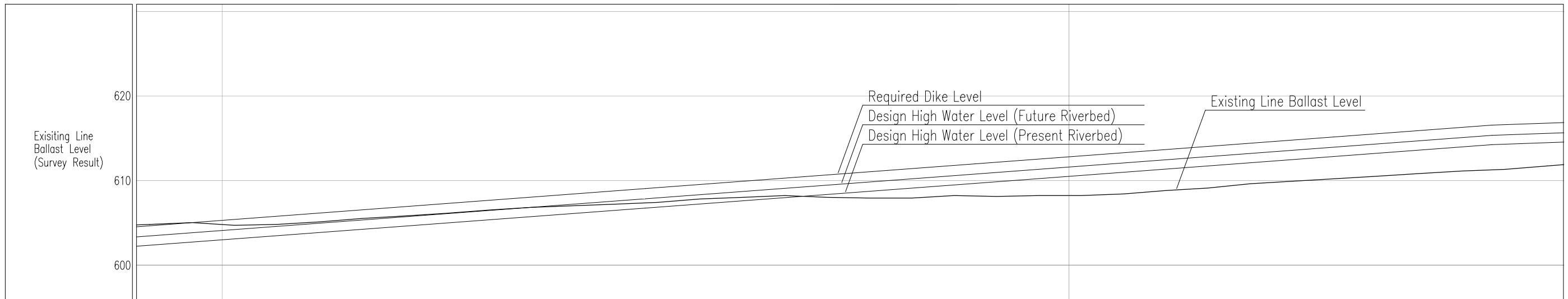
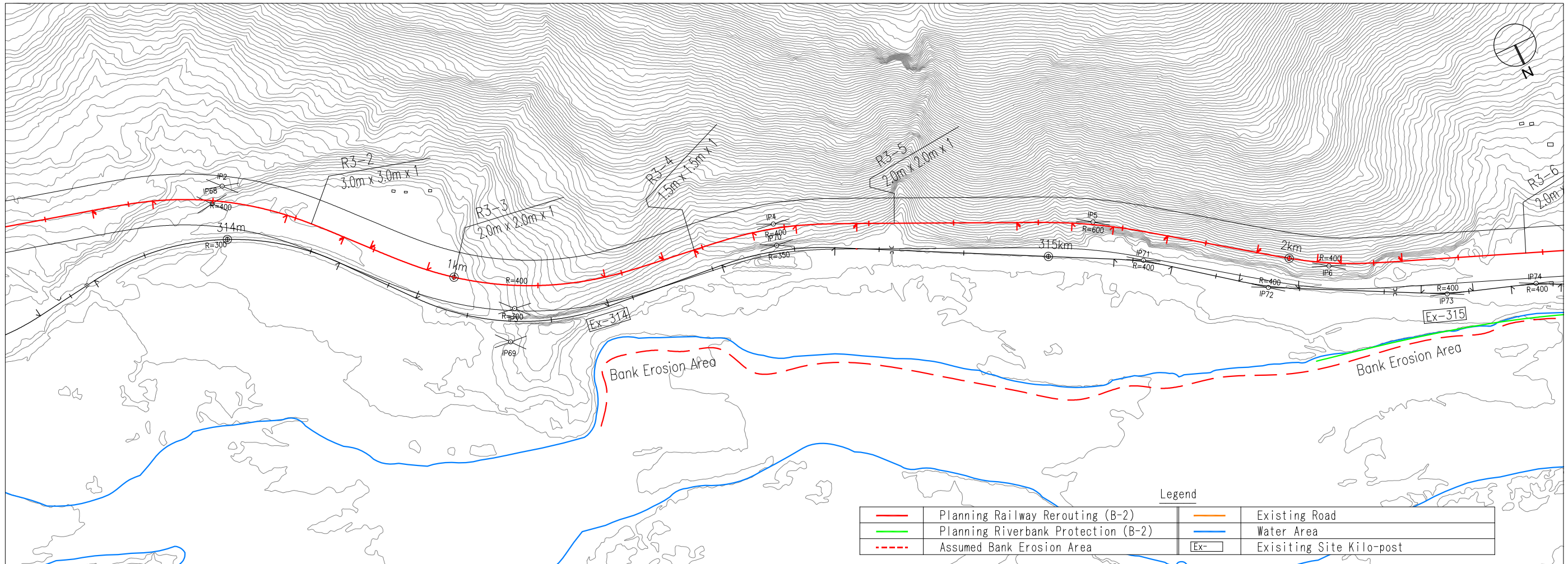


Existing Railway Line

A1[H=1:2,500 V=1:250] A3[H=1:5,000 V=1:500]



Existing Line Ballast Level (Survey Result)	604.82	604.90	604.98	604.91	604.79	604.71	604.75	604.79	604.89	605.01	605.14	605.30	605.46	605.59	605.71	605.83	605.95	606.07	606.22	606.38	606.53	606.65	606.77	606.86	606.94	607.02	607.10	607.18	607.26	607.34	607.44	607.60	607.76	607.86	607.94	608.02	608.10	608.18	608.14	608.06	607.99	607.95	607.91	607.90	607.90	607.93	608.05	608.17	608.17	608.13	608.11	608.15	608.19	608.20	608.20	608.22	608.30	608.38	608.52	608.68	608.83	608.95	609.07	609.25	609.45	609.63	609.75	609.87	609.99	610.11	610.23	610.35	610.47	610.59	610.71	610.83	610.95	611.07	611.16	611.24	611.34	611.50	611.66	611.82																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Existing Line Curvature	R=300m			IP68										R=300m										IP69										R=350m										IP70										R=400m										IP71										R=400m										IP72										R=400m										IP73										R=400m										IP74																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Kilometrage (Re-Setting)	314			1										2										3										4										5										6										7										8										9										315										1										2										3										4										5										6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Kilometrage (Site Kilo Post)	Km314																																																																																																																																																																																																																																																																																																																																													Km315																																																																																																																																																																																																																																																																																																																																												

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

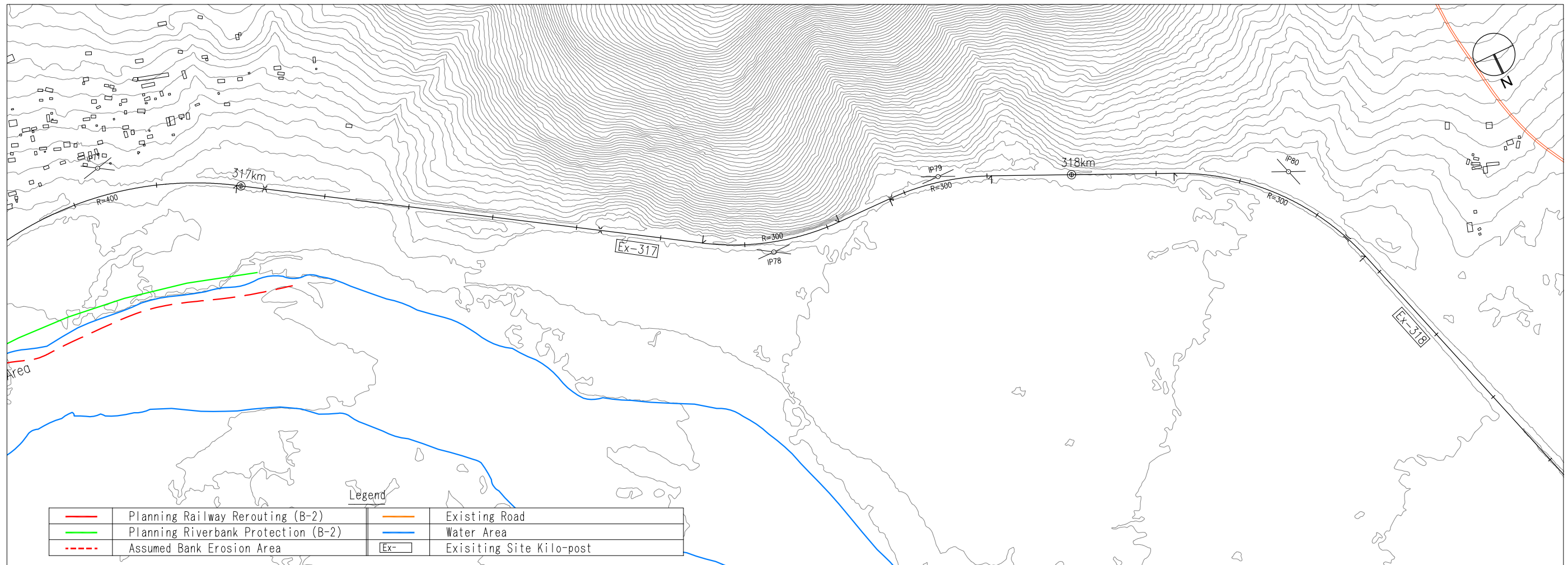
SHEET CONTENTS:

DWG NUM

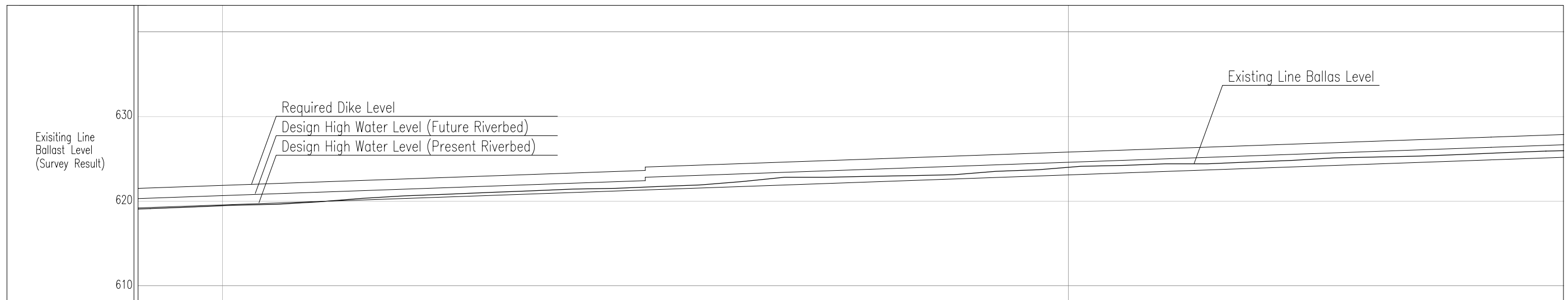
22	60
----	----

Existing Railway Line

A1[H=1:2,500 V=1:250] A3[H=1:5,000 V=1:500]



Legend			
	Planning Railway Rerouting (B-2)		Existing Road
	Planning Riverbank Protection (B-2)		Water Area
	Assumed Bank Erosion Area		Existing Site Kilo-post



Existing Line Ballast Level (Survey Result)	619.12	619.20	619.28	619.36	619.44	619.51	619.55	619.59	619.69	619.81	619.94	620.10	620.26	620.39	620.51	620.62	620.70	620.78	620.86	620.94	621.02	621.10	621.18	621.26	621.34	621.41	621.45	621.49	621.56	621.64	621.72	621.80	621.88	622.02	622.18	622.35	622.55	622.75	622.80	622.80	622.81	622.85	622.89	622.93	622.97	623.01	623.05	623.09	623.22	623.38	623.52	623.60	623.68	623.82	623.98	624.11	624.15	624.19	624.26	624.34	624.40	624.40	624.40	624.46	624.54	624.62	624.70	624.78	624.89	625.01	625.11	625.15	625.19	625.23	625.27	625.32	625.40	625.48	625.56	625.64	625.72	625.80	625.88	625.93
Existing Line Curvature											R=300m										R=300m																																																															
Kilometrage (Re-Setting)	317										318																																																																									
Kilometrage (Site Kilo Post)	Km317										Km318																																																																									

GOVERNMENT AGENCIES:



Japan International Cooperation Agency



Reli Assets Holding Company (RAHCO), Tanzania

JICA STUDY TEAM:

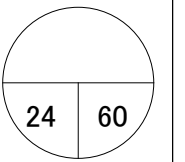
PADECO Co., Ltd.,
Nippon Koei Co., Ltd.,
Japan International Consultants for Transportation Co., Ltd., and
Fukken Engineering Co., Ltd.

PROJECT & LOCATION:

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

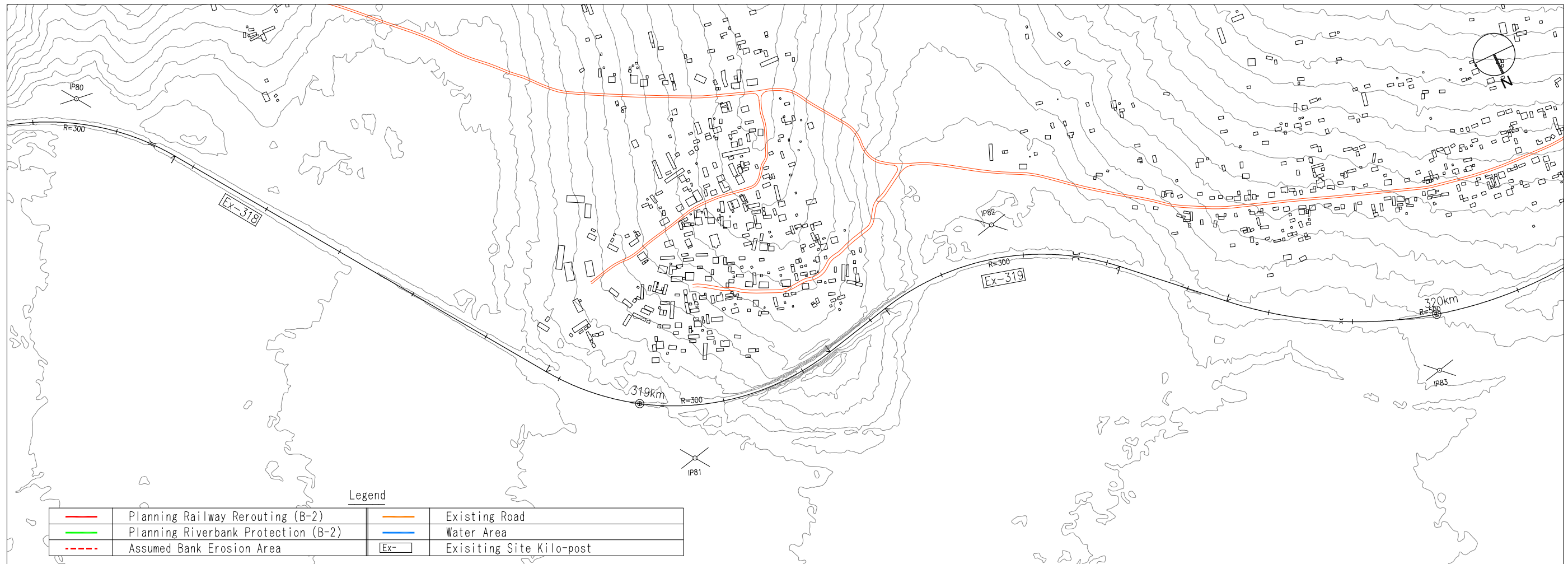
SHEET CONTENTS:

DWG NUM

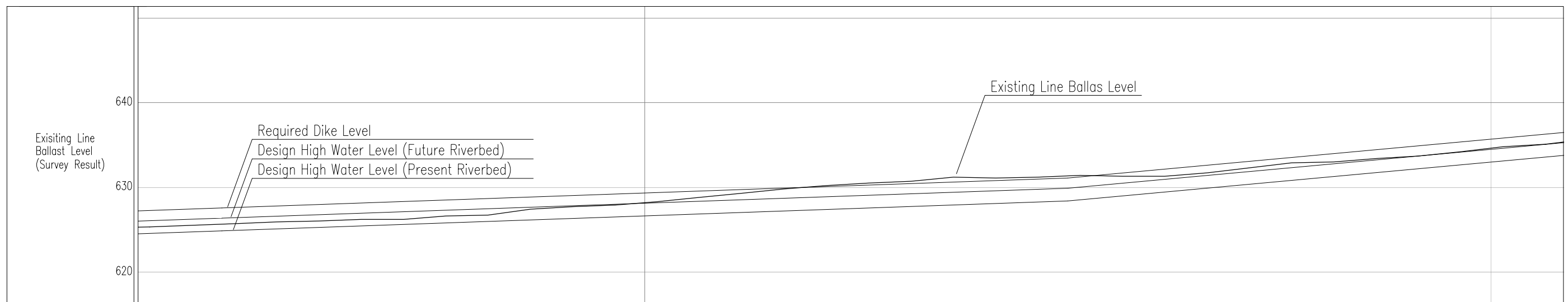


Existing Railway Line

A1[H=1:2,500 V=1:250] A3[H=1:5,000 V=1:500]



Legend			
—	Planning Railway Rerouting (B-2)	—	Existing Road
—	Planning Riverbank Protection (B-2)	—	Water Area
- - -	Assumed Bank Erosion Area	Ex-	Existing Site Kilo-post



Existing Line Ballast Level (Survey Result)	625.32	625.40	625.48	625.56	625.64	625.72	625.80	625.88	625.93	625.97	626.02	626.10	626.18	626.20	626.20	626.24	626.40	626.56	626.63	626.67	626.77	627.05	627.33	627.49	627.61	627.72	627.80	627.88	628.02	628.18	628.35	628.55	628.75	628.95	629.15	629.35	629.55	629.75	629.92	630.08	630.23	630.35	630.47	630.56	630.64	630.75	630.95	631.15	631.17	631.13	631.11	631.15	631.19	631.26	631.34	631.39	631.35	631.31	631.30	631.30	631.34	631.50	631.66	631.88	632.12	632.36	632.60	632.84	632.93	632.97	633.04	633.20	633.36	633.49	633.61	633.75	633.95	634.15	634.38	634.62	634.83	634.95	635.07	635.28	
Existing Line Curvature																															IP81 R=300m					IP82 R=300m					IP83 R=500m																																												
Kilometrage (Re-Setting)																															319					1					2					3					4					5					6					7					8					9					320				
Kilometrage (Site Kilo Post)	Km318																														Km319																																																						

GOVERNMENT AGENCIES:



Japan International Cooperation Agency



Reli Assets Holding Company (RAHCO), Tanzania

JICA STUDY TEAM:

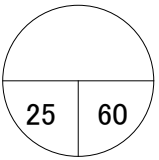
PADECO Co., Ltd.,
Nippon Koei Co., Ltd.,
Japan International Consultants for Transportation Co., Ltd., and
Fukken Engineering Co., Ltd.

PROJECT & LOCATION:

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

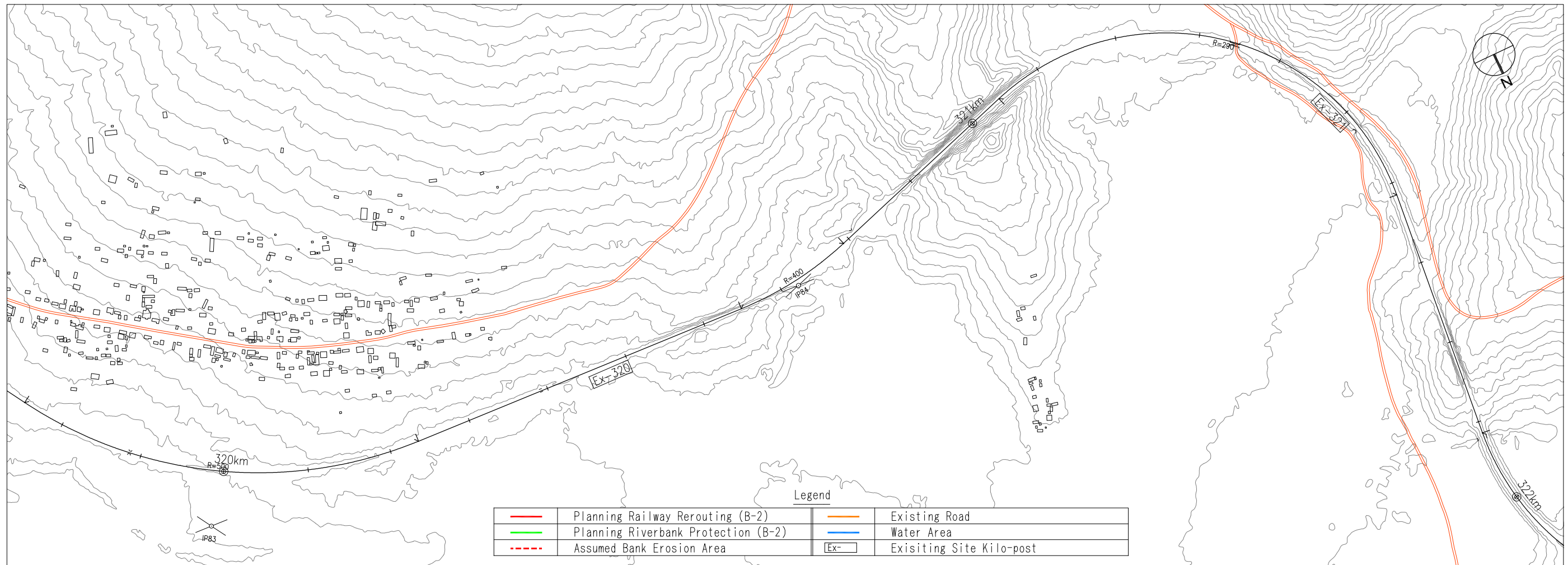
SHEET CONTENTS:

DWG NUM

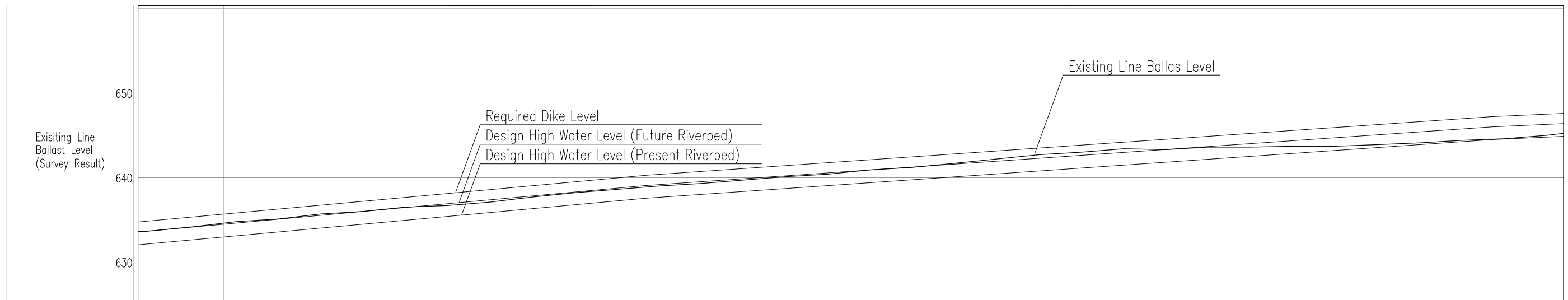


Existing Railway Line

A1[H=1:2,500 V=1:250] A3[H=1:5,000 V=1:500]



Legend			
—	Planning Railway Rerouting (B-2)	—	Existing Road
—	Planning Riverbank Protection (B-2)	—	Water Area
- - -	Assumed Bank Erosion Area	[Ex-]	Existing Site Kilo-post



Existing Line Ballast Level (Survey Result)	633.75	633.95	634.15	634.38	634.62	634.83	634.95	635.07	635.28	635.52	635.73	635.85	635.97	636.15	636.35	636.52	636.60	636.68	636.82	636.98	637.16	637.40	637.64	637.85	638.05	638.24	638.40	638.56	638.72	638.88	639.03	639.15	639.27	639.42	639.58	639.74	639.90	640.06	640.19	640.31	640.45	640.65	640.85	640.99	641.11	641.25	641.45	641.65	641.85	642.05	642.25	642.45	642.65	642.79	642.91	643.04	643.20	643.36	643.37	643.33	643.33	643.45	643.57	643.60	643.60	643.61	643.65	643.69	643.70	643.72	643.80	643.88	643.96	644.04	644.13	644.25	644.37	644.46	644.54	644.64	644.80	644.96	645.18
Existing Line Curvature	IP83 R=500m										IP84 R=400m										R=290m						IP85																																																								
Kilometrage (Re-Setting)	320										1										2						3						4						5																																												
Kilometrage (Site Kilo Post)	320										Km320										321						Km321																																																								

GOVERNMENT AGENCIES:



Reli Assets Holding Company (RAHCO), Tanzania

JICA STUDY TEAM:

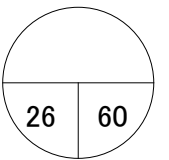
PADECO Co., Ltd.,
Nippon Koei Co., Ltd.,
Japan International Consultants for Transportation Co., Ltd., and
Fukken Engineering Co., Ltd.

PROJECT & LOCATION:

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

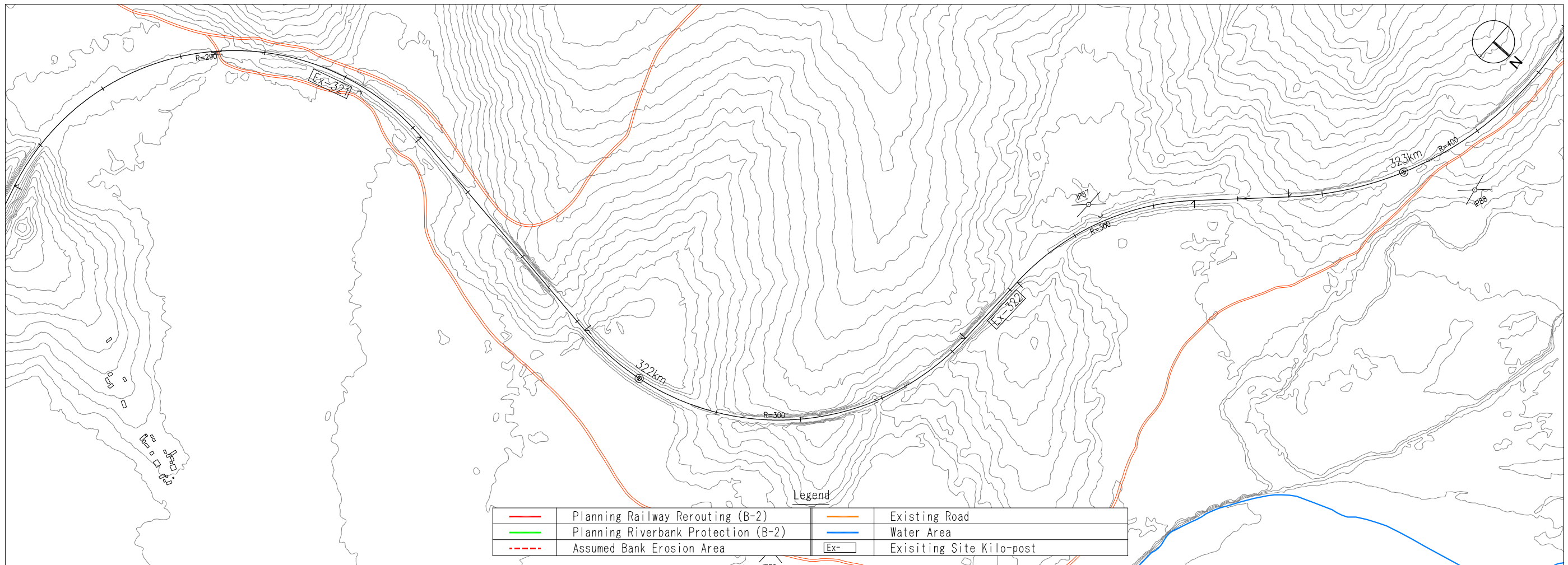
SHEET CONTENTS:

DWG NUM

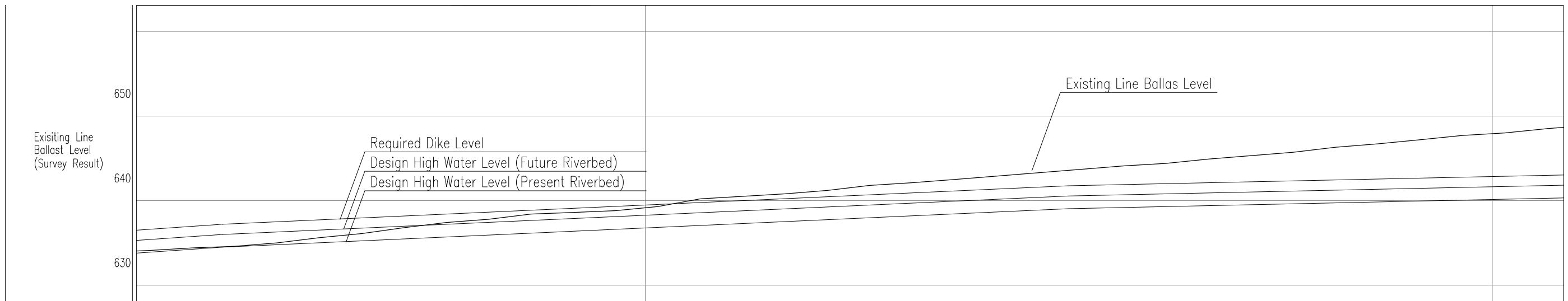


Existing Railway Line

A1[H=1:2,500 V=1:250] A3[H=1:5,000 V=1:500]



Legend			
—	Planning Railway Rerouting (B-2)	—	Existing Road
—	Planning Riverbank Protection (B-2)	—	Water Area
- - -	Assumed Bank Erosion Area	[Ex-]	Existing Site Kilo-post



Existing Line Ballast Level (Survey Result)	644.13 644.25 644.37 644.46 644.54 644.64 644.80 644.96 645.18 645.42 645.65 645.85 646.05 646.31 646.59 646.86 647.10 647.34 647.52 647.68 647.86 648.10 648.34 648.46 648.54 648.62 648.70 648.78 648.95 649.15 649.39 649.75 650.11 650.29 650.41 650.53 650.65 650.77 650.92 651.08 651.26 651.50 651.74 651.89 652.01 652.14 652.30 652.46 652.62 652.78 652.94 653.10 653.26 653.42 653.58 653.74 653.90 654.06 654.19 654.31 654.45 654.65 654.85 655.02 655.18 655.34 655.50 655.66 655.88 656.12 656.34 656.50 656.66 656.85 657.05 657.25 657.45 657.65 657.79 657.91 658.05 658.25 658.45 658.62									
Existing Line Curvature	R=300m		IP86	R=300m		IP87	R=400m		IP88	
Kilometrage (Re-Setting)	6		7	8		9	322		1	
Kilometrage (Site Kilo Post)	Km321		Km322						323	

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

