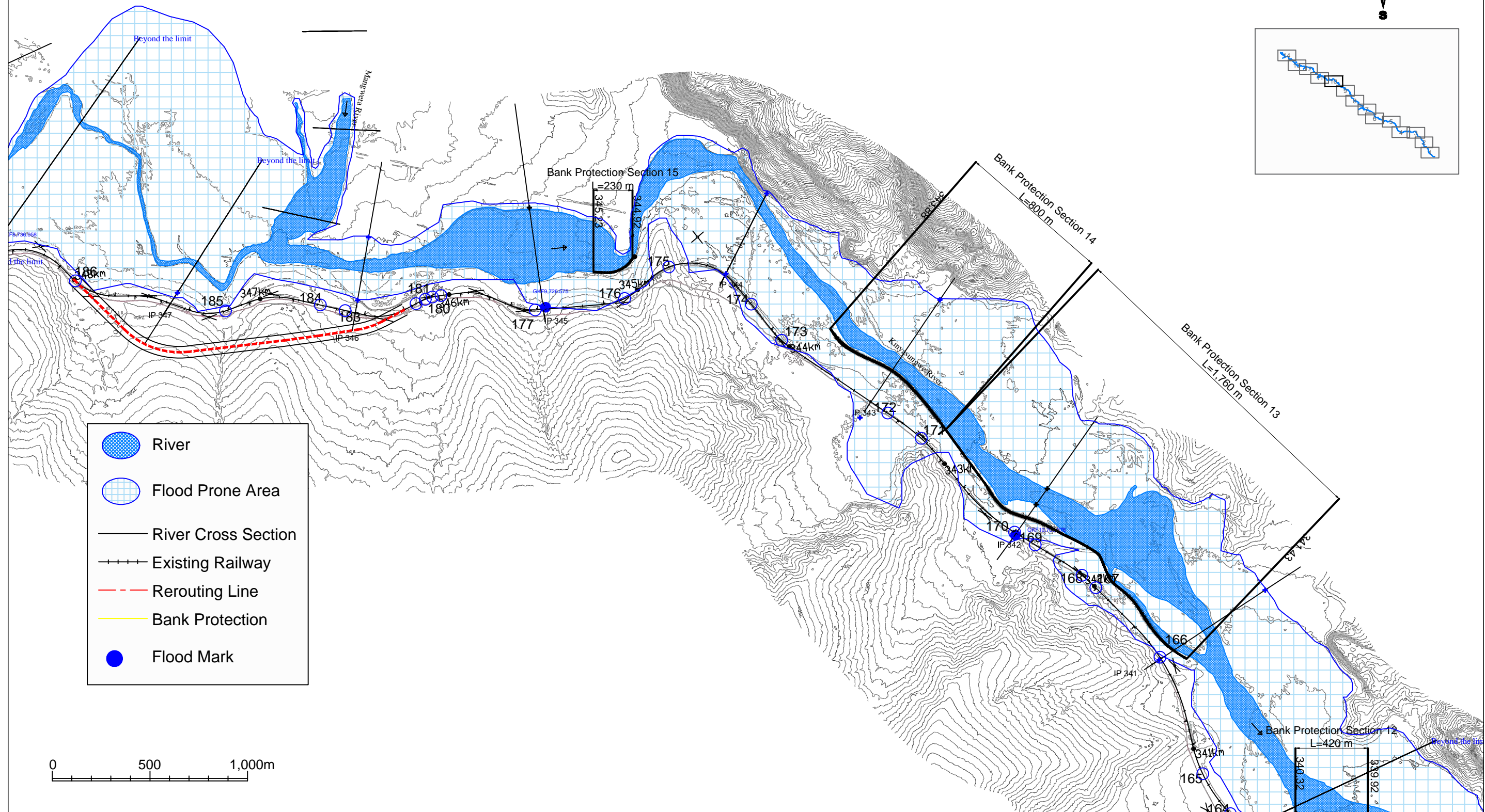
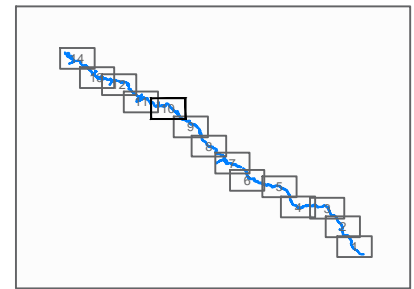
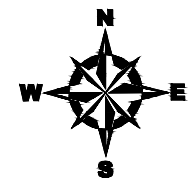


- River
- Flood Prone Area
- River Cross Section
- Existing Railway
- Rerouting Line
- Bank Protection
- Flood Mark

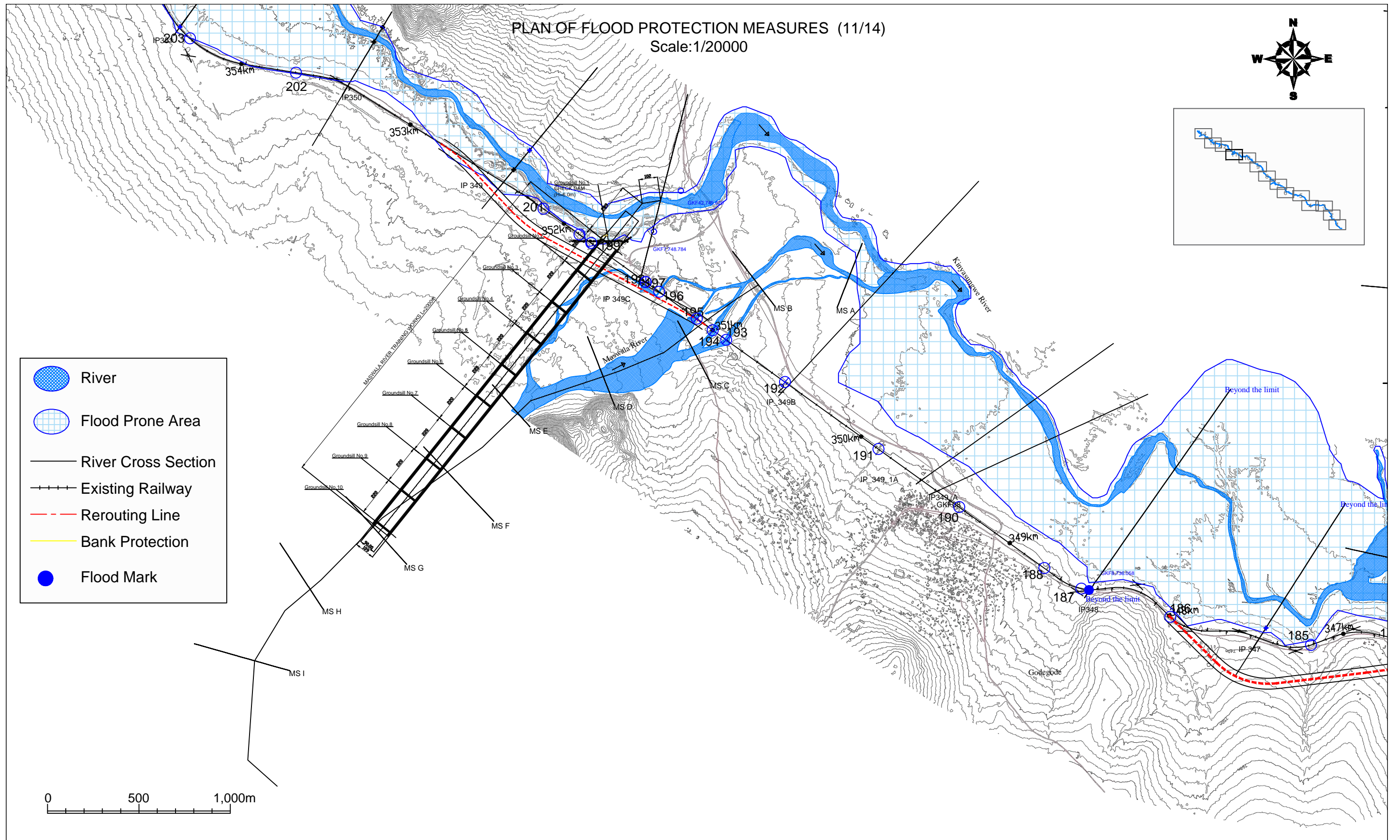


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JAPAN International Cooperation Agency	Reli Assets Holding Company (RAHCO), Tanzania	PADECO Co., Ltd., Nippon Koei Co., Ltd., Japan International Consultants for Transportation Co., Ltd., and Fukken Engineering Co., Ltd.	Preparatory Survey on Flood Protection Measures for Central Railway Line in the United Republic of Tanzania	PLAN OF FLOOD PROTECTION MEASURES (9/14) Scale: 1/20000	

PLAN OF FLOOD PROTECTION MEASURES (10/14)
Scale: 1/20000

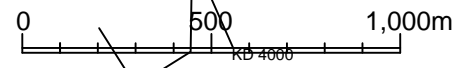
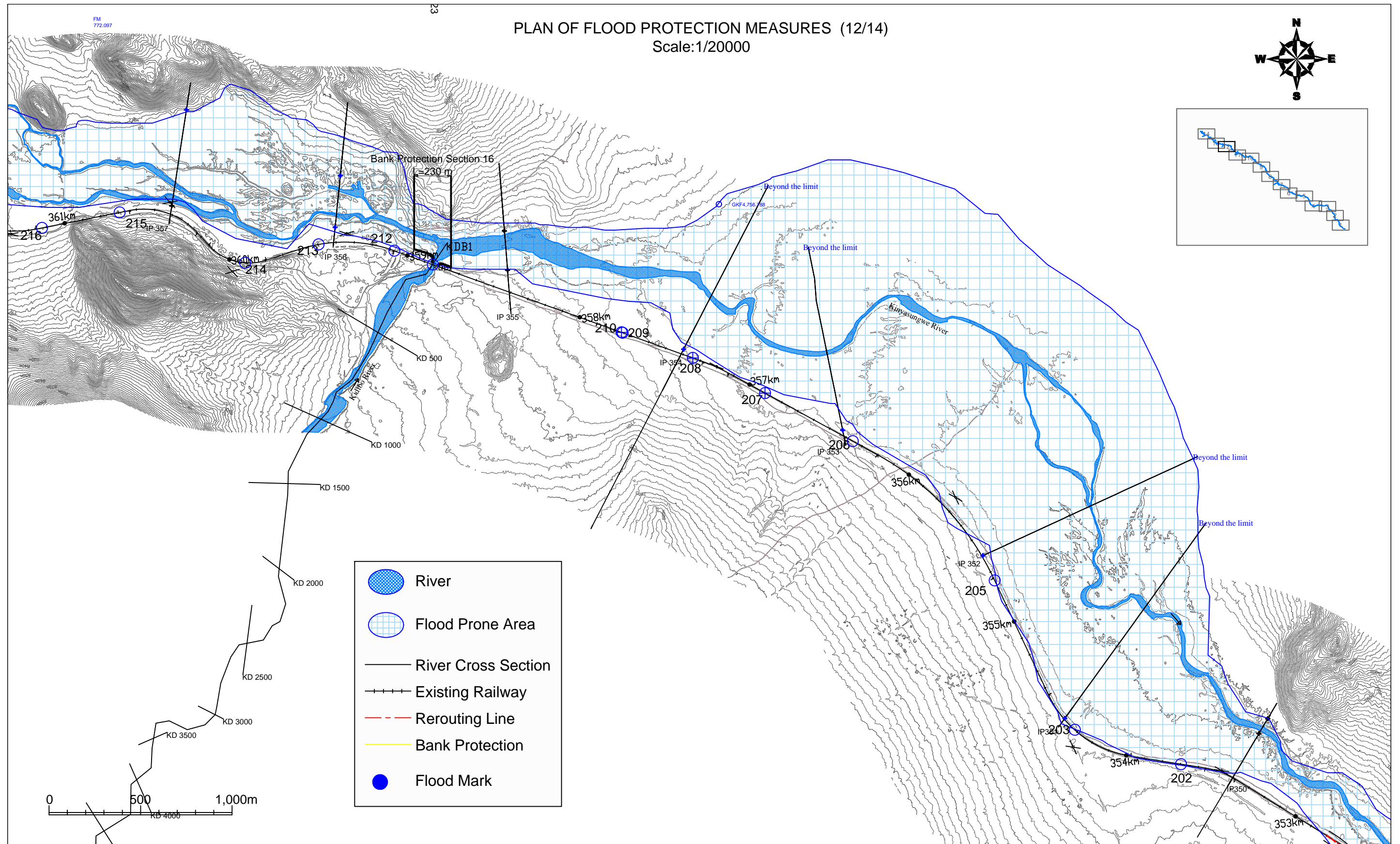
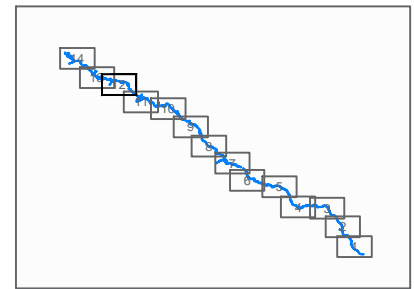
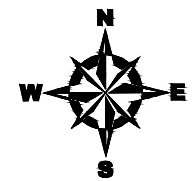


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JAPAN International Cooperation Agency	Reli Assets Holding Company (RAHCO), Tanzania	PADECO Co., Ltd., Nippon Koei Co., Ltd., Japan International Consultants for Transportation Co., Ltd., and Fukken Engineering Co., Ltd.	Preparatory Survey on Flood Protection Measures for Central Railway Line in the United Republic of Tanzania	PLAN OF FLOOD PROTECTION MEASURES (10/14) Scale: 1/20000	

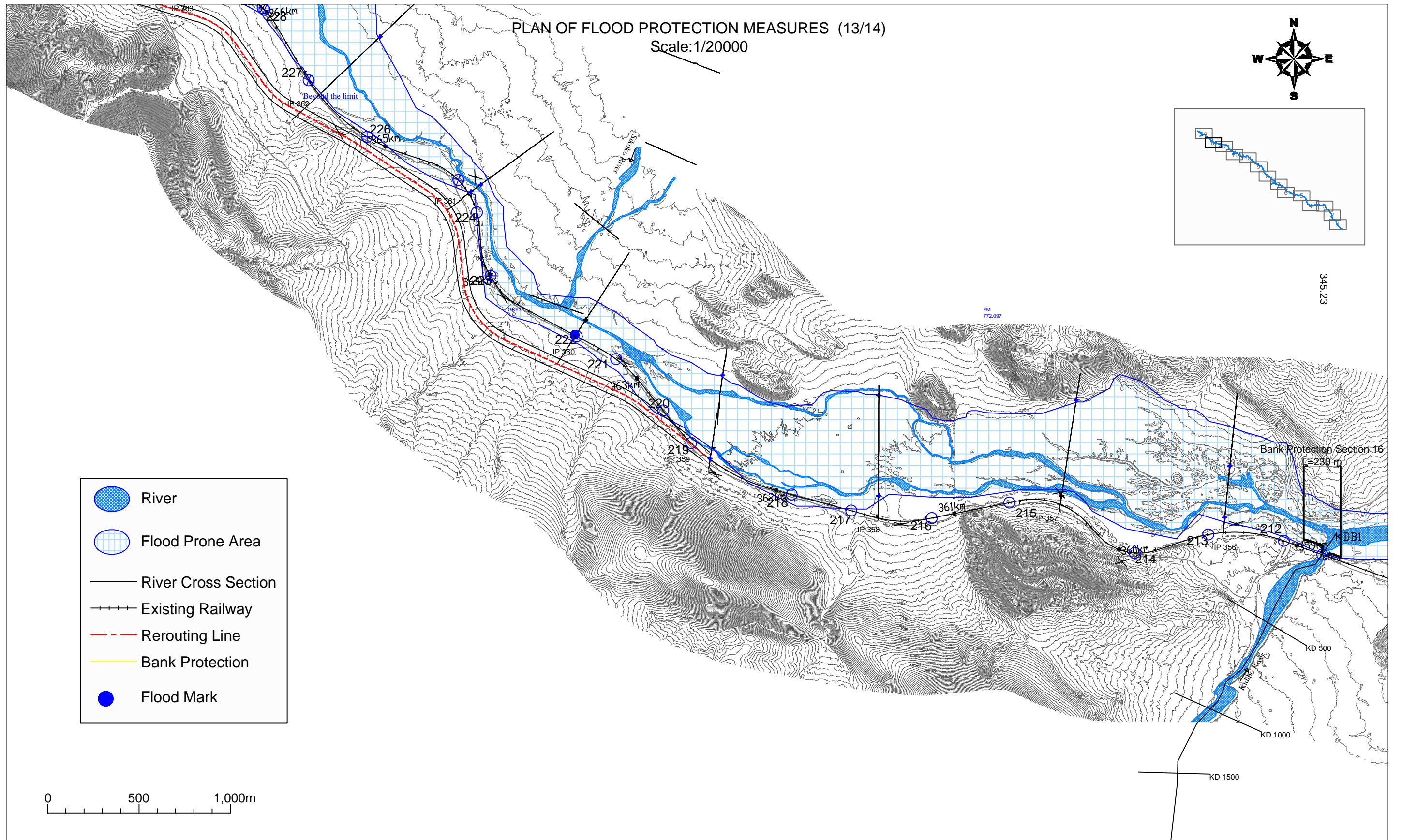









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<p>JAPAN International Cooperation Agency</p>	<p>Reli Assets Holding Company (RAHCO), Tanzania</p>	<p>PADECO Co., Ltd., Nippon Koei Co., Ltd., Japan International Consultants for Transportation Co., Ltd., and Fukken Engineering Co., Ltd.</p>	<p>Preparatory Survey on Flood Protection Measures for Central Railway Line in the United Republic of Tanzania</p>	<p>PLAN OF FLOOD PROTECTION MEASURES (11/14) Scale: 1/20000</p>	

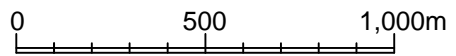
PLAN OF FLOOD PROTECTION MEASURES (12/14)
Scale:1/20000



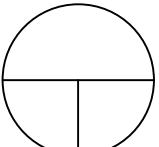


GOVERNMENT AGENCIES:		JICA STUDY TEAM:	PROJECT & LOCATION:	SHEET CONTENTS:	DWG NUM
JAPAN International Cooperation Agency	Reli Assets Holding Company (RAHCO), Tanzania	PADECO Co., Ltd., Nippon Koei Co., Ltd., Japan International Consultants for Transportation Co., Ltd., and Fukken Engineering Co., Ltd.	Preparatory Survey on Flood Protection Measures for Central Railway Line in the United Republic of Tanzania	PLAN OF FLOOD PROTECTION MEASURES (12/14) Scale:1/20000	

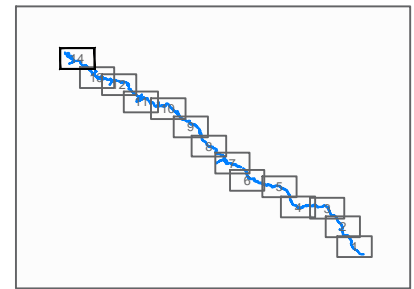
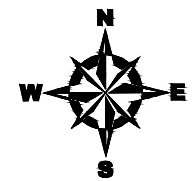









-  River
-  Flood Prone Area
-  River Cross Section
-  Existing Railway
-  Rerouting Line
-  Bank Protection
-  Flood Mark

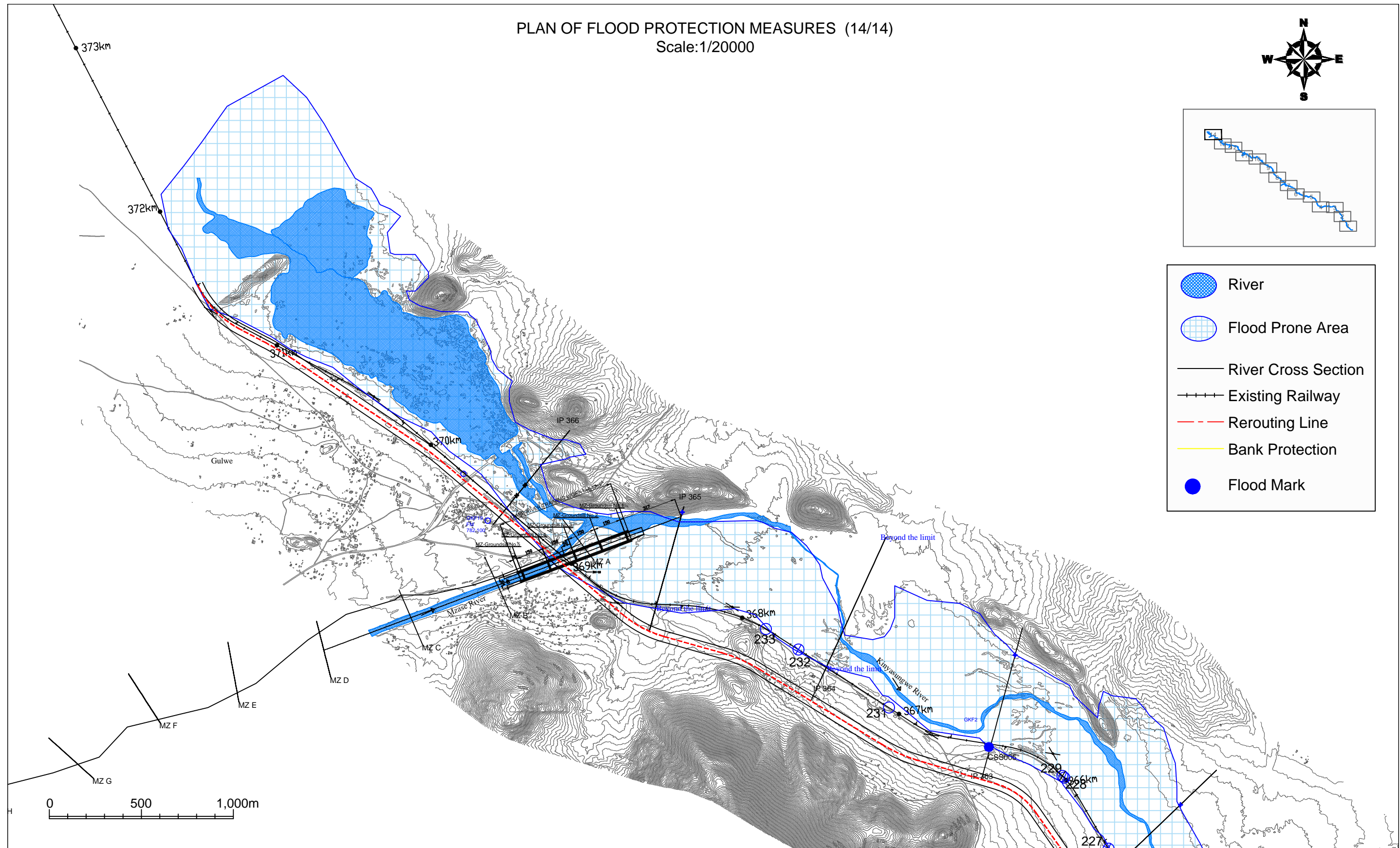




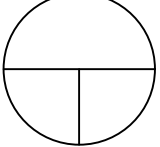
GOVERNMENT AGENCIES:		JICA STUDY TEAM:	PROJECT & LOCATION:	SHEET CONTENTS:	DWG NUM
 JAPAN International Cooperation Agency	 Reli Assets Holding Company (RAHCO), Tanzania	PADECO Co., Ltd., Nippon Koei Co., Ltd., Japan International Consultants for Transportation Co., Ltd., and Fukken Engineering Co., Ltd.	Preparatory Survey on Flood Protection Measures for Central Railway Line in the United Republic of Tanzania	PLAN OF FLOOD PROTECTION MEASURES (13/14) Scale:1/20000	

PLAN OF FLOOD PROTECTION MEASURES (14/14)
Scale: 1/20000



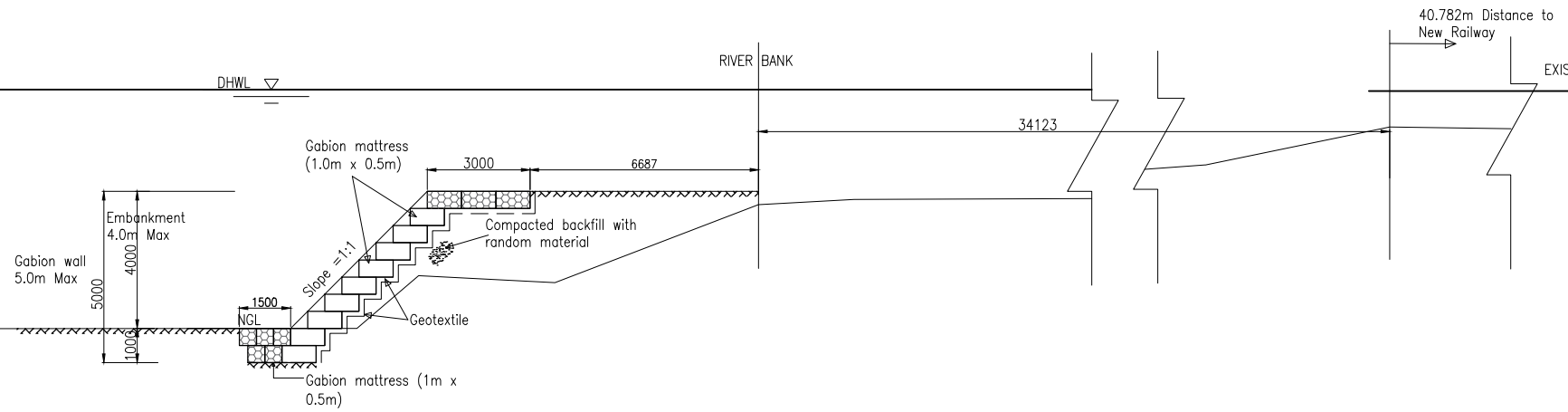
-  River
-  Flood Prone Area
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-  Flood Mark



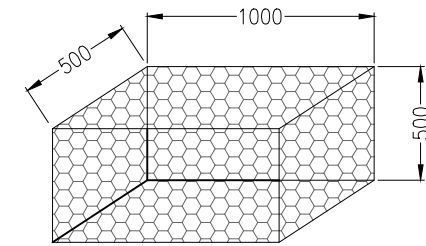
GOVERNMENT AGENCIES:		JICA STUDY TEAM:		PROJECT & LOCATION:	SHEET CONTENTS:	DWG NUM
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TYPICAL CROSS SECTION OF BANK PROTECTION WORKS

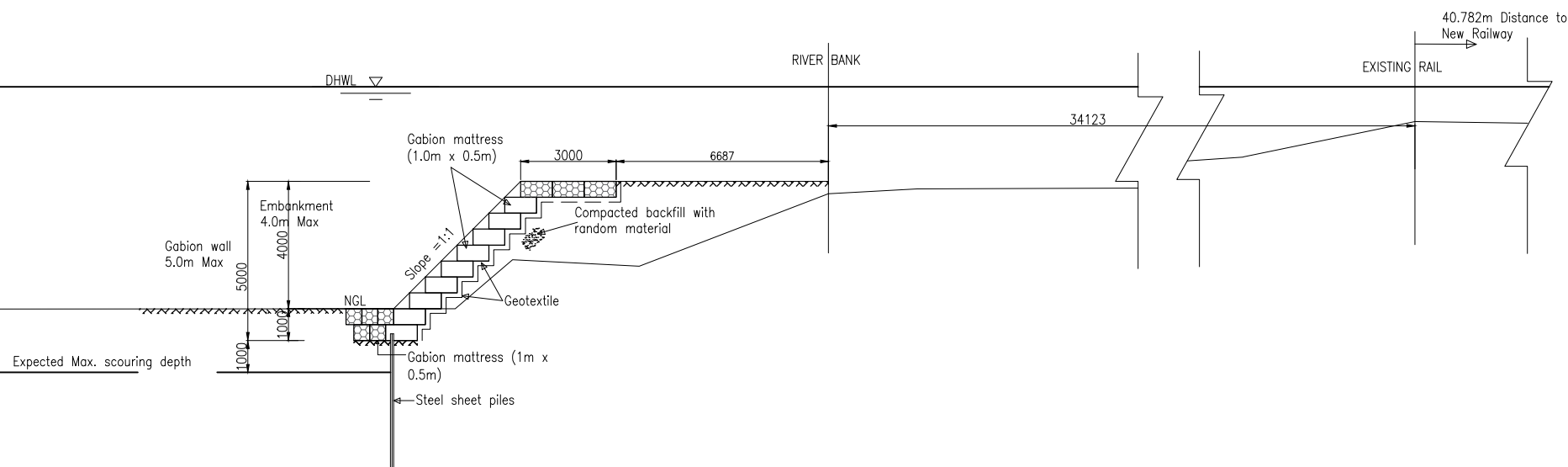
GABION MATTRESS
SCALE: 1:200



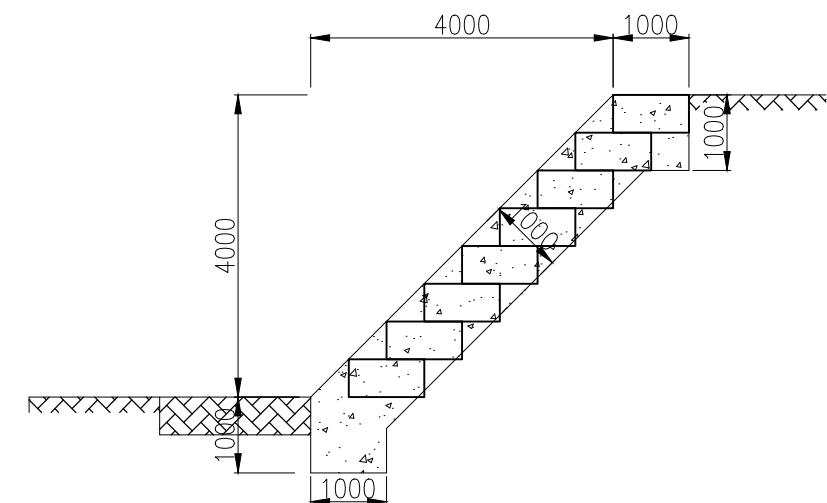
DETAILS - GABION MATTRES (1m x 0.5m x 0.5m)
SCALE: 1:100



GABION MATTRESS WITH SHEET PILE
SCALE: 1:200



SIDE PROTECTION TO GABIONS
SCALE: 1:100



GOVERNMENT AGENCIES:



JAPAN International
Cooperation Agency



Reli Assets Holding
Company (RAHCO),
Tanzania

JICA STUDY TEAM:

PADECO Co., Ltd.,
Nippon Koei Co., Ltd.,
Japan International Consultants
for Transportation Co., Ltd., and
Fukken Engineering Co., Ltd.

PROJECT & LOCATION:

Preparatory Survey on
Flood Protection
Measures for Central
Railway Line in the United
Republic of Tanzania

SHEET CONTENTS:

DWG NUM

