

Appendix C

Plans of Development

May-2022

Genex Kidston Connection Project - Preliminary Documentation (2021/9060)

CP.02689
GUYBAL MUNJAN TO KIDSTON (K2X)
275KV SINGLE CIRCUIT TRANSMISSION LINE
PLAN AND PROFILE

Conductors: 2 x Phosphorus AAAC 1120

OPGW:
2 x ZTT 17.1mm (Guybal Munjan to GX11; GX329 to K2X)
2 x ZTT 14.0mm (GX11 to GX329)

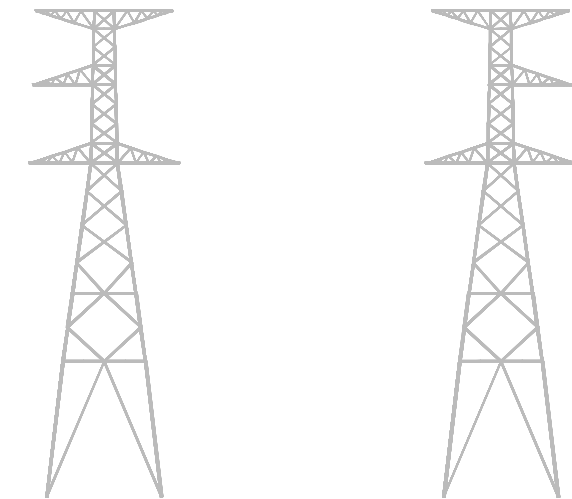
Conductors displayed at Max. Op. temperature of 90°C

OPGW and OHEW displayed at 20°C

Reference System: Horizontal = GDA94 MGA Zone 55
Vertical = AHD

Ground clearance line shown 8.5m Above Ground

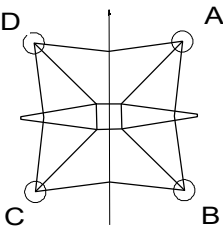
KEY DIAGRAM



NORMAL TOWER ORIENTATION

TRANSPPOSITION TOWER ORIENTATION

LOOKING TOWARDS KIDSTON



TOWER LEGS ORIENTATION

REFERENCE DRAWINGS:

VEGETATION CLEARING: A3-H-156840-102
CIVIL SCHEDULE: A3-H-156840-121
STRINGING SCHEDULE: A3-H-156840-141
PHASING DIAGRAM:A3-H-157883-001

ERGON UNDERCROSSINGS IN SPANS:

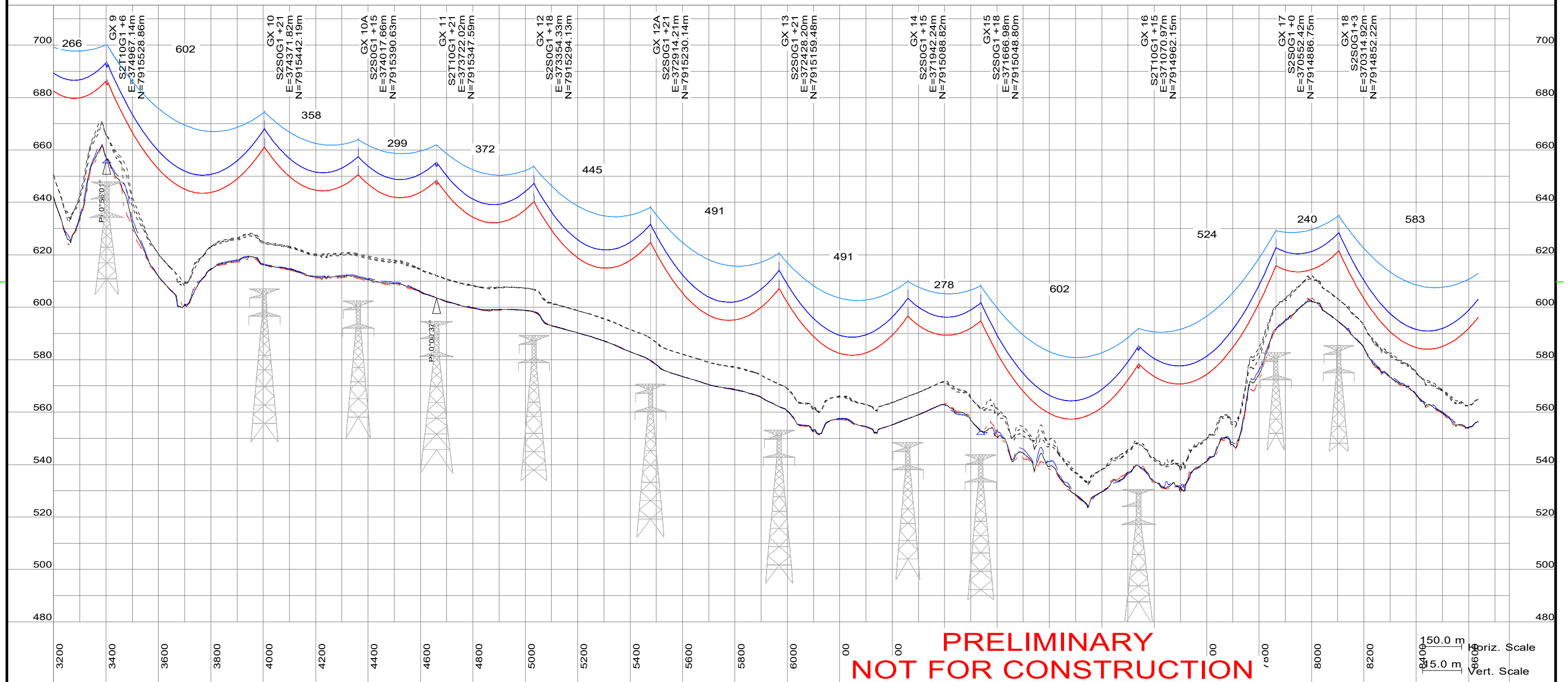
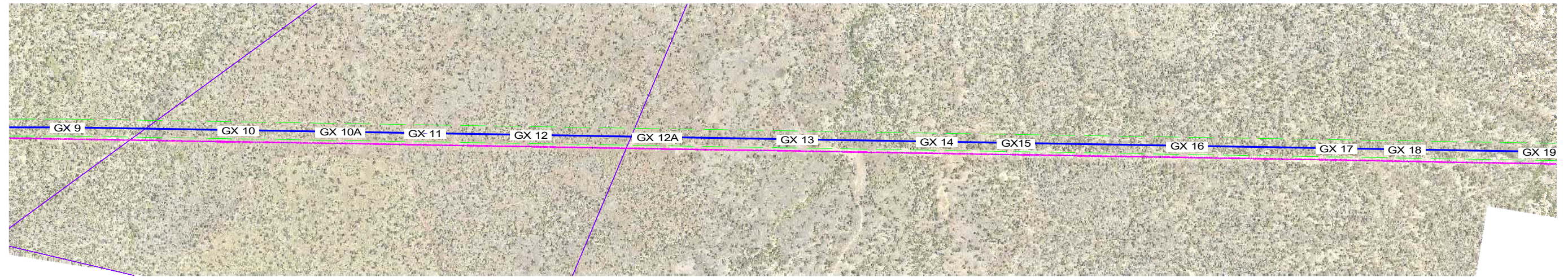
GX100 - GX101
GX122 - GX123
GX147 - GX148
GX161 - GX162
GX172 - GX173
GX257 - GX258
GX269 - GX270
GX336 - GX337
GX337 - GX339

PRELIMINARY
NOT FOR CONSTRUCTION

ORIGINAL ISSUE DATE: 21/02/2022	NOTES: 1. Conductors: 2 x Phosphorus AAAC 1120 2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm 3. Conductors displayed at Max. Op. temperature of 90°C 4. Reference System: Horizontal = GDA94 MGA Zone 55 Vertical = AHD 5. Ground clearance line shown 8.5m Above Ground	DRAWN	PLS-CADD	DESIGN CHECK	C. TENCATE	<i>Powerlink</i> ***** GUYBAL MUNJAN TO KIDSTON (K2X) 275KV SINGLE CIRCUIT TRANSMISSION LINE PLAN AND PROFILE	LOCATION	CONT/ORDER	PROJECT	DRG CLASS							
		CHECKED	C. TENCATE	APP'D ELECTRICAL RPEQ No	L. WORRAL 17433		8918		CP.02689	A0							
		DESIGNED	K. KUFTIN	APP'D STRUCTURAL RPEQ No	A. SHAHINUZZAMAN 5742		A3-H-156840-101				PAGE 1 / 39						
		ORIGIN	PSD				A										
		CIRCULATION															



ORIGINAL ISSUE DATE: 21/02/2022	NOTES: 1. Conductors: 2 x Phosphorus AAAC 1120 2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm 3. Conductors displayed at Max. Op. temperature of 90°C 4. Reference System: Horizontal = GDA94 MGA Zone 55 Vertical = AHD 5. Ground clearance line shown 8.5m Above Ground	DRAWN	PLS-CADD	DESIGN CHECK	C. TENCATE	Powerlink GUYBAL MUNJAN TO KIDSTON (K2X) 275KV SINGLE CIRCUIT TRANSMISSION LINE PLAN AND PROFILE	LOCATION	CONT/ORDER	PROJECT	DRG CLASS					
		CHECKED	C. TENCATE	APP'D ELECTRICAL RPEQ No	L. WORRAL 17433		8918		CP.02689	A0					
		DESIGNED	K. KUFTIN	APP'D STRUCTURAL RPEQ No	A. SHAHINUZZAMAN 5742		A3-H-156840-101				PAGE 2 / 39				
		ORIGIN	PSD												
		CIRCULATION					A								
A															



PRELIMINARY
NOT FOR CONSTRUCTION

[illegible]



283x394 POWERLINK QUEENSLAND IS THE TRADING NAME OF THE QUEENSLAND ELECTRICITY TRANSMISSION CORPORATION LIMITED ACN 078 849 233



ORIGINAL ISSUE

DATE: 21/02/2022

A

NOTES:

1. Conductors: 2 x Phosphorus AAAC 1120
2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm
3. Conductors displayed at Max. Op. temperature of 90°C
4. Reference System: Horizontal = GDA94 MGA Zone 55
Vertical = AHD
5. Ground clearance line shown 8.5m Above Ground

DRAWN

PLS-CADD

DESIGN CHECK

C. TENCATE

CHECKED

C. TENCATE

APP'D ELECTRICAL
RPEQ No

L. WORRAL
17433

DESIGNED

K. KUFTIN

APP'D STRUCTURAL
RPEQ No

A. SHAHINUZZAMAN
5742

ORIGIN

PSD

CIRCULATION

Powerlink
QUEENSLAND

GUYBAL MUNJAN TO KIDSTON (K2X)
275KV SINGLE CIRCUIT TRANSMISSION LINE
PLAN AND PROFILE

LOCATION

8918

CONT/ORDER

PROJECT

CP.02689

DRG CLASS

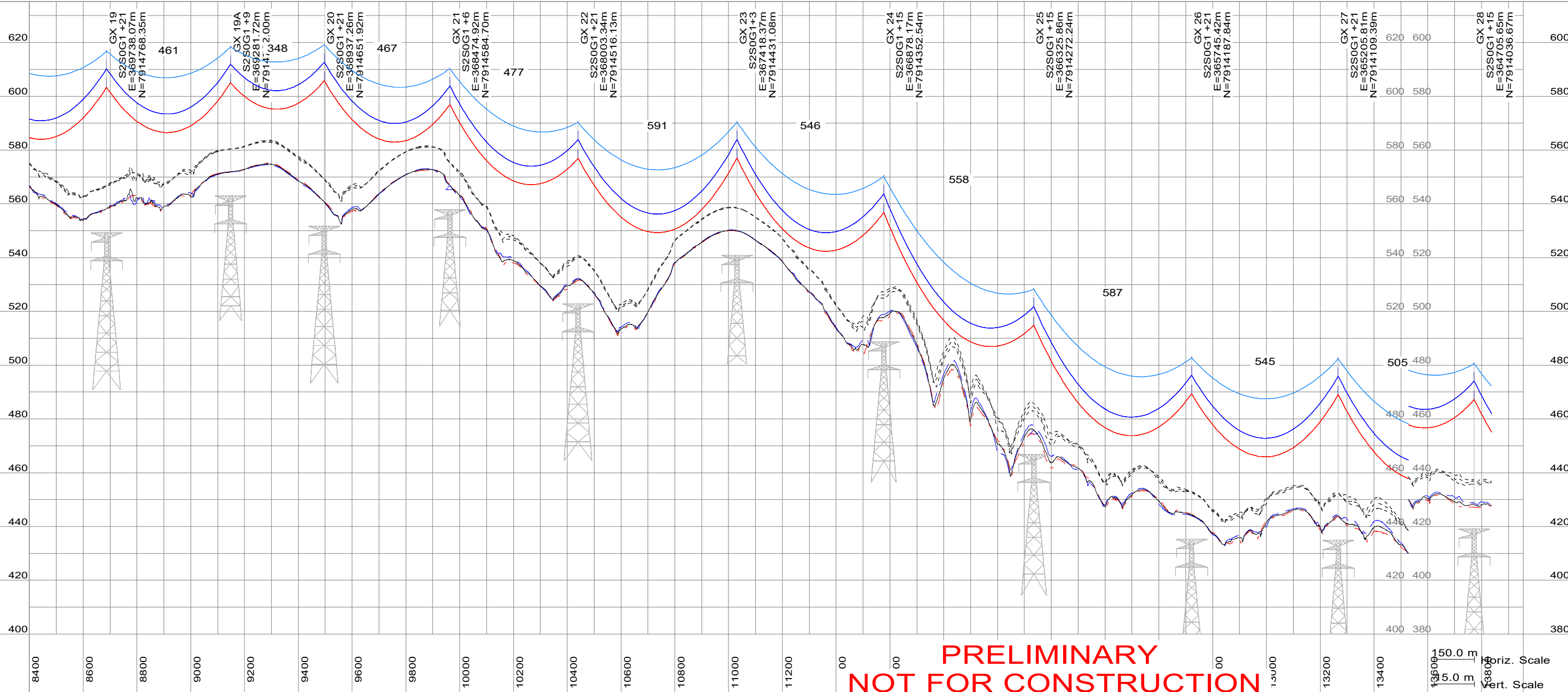
A0

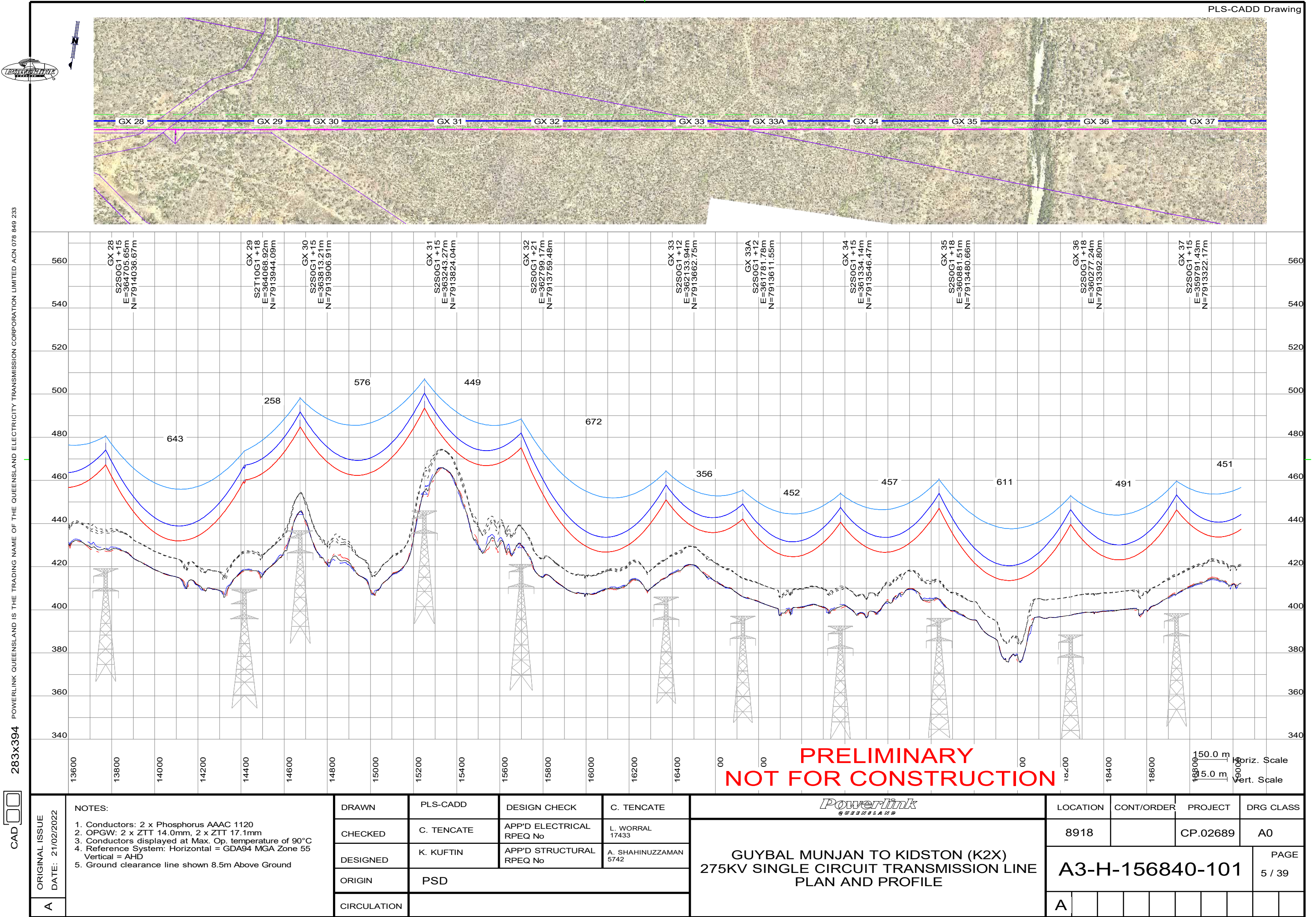
A3-H-156840-101

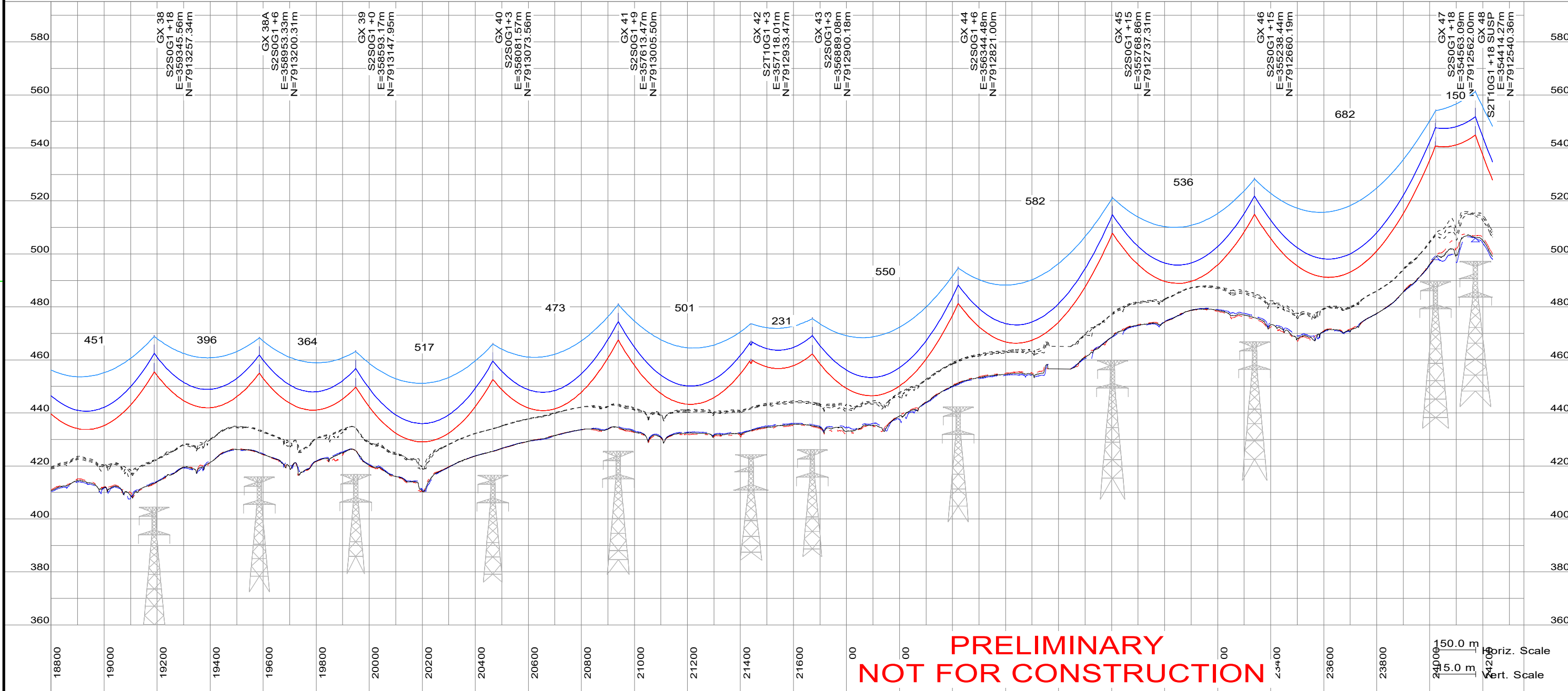
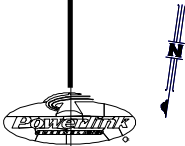
PAGE

4 / 39

A





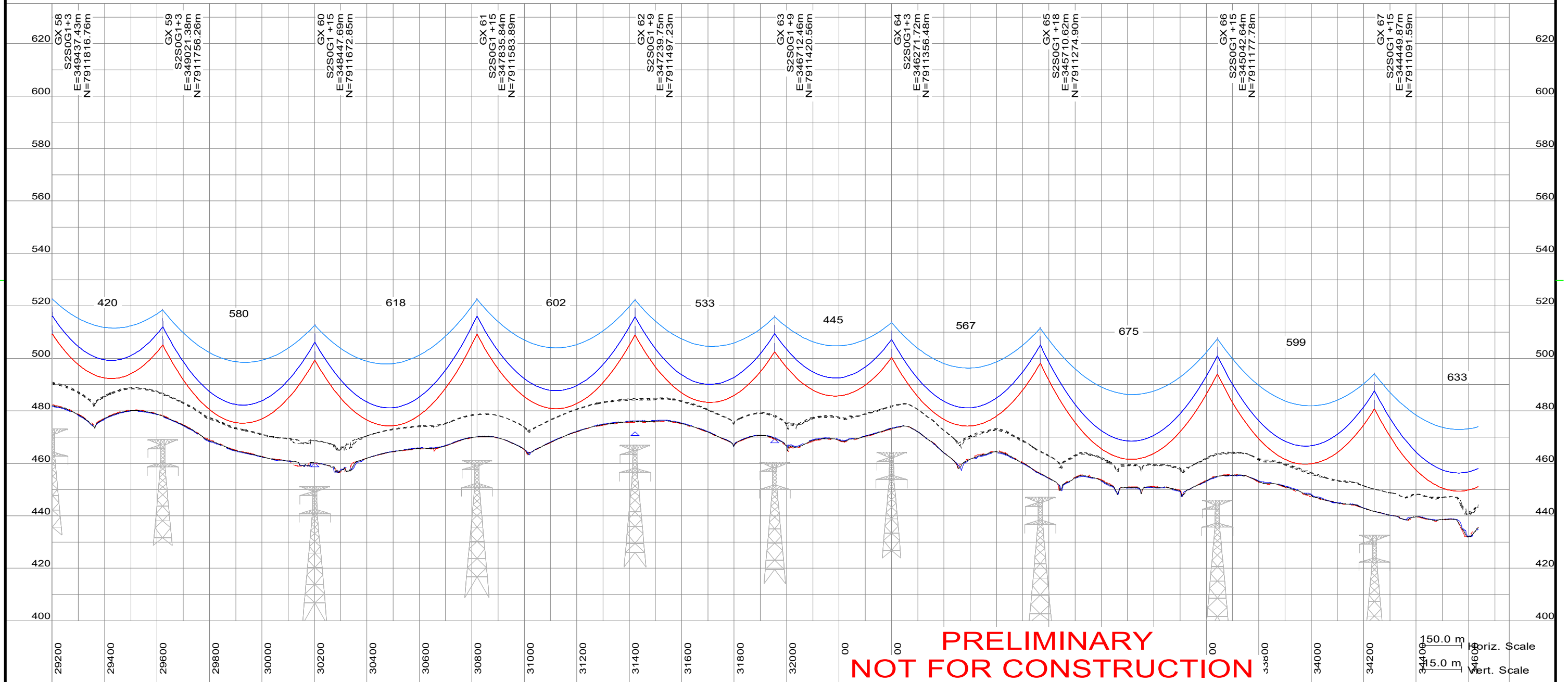


**PRELIMINARY
NOT FOR CONSTRUCTION**

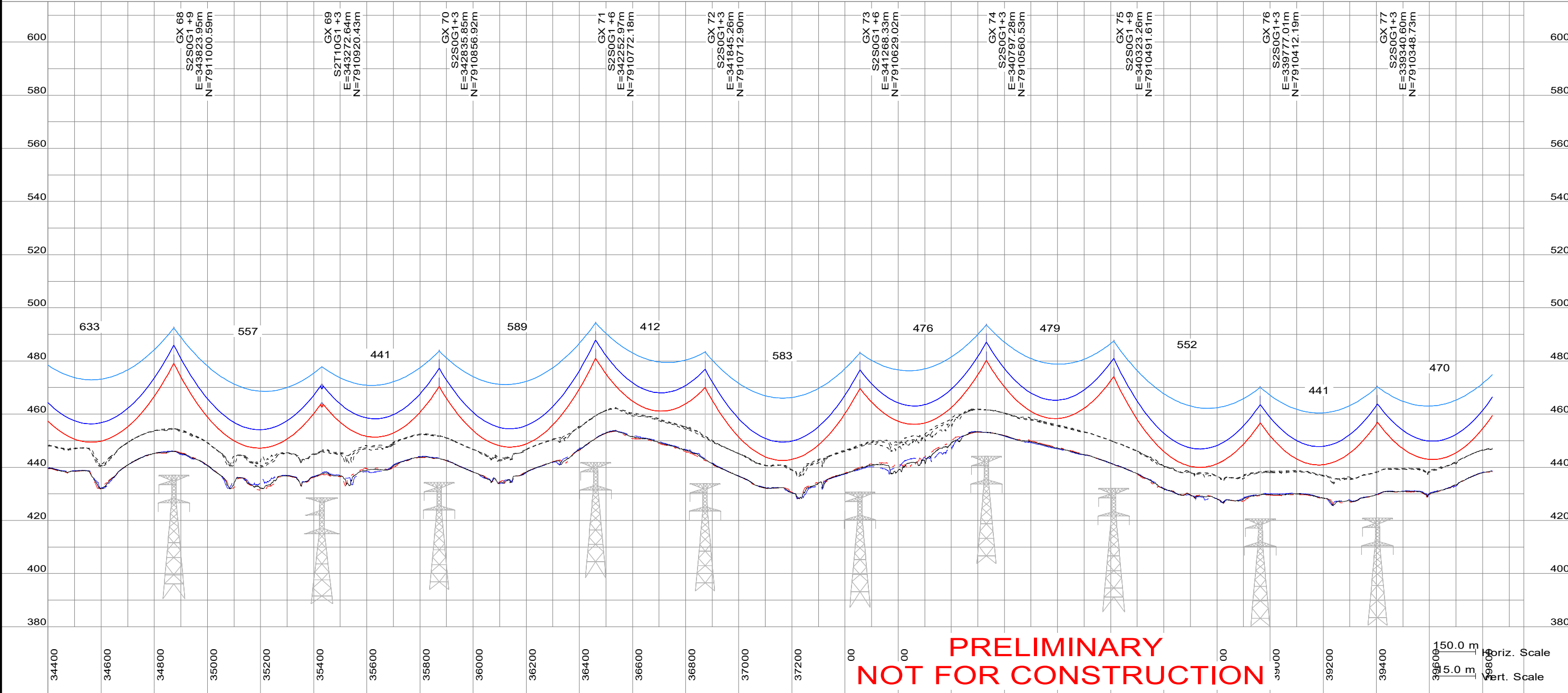
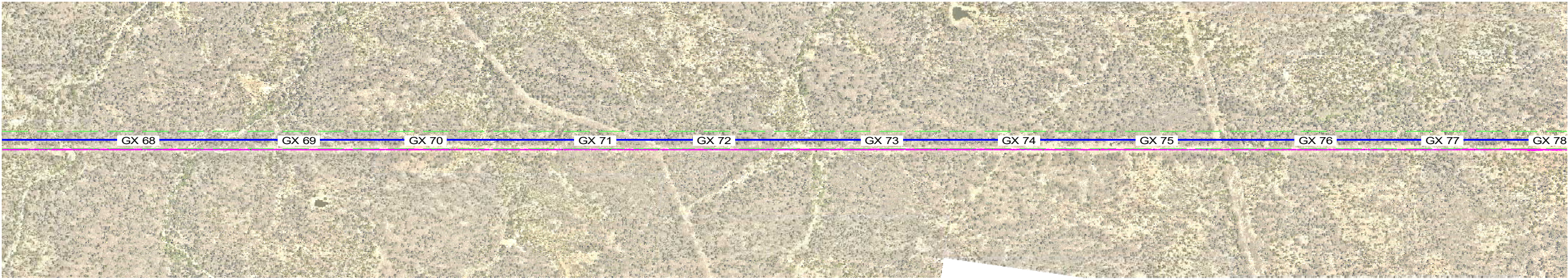
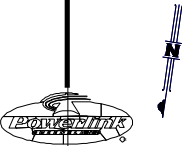
150.0 m
5.0 m
Horiz. Scale
Vert. Scale

ORIGINAL ISSUE DATE: 21/02/2022	NOTES: 1. Conductors: 2 x Phosphorus AAAC 1120 2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm 3. Conductors displayed at Max. Op. temperature of 90°C 4. Reference System: Horizontal = GDA94 MGA Zone 55 Vertical = AHD 5. Ground clearance line shown 8.5m Above Ground	DRAWN	PLS-CADD	DESIGN CHECK	C. TENCATE	Powerlink QUEENSLAND										LOCATION	CONT/ORDER	PROJECT	DRG CLASS
		CHECKED	C. TENCATE	APP'D ELECTRICAL RPEQ No	L. WORRAL 17433	GUYBAL MUNJAN TO KIDSTON (K2X) 275KV SINGLE CIRCUIT TRANSMISSION LINE PLAN AND PROFILE	8918		CP.02689						A0				
		DESIGNED	K. KUFTIN	APP'D STRUCTURAL RPEQ No	A. SHAHINUZZAMAN 5742		A3-H-156840-101										PAGE 6 / 39		
		ORIGIN	PSD																
		CIRCULATION					A												

[illegible]



ORIGINAL ISSUE DATE: 21/02/2022	NOTES: 1. Conductors: 2 x Phosphorus AAAC 1120 2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm 3. Conductors displayed at Max. Op. temperature of 90°C 4. Reference System: Horizontal = GDA94 MGA Zone 55 Vertical = AHD 5. Ground clearance line shown 8.5m Above Ground	DRAWN	PLS-CADD	DESIGN CHECK	C. TENCATE	Powerlink ENGINEERS GUYBAL MUNJAN TO KIDSTON (K2X) 275KV SINGLE CIRCUIT TRANSMISSION LINE PLAN AND PROFILE	LOCATION	CONT/ORDER	PROJECT	DRG CLASS			
		CHECKED	C. TENCATE	APP'D ELECTRICAL RPEQ No	L. WORRAL 17433		8918		CP.02689	A0			
		DESIGNED	K. KUFTIN	APP'D STRUCTURAL RPEQ No	A. SHAHINUZZAMAN 5742		A3-H-156840-101				PAGE 8 / 39		
		ORIGIN	PSD										
		CIRCULATION					A						
A													



283x394 POWERLINK QUEENSLAND IS THE TRADING NAME OF THE QUEENSLAND ELECTRICITY TRANSMISSION CORPORATION LIMITED ACN 078 849 233

CAD

ORIGINAL ISSUE DATE: 21/02/2022 A	NOTES: 1. Conductors: 2 x Phosphorus AAAC 1120 2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm 3. Conductors displayed at Max. Op. temperature of 90°C 4. Reference System: Horizontal = GDA94 MGA Zone 55 Vertical = AHD 5. Ground clearance line shown 8.5m Above Ground	DRAWN	PLS-CADD	DESIGN CHECK	C. TENCATE	Powerlink QUEENSLAND										LOCATION	CONT/ORDER	PROJECT	DRG CLASS						
		CHECKED	C. TENCATE	APP'D ELECTRICAL RPEQ No	L. WORRAL 17433	GUYBAL MUNJAN TO KIDSTON (K2X) 275KV SINGLE CIRCUIT TRANSMISSION LINE PLAN AND PROFILE										8918		CP.02689	A0						
		DESIGNED	K. KUFTIN	APP'D STRUCTURAL RPEQ No	A. SHAHINUZZAMAN 5742											A3-H-156840-101								PAGE 9 / 39	
		ORIGIN	PSD																						
		CIRCULATION																							



283x394 POWERLINK QUEENSLAND IS THE TRADING NAME OF THE QUEENSLAND ELECTRICITY TRANSMISSION CORPORATION LIMITED ACN 078 849 233



ORIGINAL ISSUE
DATE: 21/02/2022

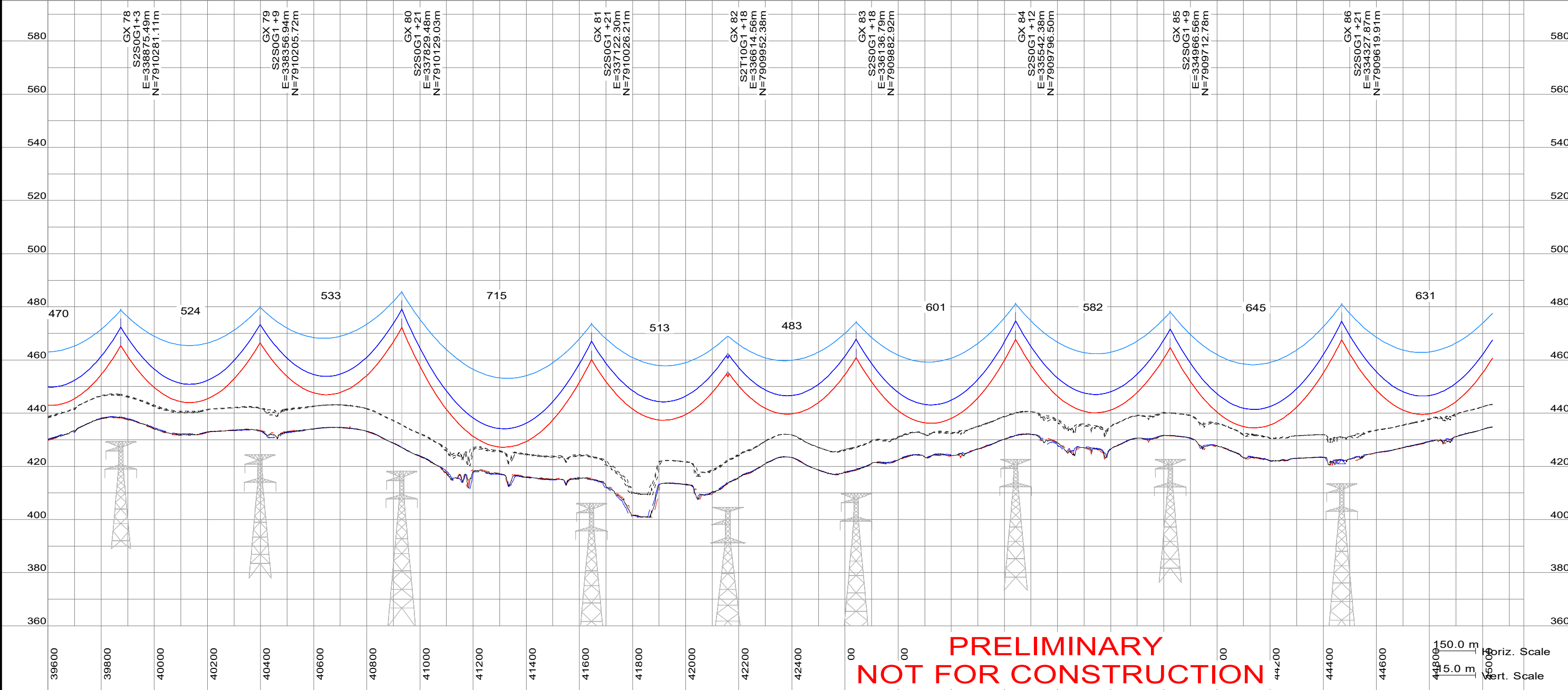
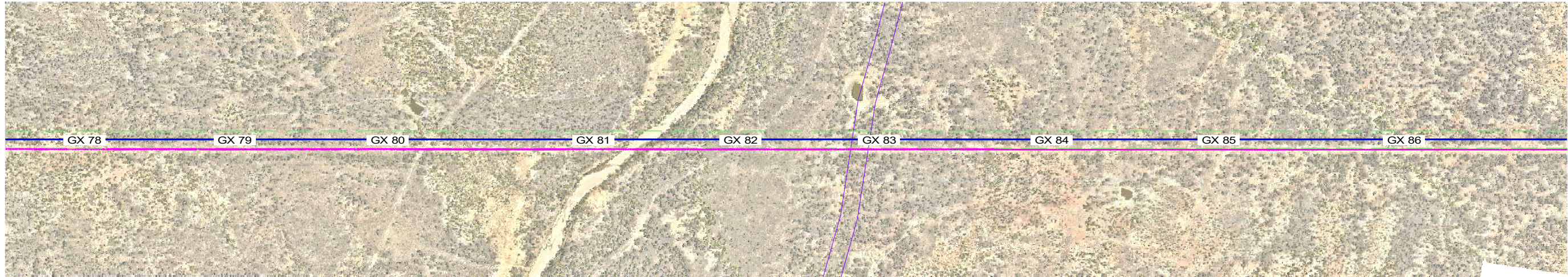
A

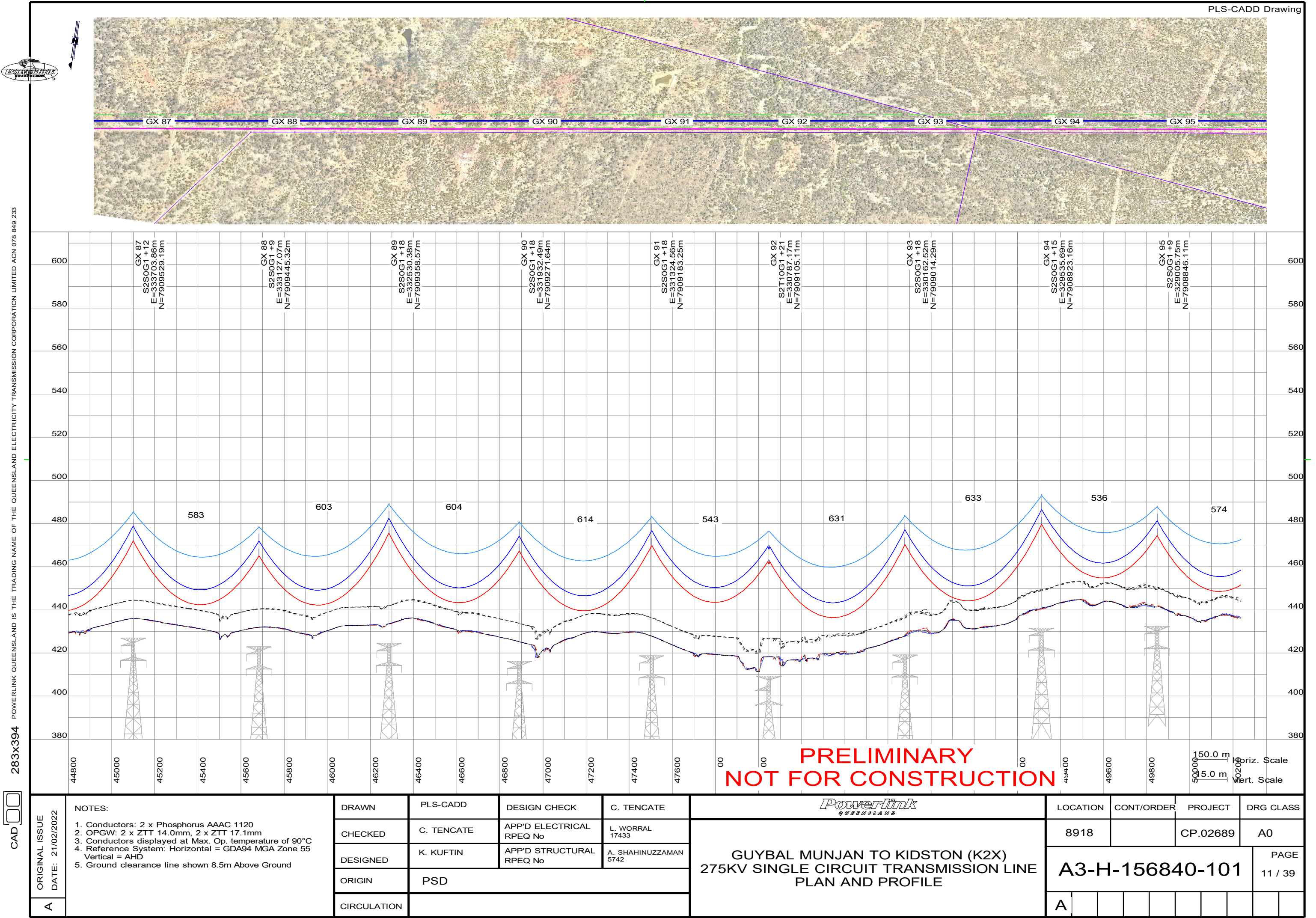
- NOTES:
1. Conductors: 2 x Phosphorus AAAC 1120
 2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm
 3. Conductors displayed at Max. Op. temperature of 90°C
 4. Reference System: Horizontal = GDA94 MGA Zone 55
Vertical = AHD
 5. Ground clearance line shown 8.5m Above Ground

DRAWN	PLS-CADD	DESIGN CHECK	C. TENCATE
CHECKED	C. TENCATE	APP'D ELECTRICAL RPEQ No	L. WORRAL 17433
DESIGNED	K. KUFTIN	APP'D STRUCTURAL RPEQ No	A. SHAHINUZZAMAN 5742
ORIGIN	PSD		
CIRCULATION			

GUYBAL MUNJAN TO KIDSTON (K2X)
275KV SINGLE CIRCUIT TRANSMISSION LINE
PLAN AND PROFILE

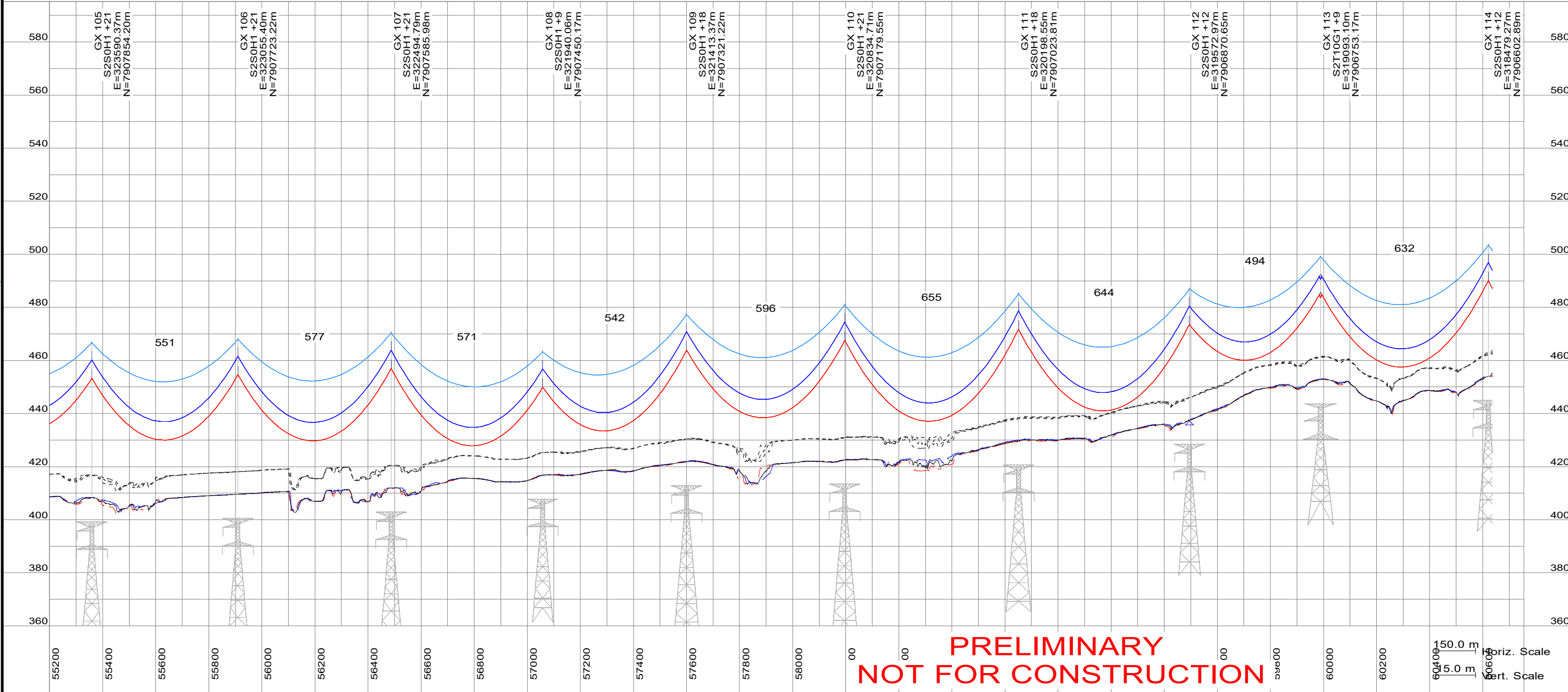
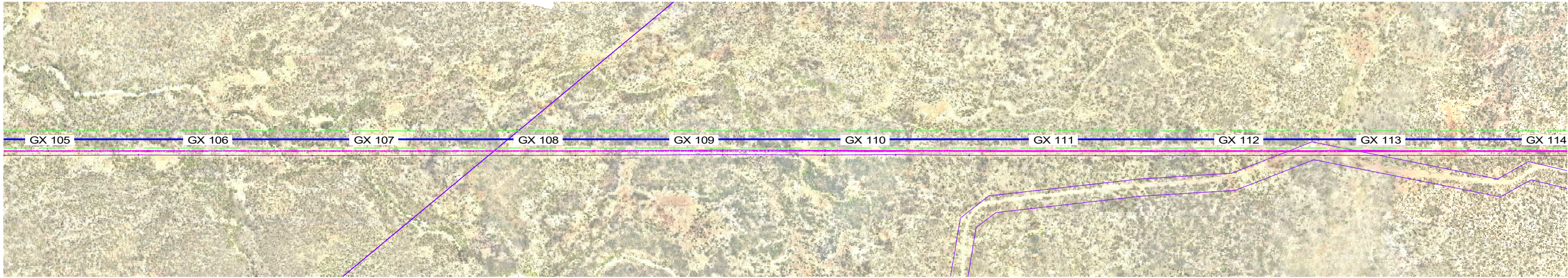
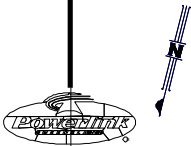
LOCATION	CONT/ORDER	PROJECT	DRG CLASS
8918		CP.02689	A0
A3-H-156840-101			PAGE 10 / 39
A			







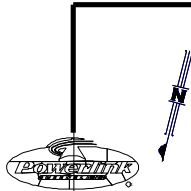
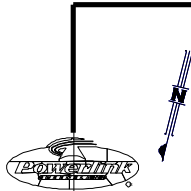
ORIGINAL ISSUE DATE: 21/02/2022	NOTES: 1. Conductors: 2 x Phosphorus AAAC 1120 2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm 3. Conductors displayed at Max. Op. temperature of 90°C 4. Reference System: Horizontal = GDA94 MGA Zone 55 Vertical = AHD 5. Ground clearance line shown 8.5m Above Ground	DRAWN	PLS-CADD	DESIGN CHECK	C. TENCATE	Powerlink GUYBAL MUNJAN TO KIDSTON (K2X) 275KV SINGLE CIRCUIT TRANSMISSION LINE PLAN AND PROFILE	LOCATION	CONT/ORDER	PROJECT	DRG CLASS		
		CHECKED	C. TENCATE	APP'D ELECTRICAL RPEQ No	L. WORRAL 17433		8918		CP.02689	A0		
		DESIGNED	K. KUFTIN	APP'D STRUCTURAL RPEQ No	A. SHAHINUZZAMAN 5742		A3-H-156840-101				PAGE 12 / 39	
		ORIGIN	PSD									
		CIRCULATION					A					
A												

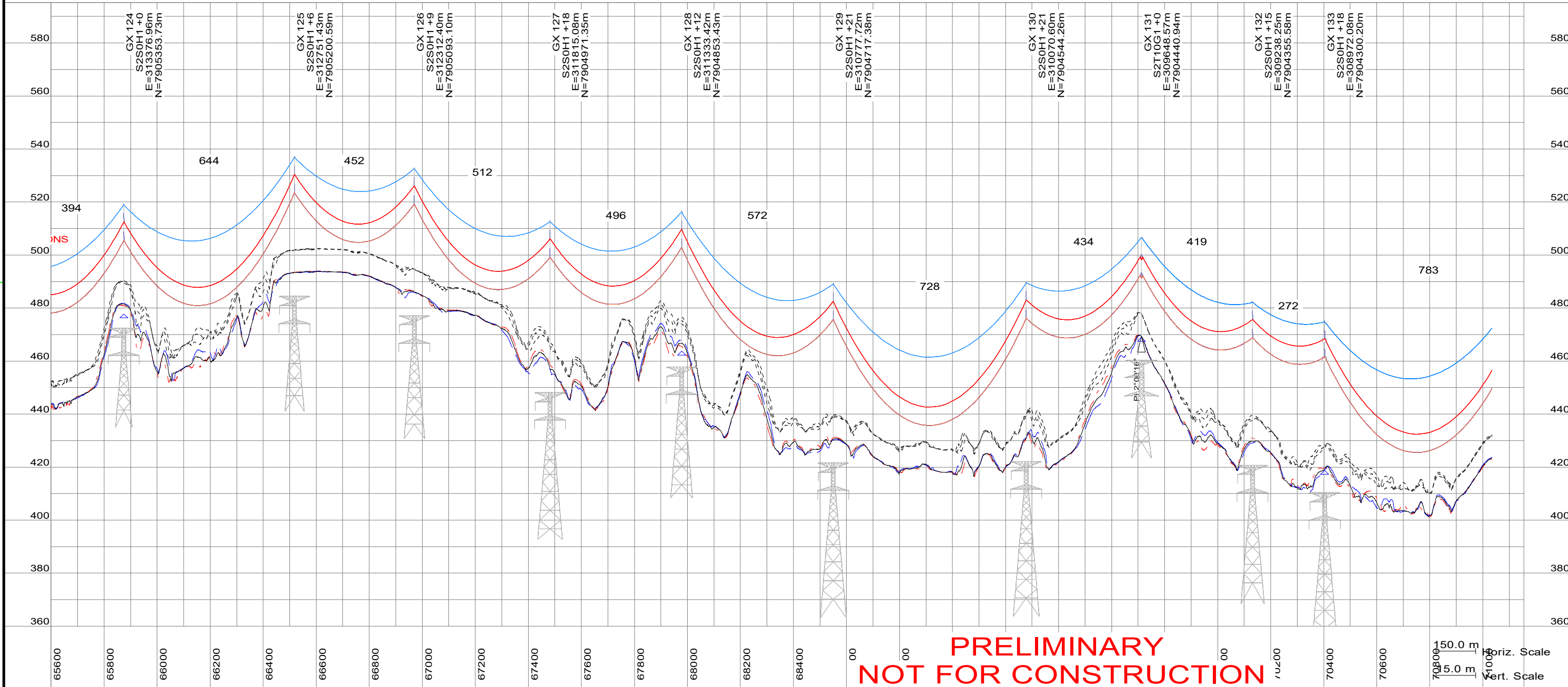
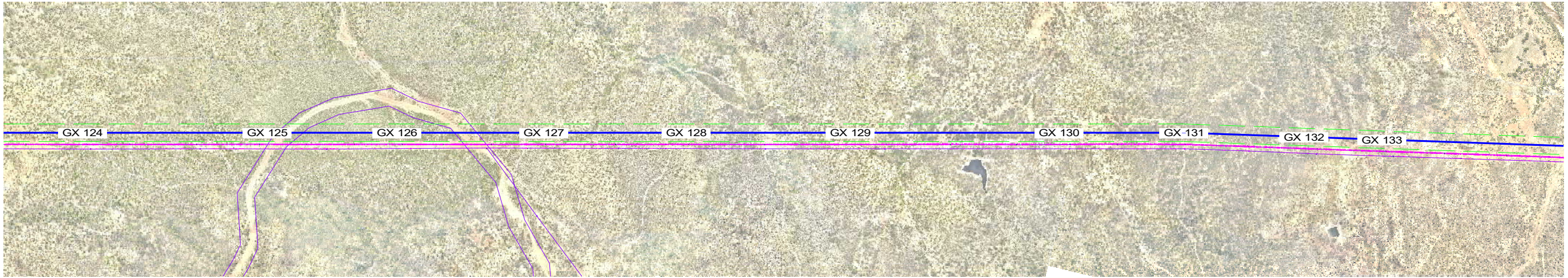
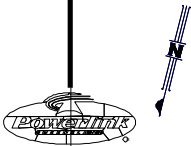


283x394 POWERLINK QUEENSLAND IS THE TRADING NAME OF THE QUEENSLAND ELECTRICITY TRANSMISSION CORPORATION LIMITED ACN 078 849 233



ORIGINAL ISSUE DATE: 21/02/2022 A	NOTES: 1. Conductors: 2 x Phosphorus AAAC 1120 2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm 3. Conductors displayed at Max. Op. temperature of 90°C 4. Reference System: Horizontal = GDA94 MGA Zone 55 Vertical = AHD 5. Ground clearance line shown 8.5m Above Ground	DRAWN	PLS-CADD	DESIGN CHECK	C. TENCATE	<i>Powerlink</i> QUEENSLAND GUYBAL MUNJAN TO KIDSTON (K2X) 275KV SINGLE CIRCUIT TRANSMISSION LINE PLAN AND PROFILE	LOCATION	CONT/ORDER	PROJECT	DRG CLASS	
		CHECKED	C. TENCATE	APP'D ELECTRICAL RPEQ No	L. WORRAL 17433		8918		CP.02689	A0	
		DESIGNED	K. KUFTIN	APP'D STRUCTURAL RPEQ No	A. SHAHINUZZAMAN 5742		A3-H-156840-101				PAGE 13 / 39
		ORIGIN	PSD								
		CIRCULATION									

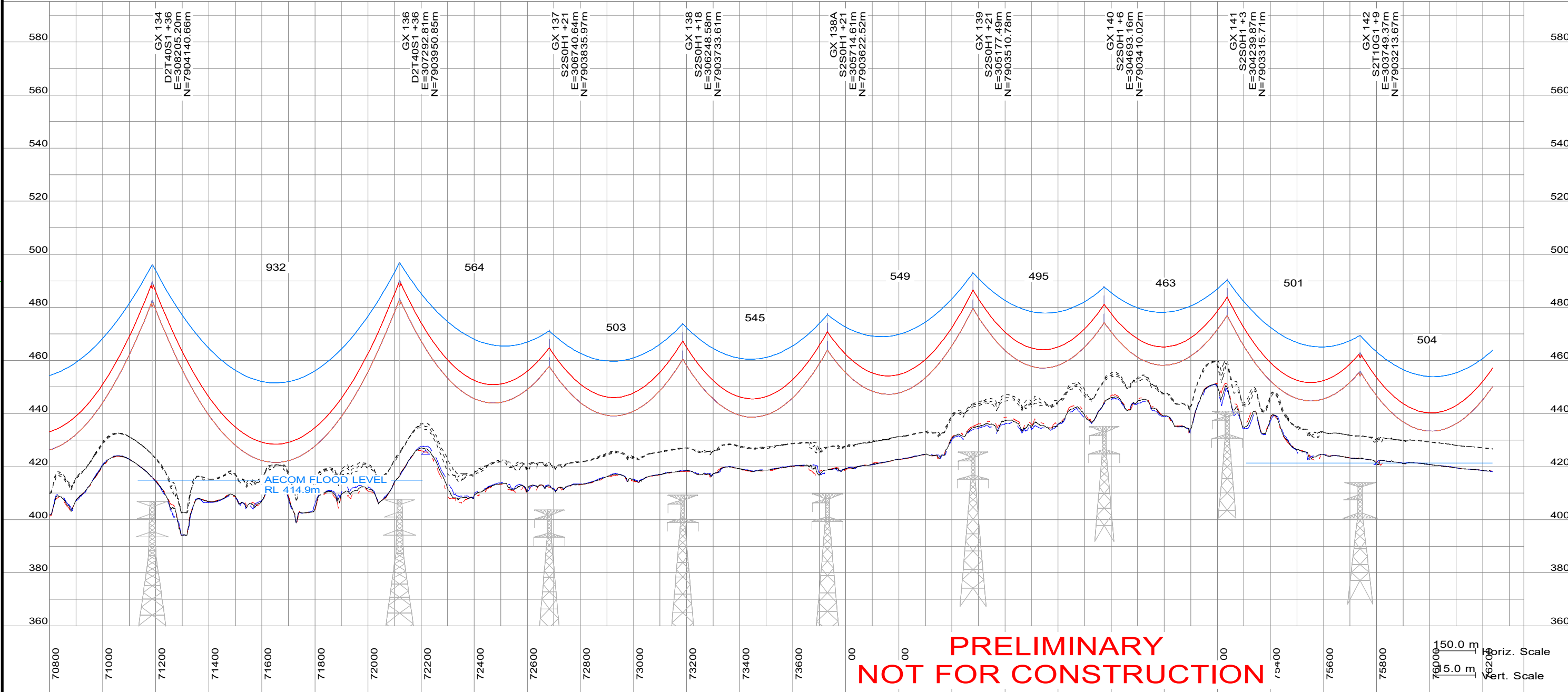
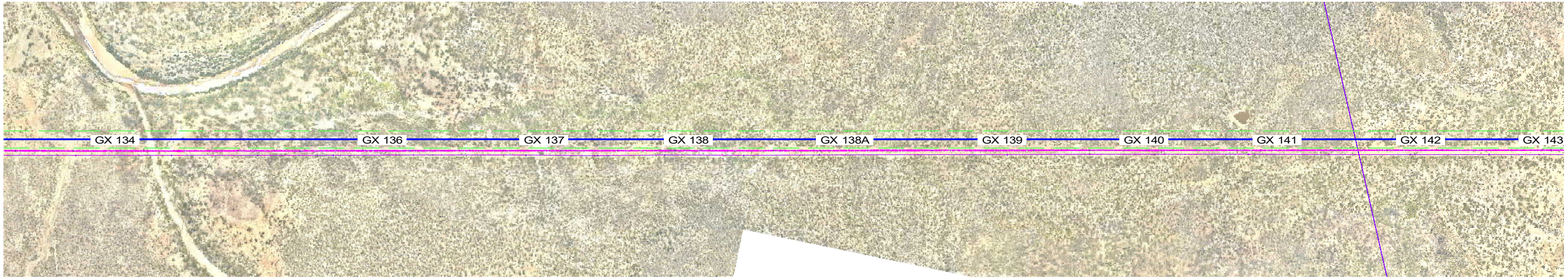
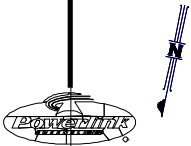




283x394 POWERLINK QUEENSLAND IS THE TRADING NAME OF THE QUEENSLAND ELECTRICITY TRANSMISSION CORPORATION LIMITED ACN 078 849 233



ORIGINAL ISSUE DATE: 21/02/2022	NOTES: 1. Conductors: 2 x Phosphorus AAAC 1120 2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm 3. Conductors displayed at Max. Op. temperature of 90°C 4. Reference System: Horizontal = GDA94 MGA Zone 55 Vertical = AHD 5. Ground clearance line shown 8.5m Above Ground	DRAWN	PLS-CADD	DESIGN CHECK	C. TENCATE	Powerlink QUEENSLAND										LOCATION	CONT/ORDER	PROJECT	DRG CLASS						
		CHECKED	C. TENCATE	APP'D ELECTRICAL RPEQ No	L. WORRAL 17433	GUYBAL MUNJAN TO KIDSTON (K2X) 275KV SINGLE CIRCUIT TRANSMISSION LINE PLAN AND PROFILE										8918		CP.02689	A0						
		DESIGNED	K. KUFTIN	APP'D STRUCTURAL RPEQ No	A. SHAHINUZZAMAN 5742											A3-H-156840-101								PAGE 15 / 39	
		ORIGIN	PSD																						
		CIRCULATION																							
A																									

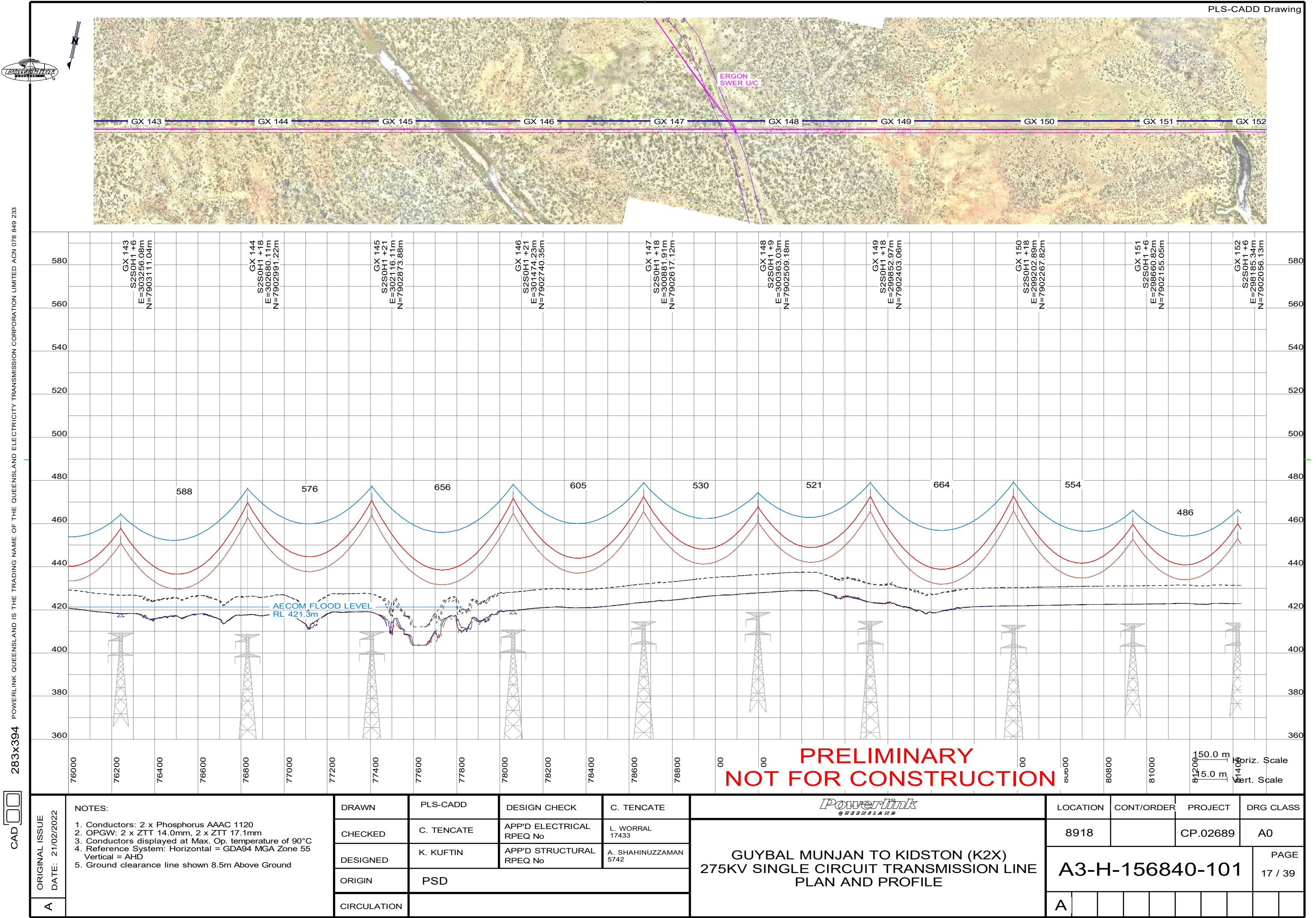


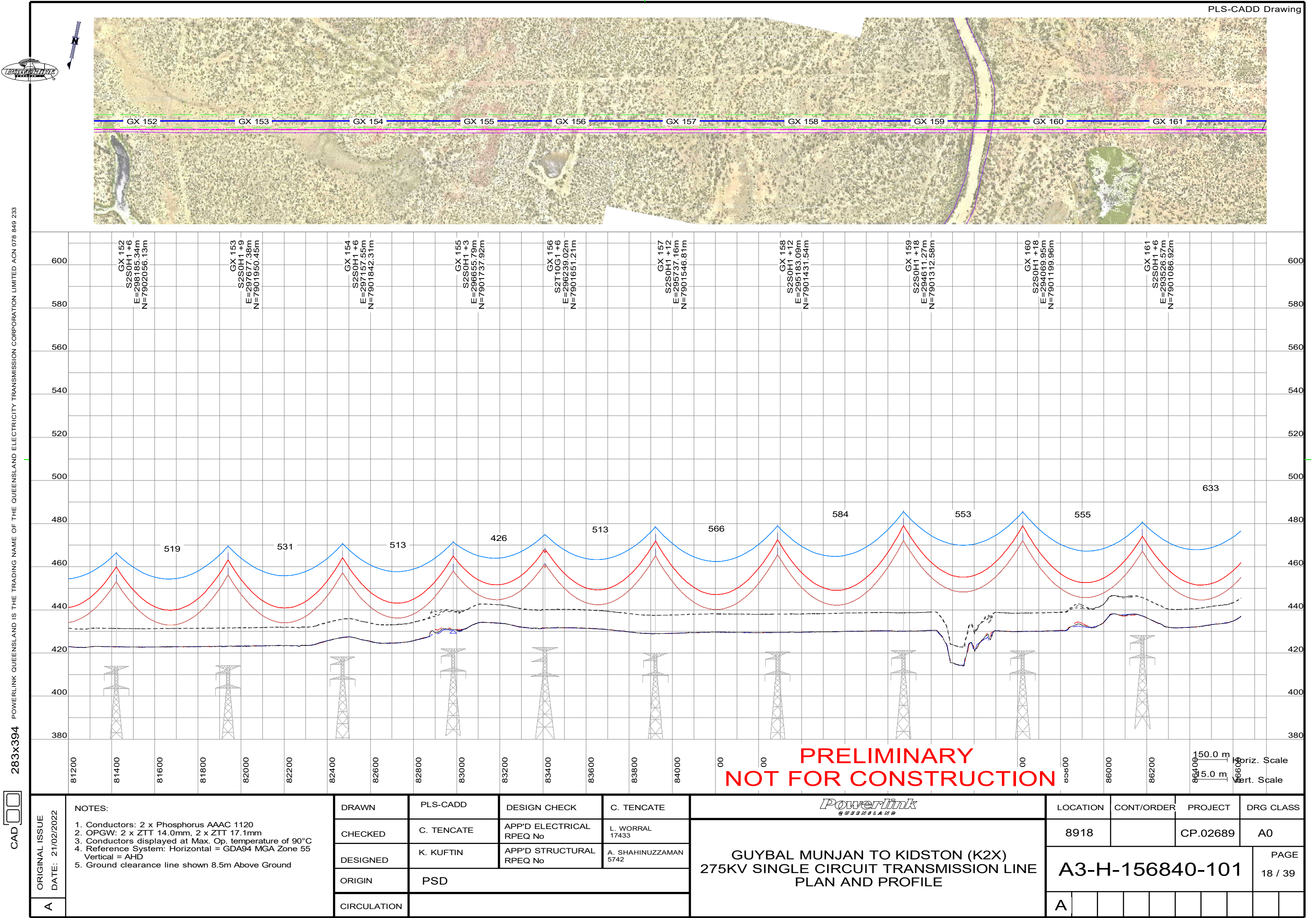
**PRELIMINARY
NOT FOR CONSTRUCTION**

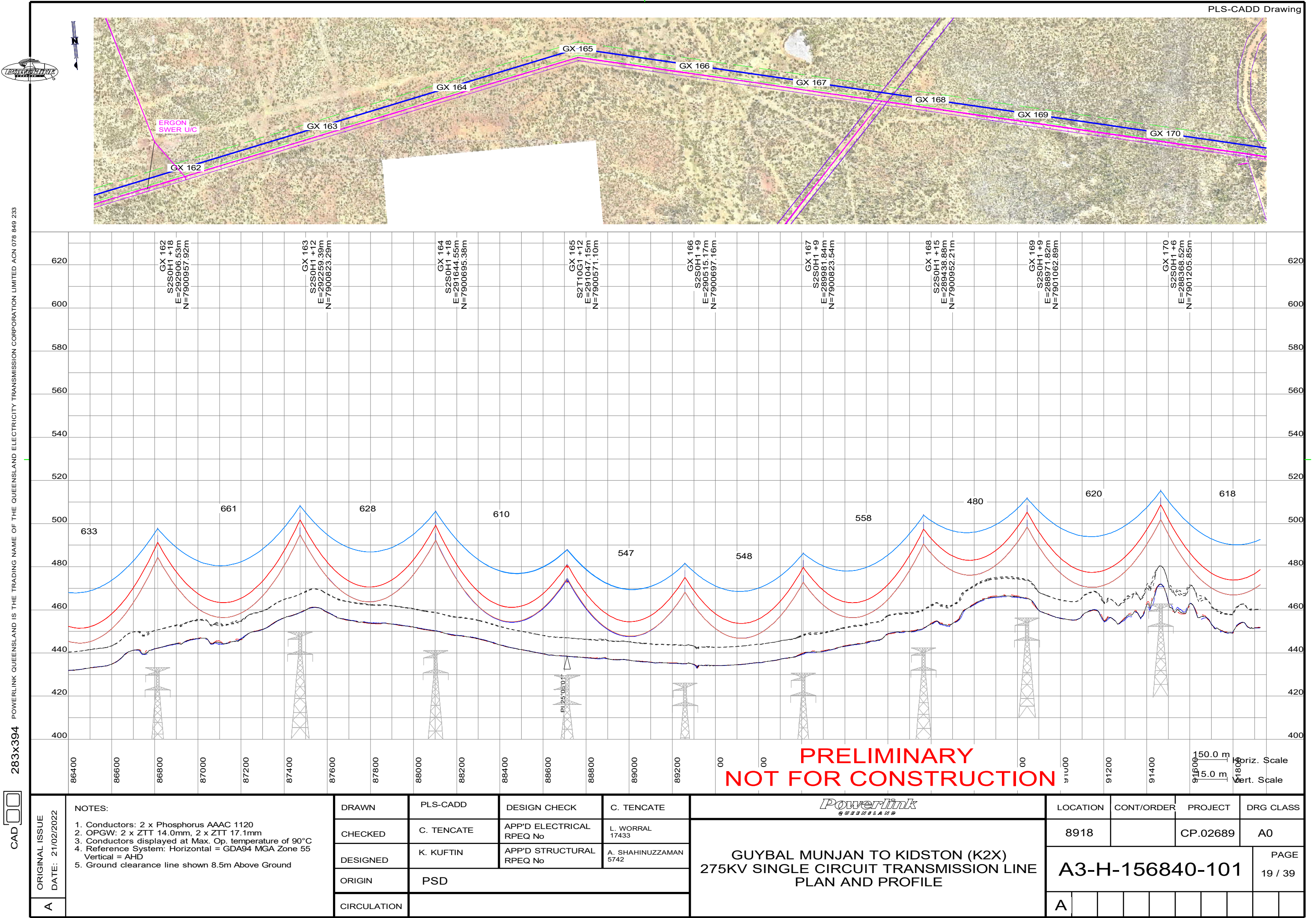
283x394 POWERLINK QUEENSLAND IS THE TRADING NAME OF THE QUEENSLAND ELECTRICITY TRANSMISSION CORPORATION LIMITED ACN 078 849 233

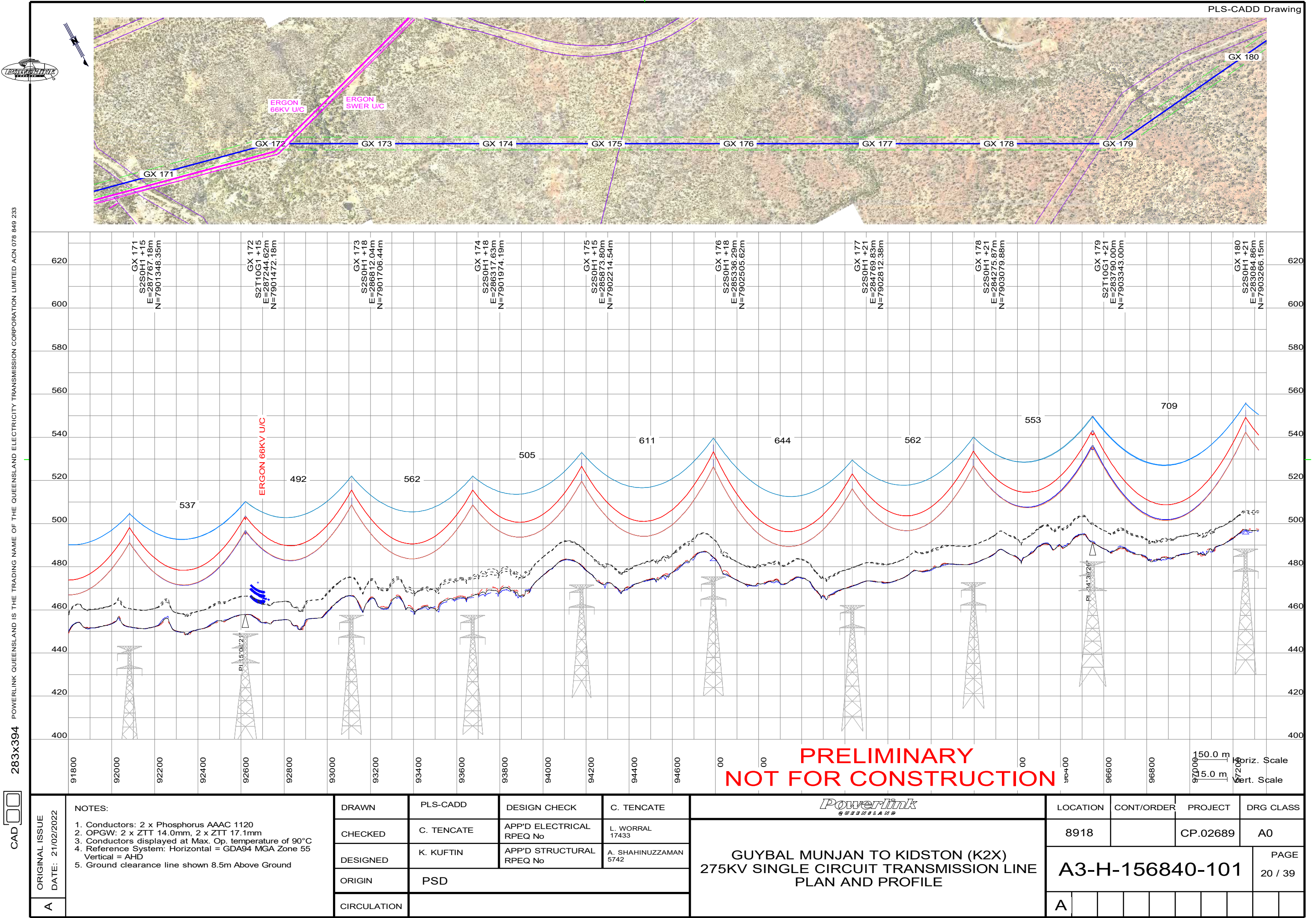


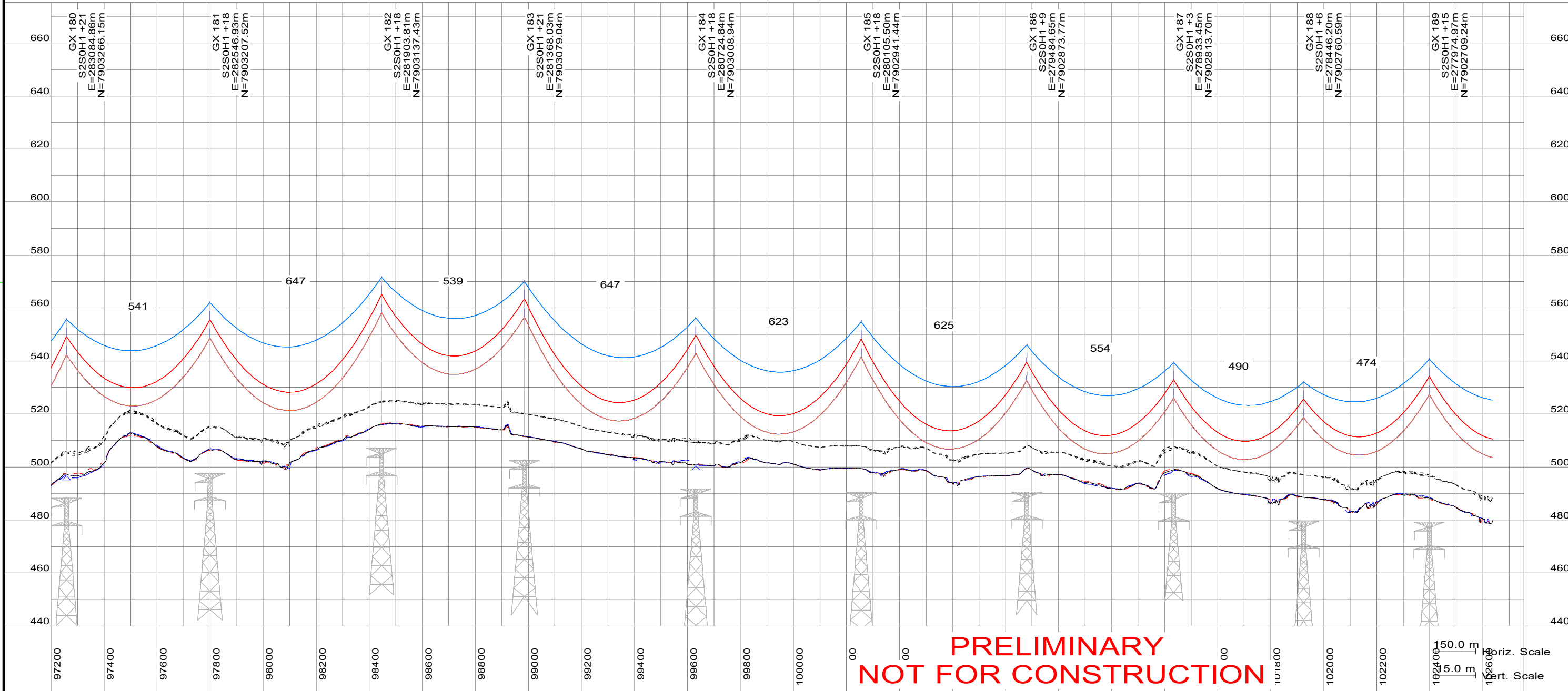
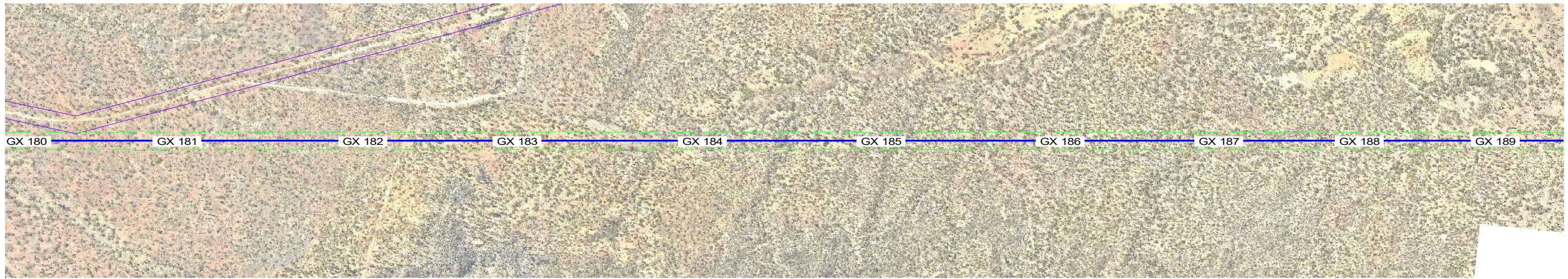
ORIGINAL ISSUE DATE: 21/02/2022 A	NOTES: 1. Conductors: 2 x Phosphorus AAAC 1120 2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm 3. Conductors displayed at Max. Op. temperature of 90°C 4. Reference System: Horizontal = GDA94 MGA Zone 55 Vertical = AHD 5. Ground clearance line shown 8.5m Above Ground	DRAWN	PLS-CADD	DESIGN CHECK	C. TENCATE	Powerlink QUEENSLAND										LOCATION	CONT/ORDER	PROJECT	DRG CLASS					
		CHECKED	C. TENCATE	APP'D ELECTRICAL RPEQ No	L. WORRAL 17433	GUYBAL MUNJAN TO KIDSTON (K2X) 275KV SINGLE CIRCUIT TRANSMISSION LINE PLAN AND PROFILE										8918		CP.02689	A0					
		DESIGNED	K. KUFTIN	APP'D STRUCTURAL RPEQ No	A. SHAHINUZZAMAN 5742											A3-H-156840-101							PAGE 16 / 39	
		ORIGIN	PSD																					
		CIRCULATION																						











ORIGINAL ISSUE DATE: 21/02/2022 A	NOTES: 1. Conductors: 2 x Phosphorus AAAC 1120 2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm 3. Conductors displayed at Max. Op. temperature of 90°C 4. Reference System: Horizontal = GDA94 MGA Zone 55 Vertical = AHD 5. Ground clearance line shown 8.5m Above Ground	DRAWN	PLS-CADD	DESIGN CHECK	C. TENCATE	Powerlink 275KV SINGLE CIRCUIT TRANSMISSION LINE PLAN AND PROFILE	LOCATION	CONT/ORDER	PROJECT	DRG CLASS	
		CHECKED	C. TENCATE	APP'D ELECTRICAL RPEQ No	L. WORRAL 17433		8918		CP.02689	A0	
		DESIGNED	K. KUFTIN	APP'D STRUCTURAL RPEQ No	A. SHAHINUZZAMAN 5742		A3-H-156840-101				PAGE 21 / 39
		ORIGIN	PSD								
		CIRCULATION									



283x394 POWERLINK QUEENSLAND IS THE TRADING NAME OF THE QUEENSLAND ELECTRICITY TRANSMISSION CORPORATION LIMITED ACN 078 849 233



ORIGINAL ISSUE
DATE: 21/02/2022

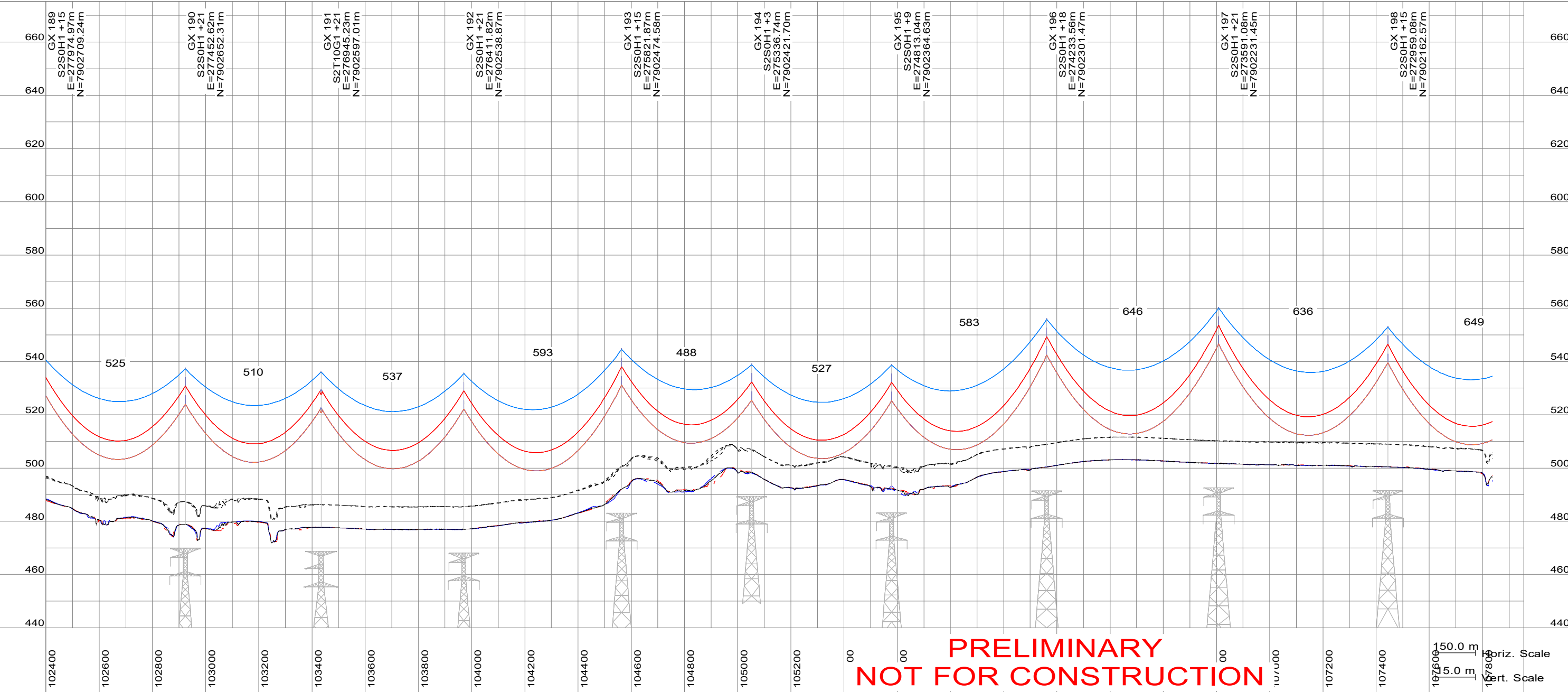
A

- NOTES:
1. Conductors: 2 x Phosphorus AAAC 1120
 2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm
 3. Conductors displayed at Max. Op. temperature of 90°C
 4. Reference System: Horizontal = GDA94 MGA Zone 55
Vertical = AHD
 5. Ground clearance line shown 8.5m Above Ground

DRAWN	PLS-CADD	DESIGN CHECK	C. TENCATE
CHECKED	C. TENCATE	APP'D ELECTRICAL RPEQ No	L. WORRAL 17433
DESIGNED	K. KUFTIN	APP'D STRUCTURAL RPEQ No	A. SHAHINUZZAMAN 5742
ORIGIN	PSD		
CIRCULATION			

GUYBAL MUNJAN TO KIDSTON (K2X)
275KV SINGLE CIRCUIT TRANSMISSION LINE
PLAN AND PROFILE

LOCATION	CONT/ORDER	PROJECT	DRG CLASS
8918		CP.02689	A0
A3-H-156840-101			PAGE 22 / 39
A			





283x394 POWERLINK QUEENSLAND IS THE TRADING NAME OF THE QUEENSLAND ELECTRICITY TRANSMISSION CORPORATION LIMITED ACN 078 849 233



ORIGINAL ISSUE
DATE: 21/02/2022

A

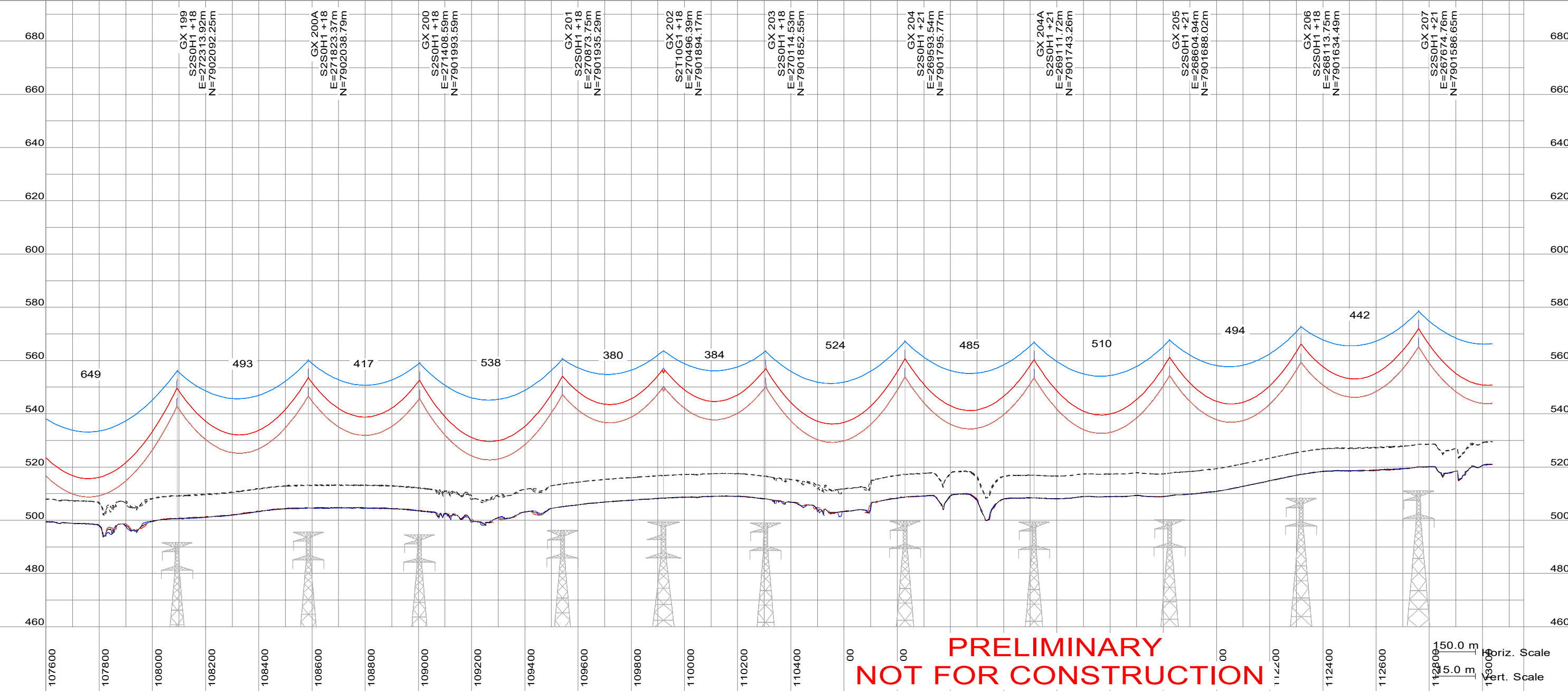
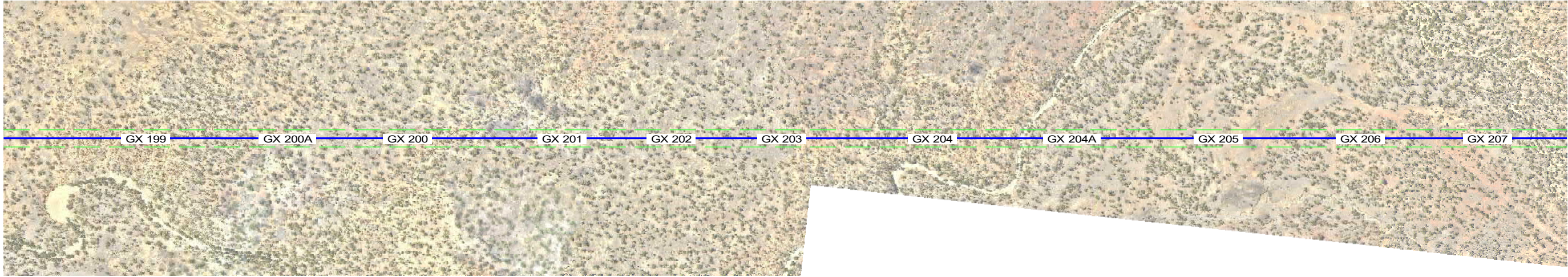
- NOTES:
1. Conductors: 2 x Phosphorus AAAC 1120
 2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm
 3. Conductors displayed at Max. Op. temperature of 90°C
 4. Reference System: Horizontal = GDA94 MGA Zone 55
Vertical = AHD
 5. Ground clearance line shown 8.5m Above Ground

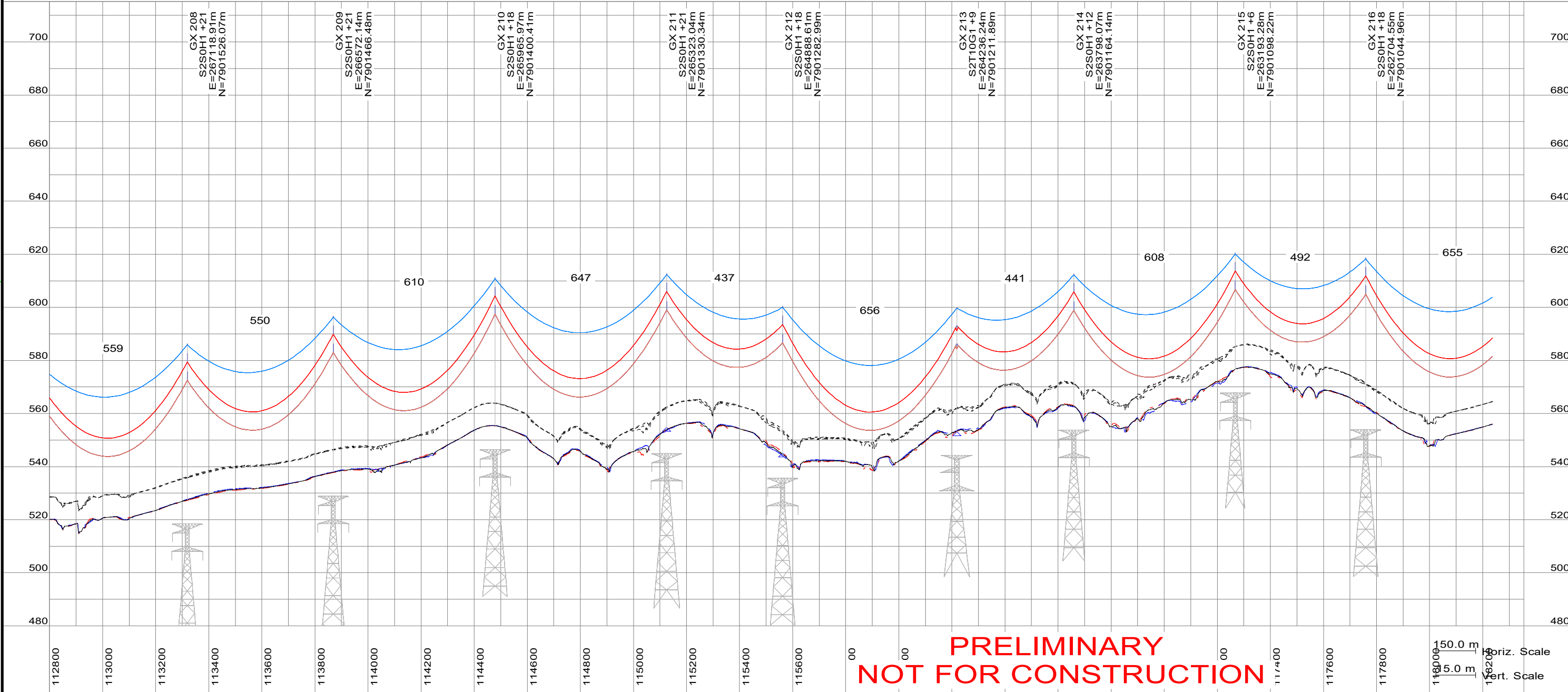
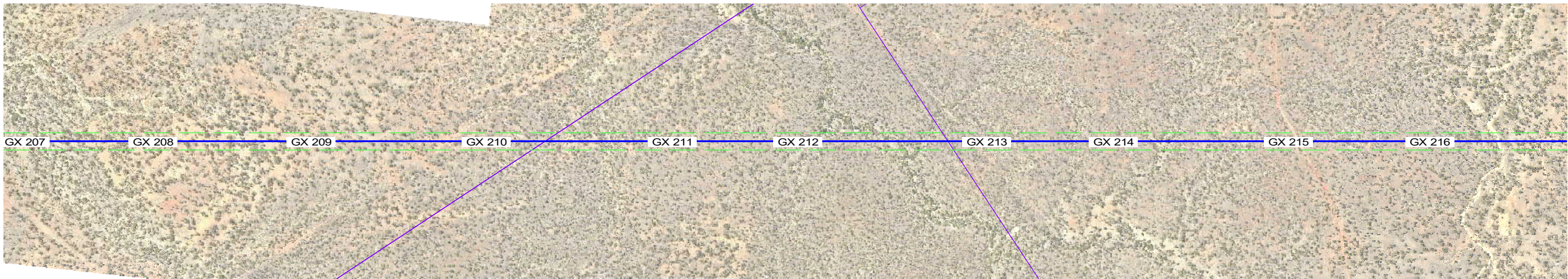
DRAWN	PLS-CADD	DESIGN CHECK	C. TENCATE
CHECKED	C. TENCATE	APP'D ELECTRICAL RPEQ No	L. WORRAL 17433
DESIGNED	K. KUFTIN	APP'D STRUCTURAL RPEQ No	A. SHAHINUZZAMAN 5742
ORIGIN	PSD		
CIRCULATION			



**GUYBAL MUNJAN TO KIDSTON (K2X)
275KV SINGLE CIRCUIT TRANSMISSION LINE
PLAN AND PROFILE**

LOCATION	CONT/ORDER	PROJECT	DRG CLASS
8918		CP.02689	A0
A3-H-156840-101			PAGE 23 / 39
A			

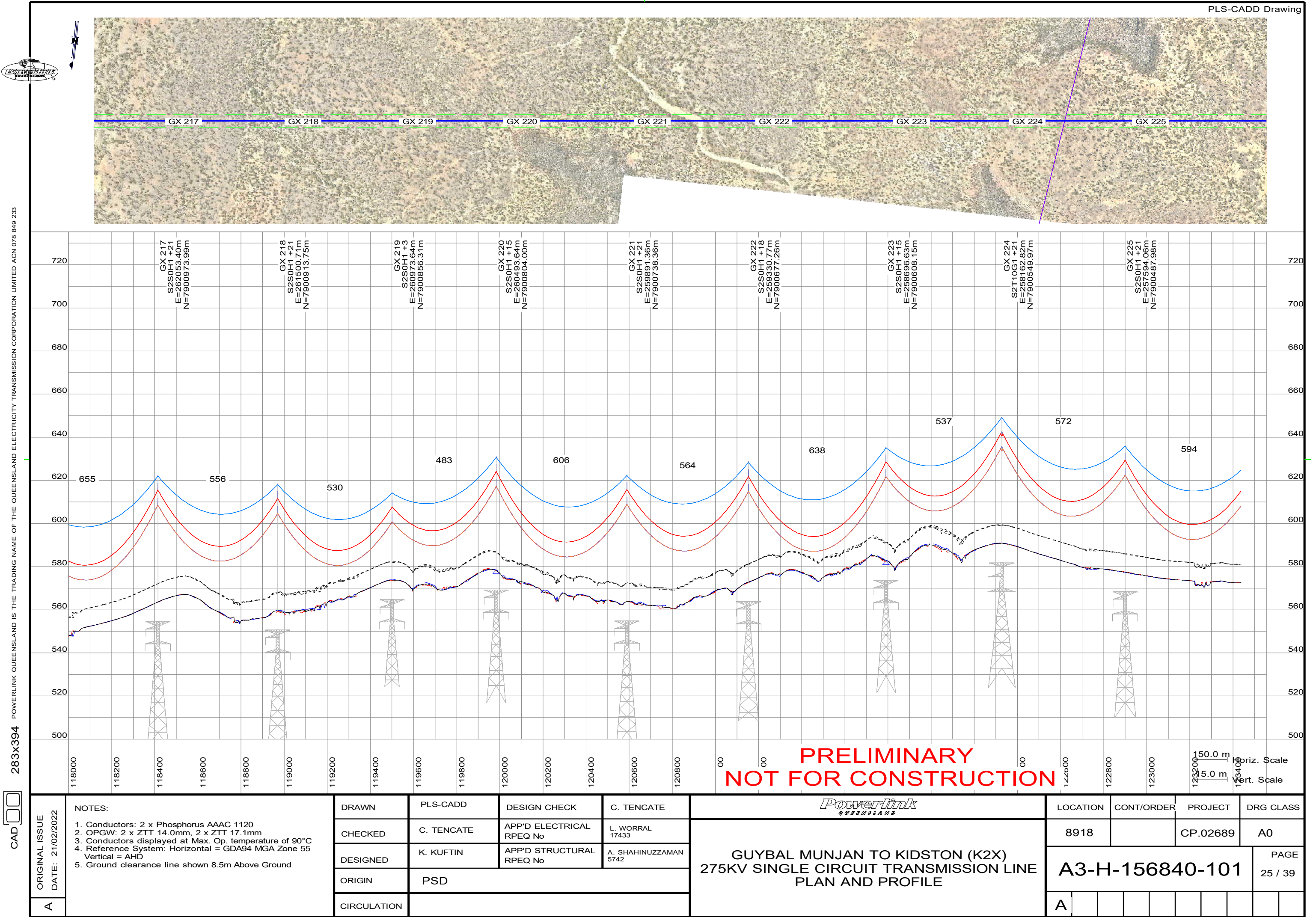


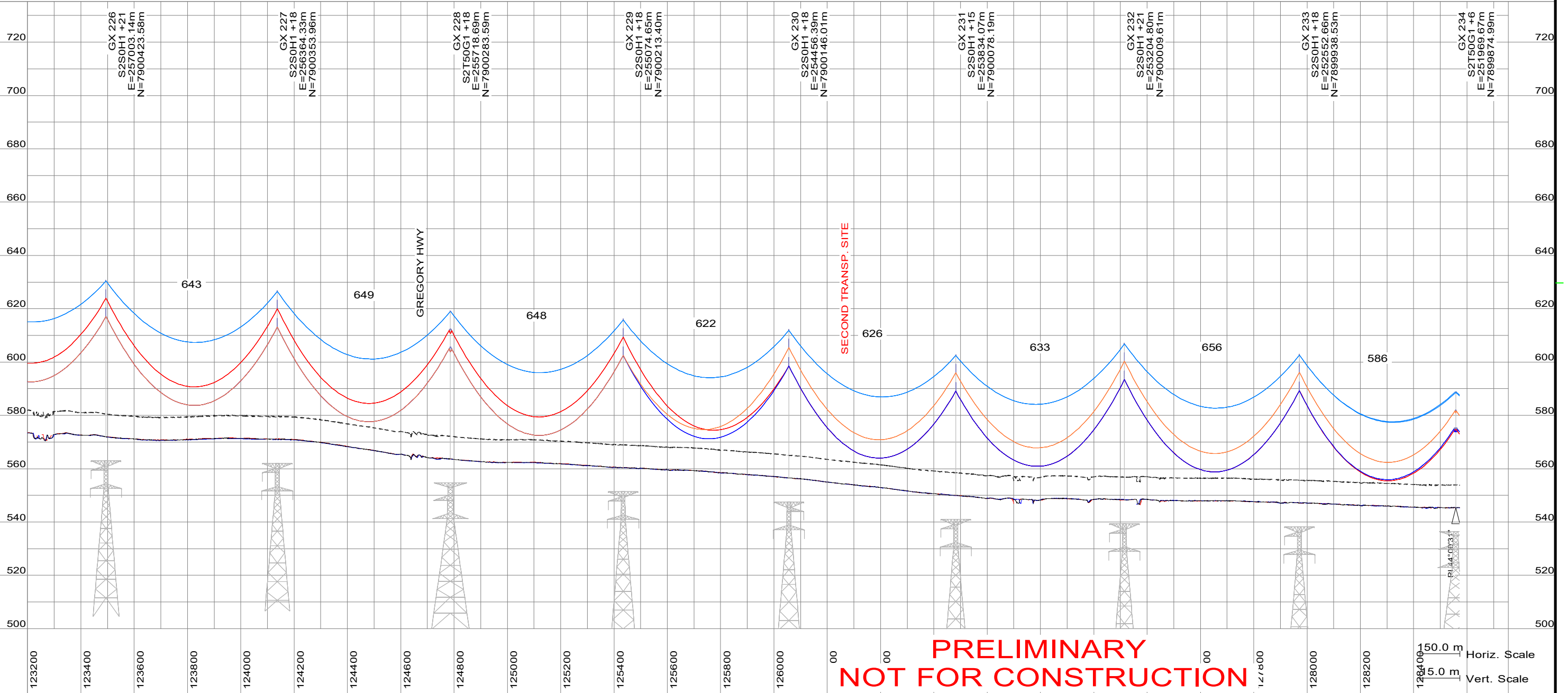


**PRELIMINARY
NOT FOR CONSTRUCTION**

150.0 m
5.0 m
1:1000
1:400
Horiz. Scale
Vert. Scale

ORIGINAL ISSUE DATE: 21/02/2022	NOTES: 1. Conductors: 2 x Phosphorus AAAC 1120 2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm 3. Conductors displayed at Max. Op. temperature of 90°C 4. Reference System: Horizontal = GDA94 MGA Zone 55 Vertical = AHD 5. Ground clearance line shown 8.5m Above Ground	DRAWN	PLS-CADD	DESIGN CHECK	C. TENCATE	Powerlink GUYBAL MUNJAN TO KIDSTON (K2X) 275KV SINGLE CIRCUIT TRANSMISSION LINE PLAN AND PROFILE										LOCATION	CONT/ORDER	PROJECT				DRG CLASS					
		CHECKED	C. TENCATE	APP'D ELECTRICAL RPEQ No	L. WORRAL 17433											8918		CP.02689				A0					
		DESIGNED	K. KUFTIN	APP'D STRUCTURAL RPEQ No	A. SHAHINUZZAMAN 5742											A3-H-156840-101								PAGE 24 / 39			
		ORIGIN	PSD																								
		CIRCULATION																									
A																A											





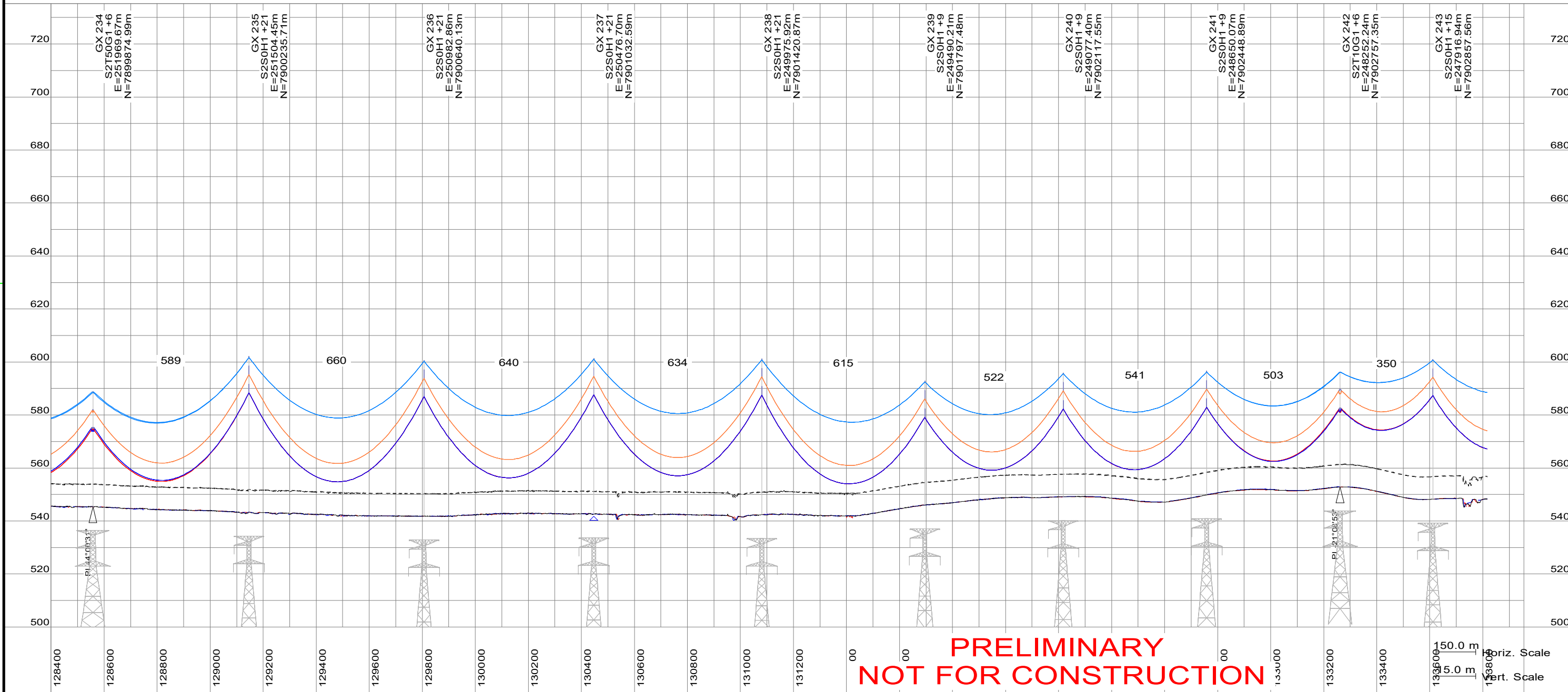
ORIGINAL ISSUE DATE: 21/02/2022	NOTES: 1. Conductors: 2 x Phosphorus AAAC 1120 2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm 3. Conductors displayed at Max. Op. temperature of 90°C 4. Reference System: Horizontal = GDA94 MGA Zone 55 Vertical = AHD 5. Ground clearance line shown 8.5m Above Ground	DRAWN	PLS-CADD	DESIGN CHECK	C. TENCATE	Powerlink 275KV SINGLE CIRCUIT TRANSMISSION LINE GUYBAL MUNJAN TO KIDSTON (K2X) PLAN AND PROFILE										LOCATION	CONT/ORDER	PROJECT	DRG CLASS
		CHECKED	C. TENCATE	APP'D ELECTRICAL RPEQ No	L. WORRAL 17433	8918		CP.02689	A0										
		DESIGNED	K. KUFTIN	APP'D STRUCTURAL RPEQ No	A. SHAHINUZZAMAN 5742	A3-H-156840-101				PAGE 26 / 39									
		ORIGIN	PSD																
		CIRCULATION					A												



283x394 POWERLINK QUEENSLAND IS THE TRADING NAME OF THE QUEENSLAND ELECTRICITY TRANSMISSION CORPORATION LIMITED ACN 078 849 233

CAD

PLS-CADD Drawing



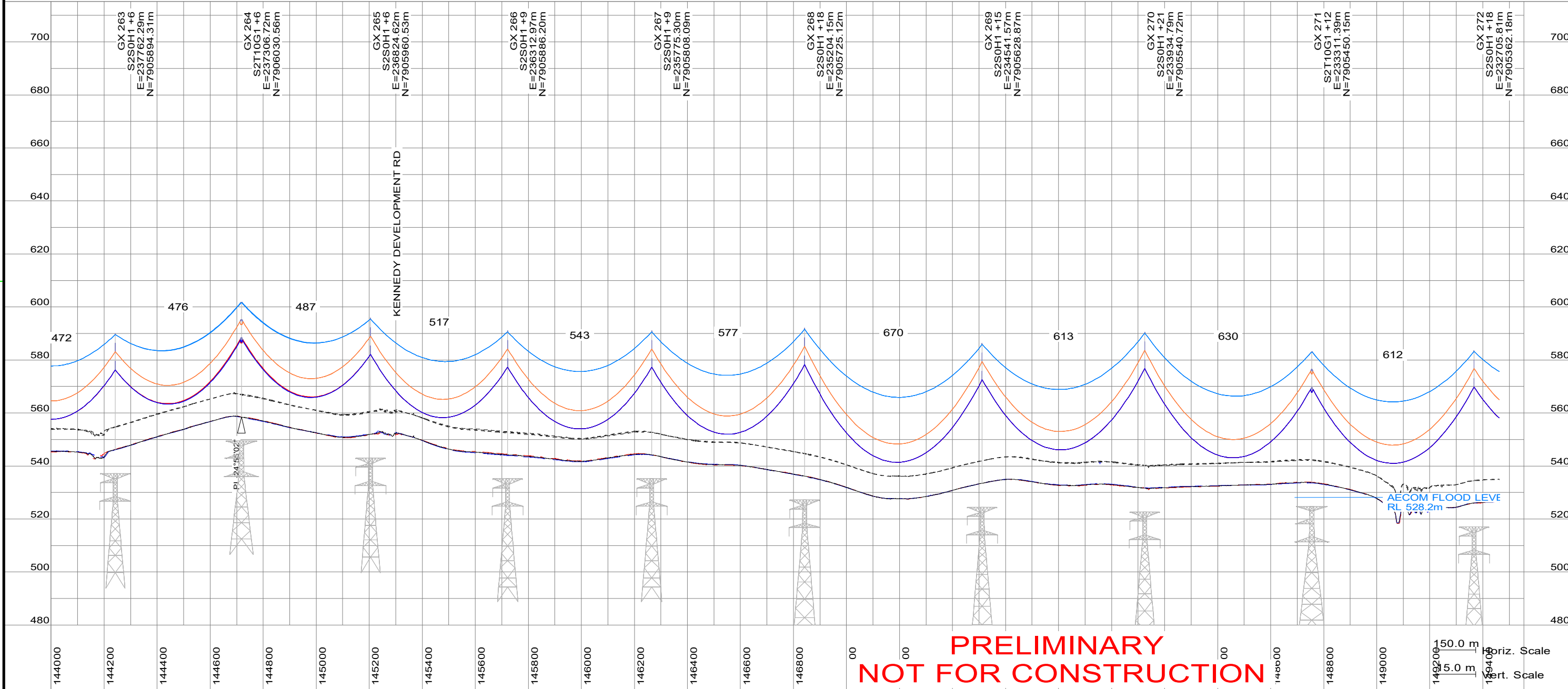
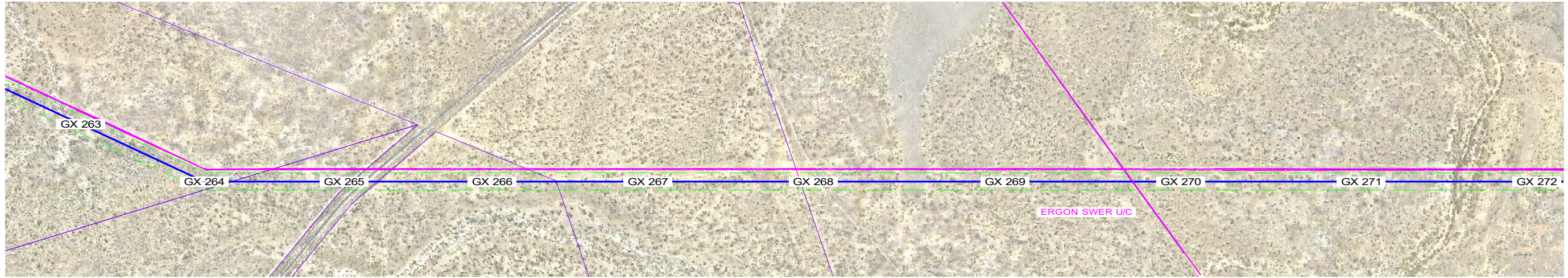
ORIGINAL ISSUE DATE: 21/02/2022 A	NOTES: 1. Conductors: 2 x Phosphorus AAAC 1120 2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm 3. Conductors displayed at Max. Op. temperature of 90°C 4. Reference System: Horizontal = GDA94 MGA Zone 55 Vertical = AHD 5. Ground clearance line shown 8.5m Above Ground	DRAWN	PLS-CADD	DESIGN CHECK	C. TENCATE	 GUYBAL MUNJAN TO KIDSTON (K2X) 275KV SINGLE CIRCUIT TRANSMISSION LINE PLAN AND PROFILE										LOCATION	CONT/ORDER		PROJECT		DRG CLASS	
		CHECKED	C. TENCATE	APP'D ELECTRICAL RPEQ No	L. WORRAL 17433	8918		CP.02689		A0		PAGE 27 / 39										
		DESIGNED	K. KUFTIN	APP'D STRUCTURAL RPEQ No	A. SHAHINUZZAMAN 5742	A3-H-156840-101																
		ORIGIN	PSD																			
		CIRCULATION																				



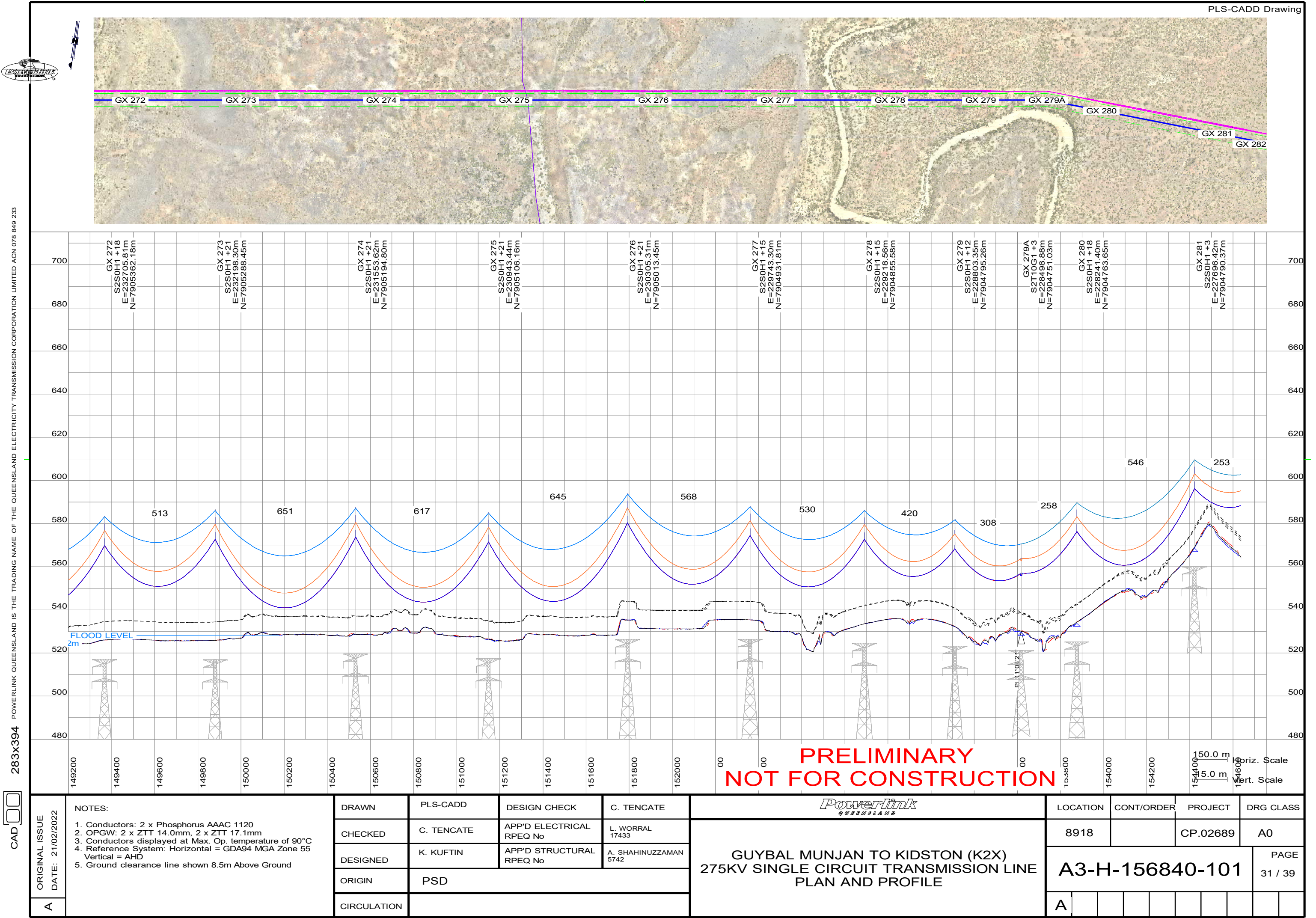
ORIGINAL ISSUE DATE: 21/02/2022	NOTES: 1. Conductors: 2 x Phosphorus AAAC 1120 2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm 3. Conductors displayed at Max. Op. temperature of 90°C 4. Reference System: Horizontal = GDA94 MGA Zone 55 Vertical = AHD 5. Ground clearance line shown 8.5m Above Ground	DRAWN	PLS-CADD	DESIGN CHECK	C. TENCATE	Powerlink ENGINEERS										LOCATION	CONT/ORDER	PROJECT	DRG CLASS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		CHECKED	C. TENCATE	APP'D ELECTRICAL RPEQ No	L. WORRAL 17433	GUYBAL MUNJAN TO KIDSTON (K2X) 275KV SINGLE CIRCUIT TRANSMISSION LINE PLAN AND PROFILE										8918		CP.02689	A0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		DESIGNED	K. KUFTIN	APP'D STRUCTURAL RPEQ No	A. SHAHINUZZAMAN 5742											PAGE								29 / 39																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		ORIGIN	PSD													A3-H-156840-101																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		CIRCULATION														A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

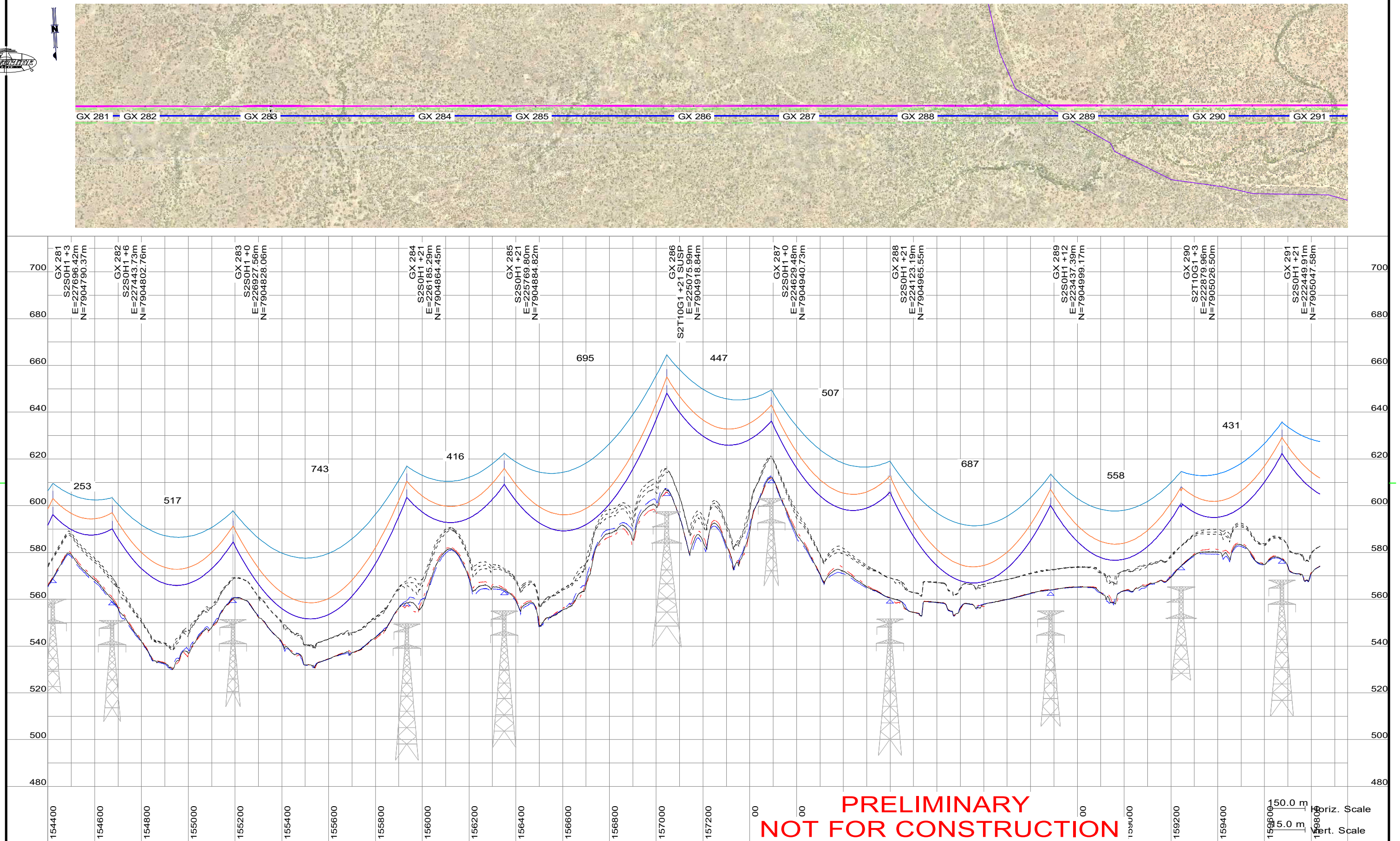


283x394 POWERLINK QUEENSLAND IS THE TRADING NAME OF THE QUEENSLAND ELECTRICITY TRANSMISSION CORPORATION LIMITED ACN 078 849 233

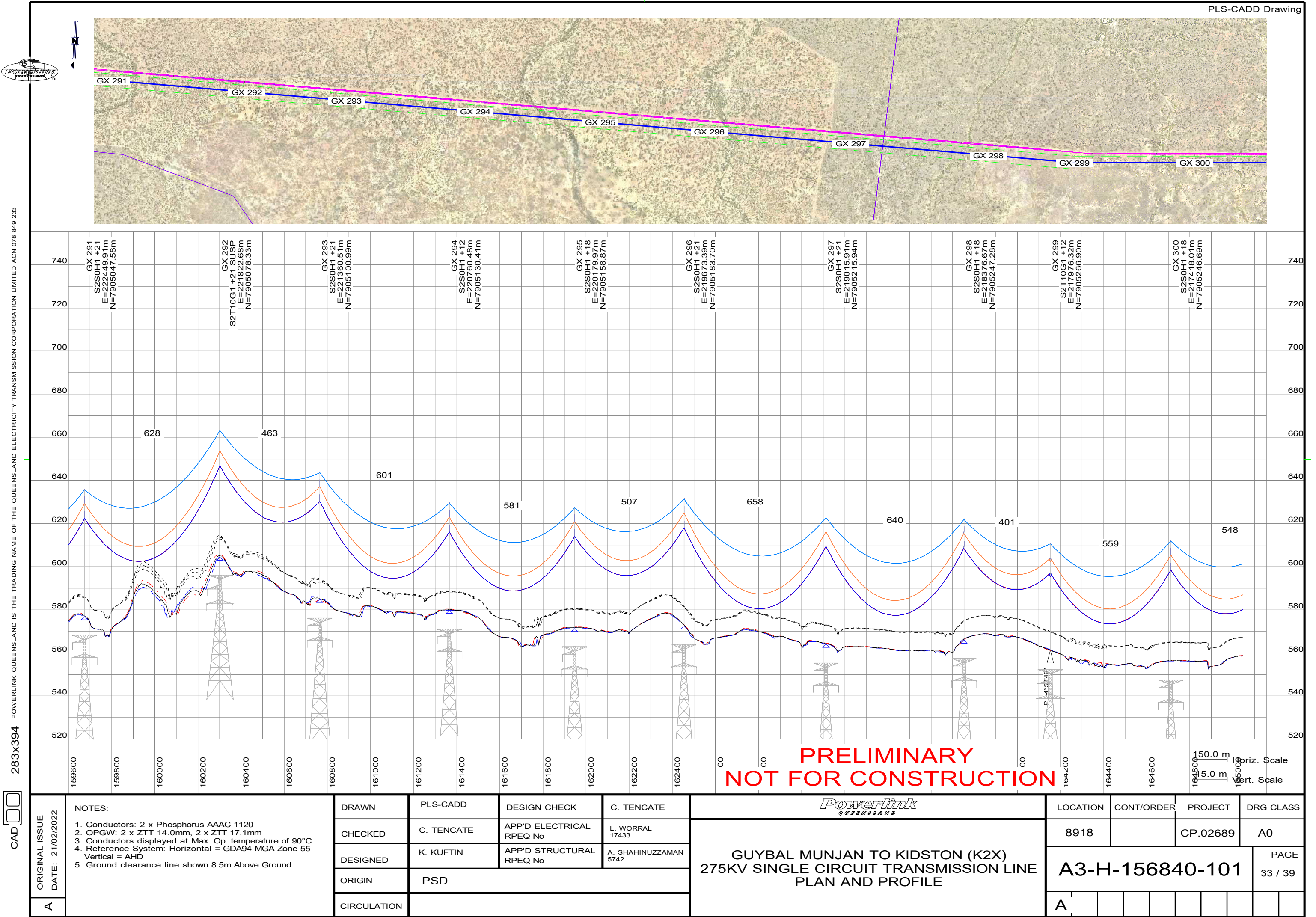


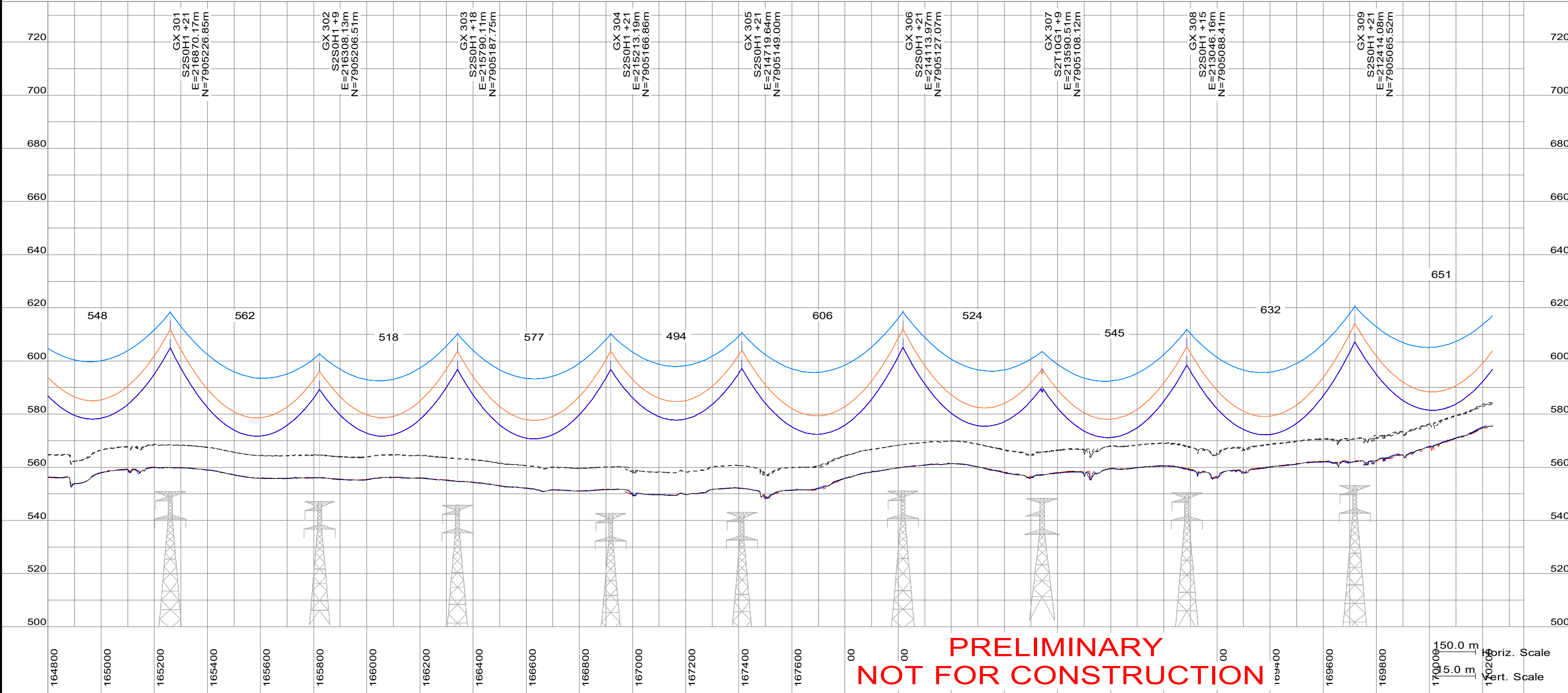
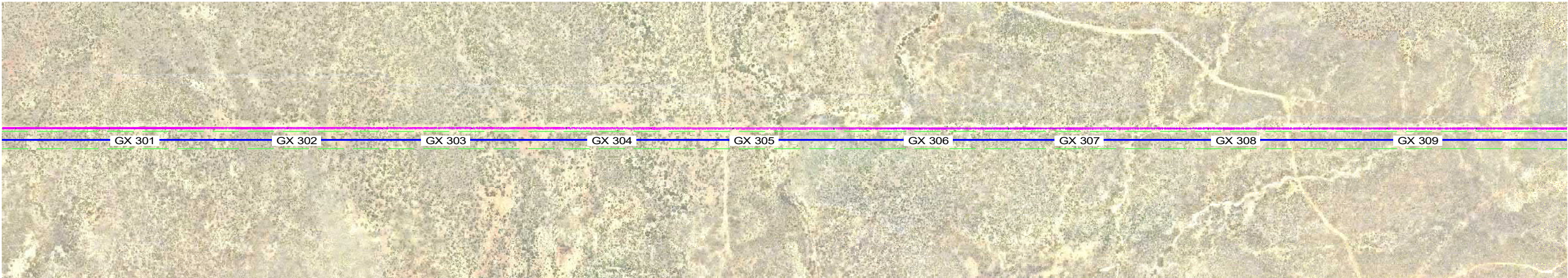
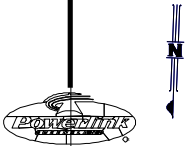
ORIGINAL ISSUE DATE: 21/02/2022 A	NOTES: 1. Conductors: 2 x Phosphorus AAAC 1120 2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm 3. Conductors displayed at Max. Op. temperature of 90°C 4. Reference System: Horizontal = GDA94 MGA Zone 55 Vertical = AHD 5. Ground clearance line shown 8.5m Above Ground	DRAWN	PLS-CADD	DESIGN CHECK	C. TENCATE	<i>Powerlink</i> QUEENSLAND										LOCATION	CONT/ORDER	PROJECT	DRG CLASS						
		CHECKED	C. TENCATE	APP'D ELECTRICAL RPEQ No	L. WORRAL 17433	GUYBAL MUNJAN TO KIDSTON (K2X) 275KV SINGLE CIRCUIT TRANSMISSION LINE PLAN AND PROFILE										8918		CP.02689	A0						
		DESIGNED	K. KUFTIN	APP'D STRUCTURAL RPEQ No	A. SHAHINUZZAMAN 5742											A3-H-156840-101								PAGE 30 / 39	
		ORIGIN	PSD																						
		CIRCULATION																							



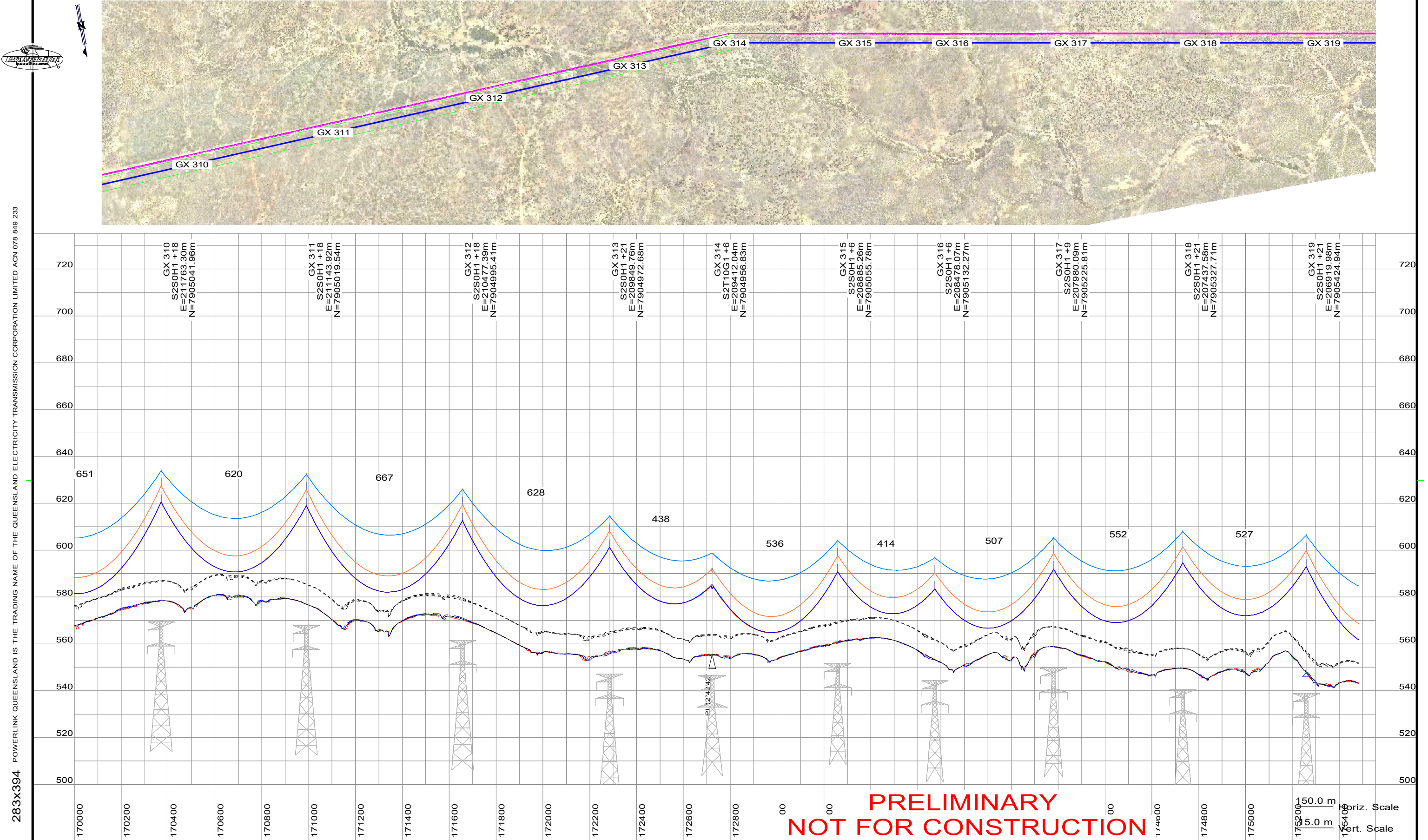


ORIGINAL ISSUE DATE: 21/02/2022 A	NOTES: 1. Conductors: 2 x Phosphorus AAAC 1120 2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm 3. Conductors displayed at Max. Op. temperature of 90°C 4. Reference System: Horizontal = GDA94 MGA Zone 55 Vertical = AHD 5. Ground clearance line shown 8.5m Above Ground	DRAWN	PLS-CADD	DESIGN CHECK	C. TENCATE	Powerlink ENGINEERS GUYBAL MUNJAN TO KIDSTON (K2X) 275KV SINGLE CIRCUIT TRANSMISSION LINE PLAN AND PROFILE	LOCATION	CONT/ORDER	PROJECT	DRG CLASS		
		CHECKED	C. TENCATE	APP'D ELECTRICAL RPEQ No	L. WORRAL 17433		8918		CP.02689	A0		
		DESIGNED	K. KUFTIN	APP'D STRUCTURAL RPEQ No	A. SHAHINUZZAMAN 5742		A3-H-156840-101				PAGE 32 / 39	
		ORIGIN	PSD									
		CIRCULATION					A					

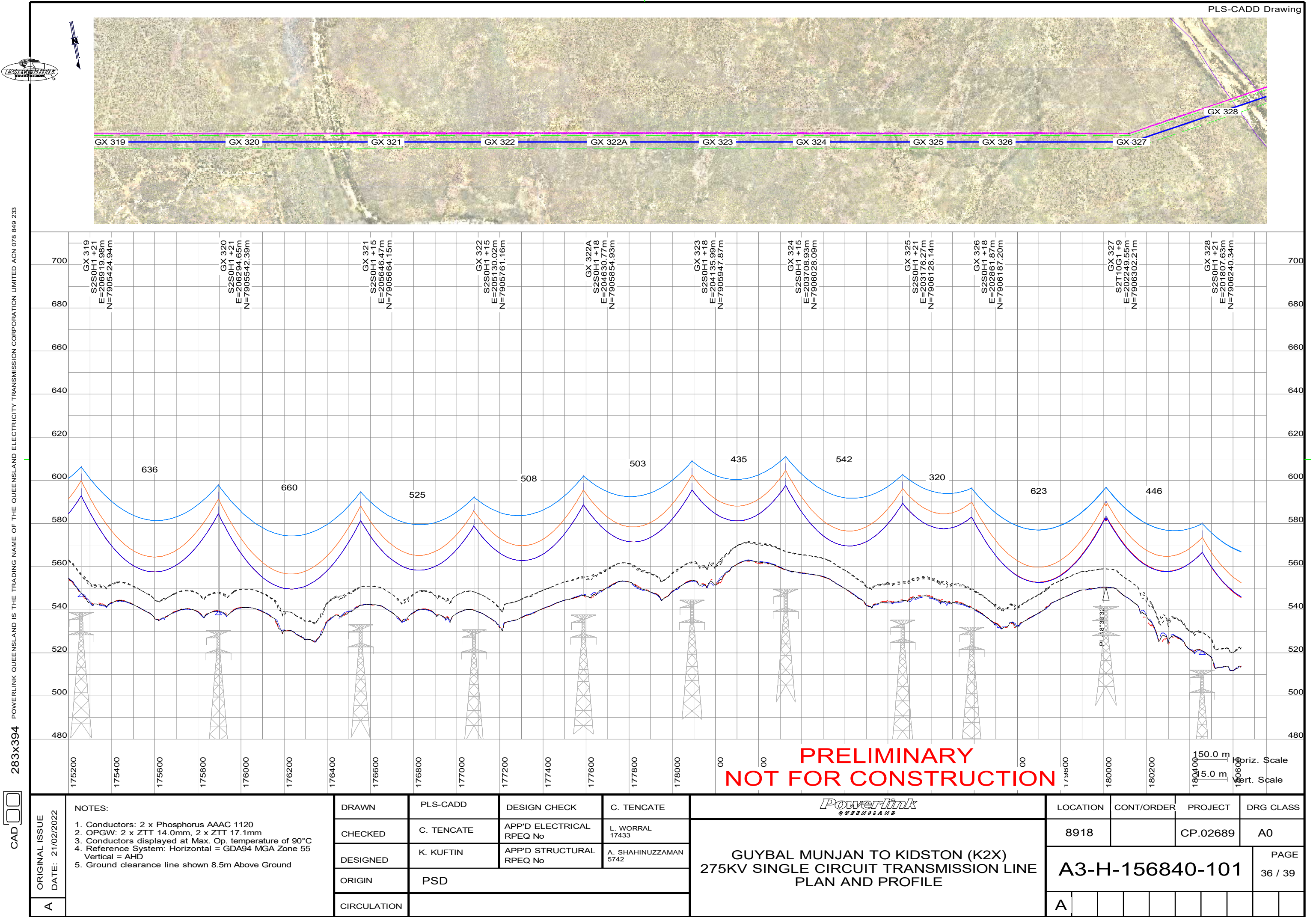


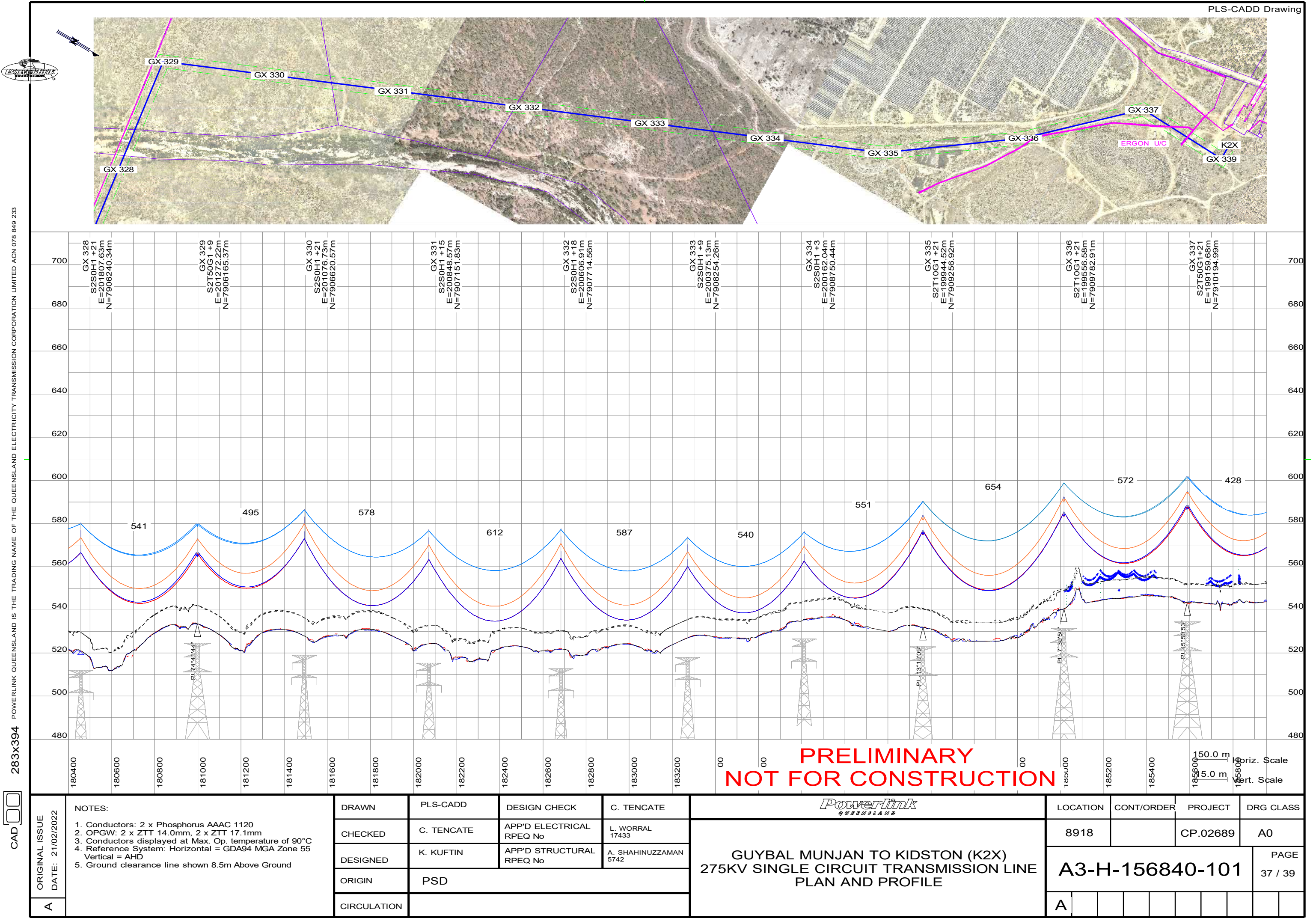


ORIGINAL ISSUE DATE: 21/02/2022	NOTES: 1. Conductors: 2 x Phosphorus AAAC 1120 2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm 3. Conductors displayed at Max. Op. temperature of 90°C 4. Reference System: Horizontal = GDA94 MGA Zone 55 Vertical = AHD 5. Ground clearance line shown 8.5m Above Ground	DRAWN	PLS-CADD	DESIGN CHECK	C. TENCATE	Powerlink QUEENSLAND										LOCATION	CONT/ORDER	PROJECT	DRG CLASS						
		CHECKED	C. TENCATE	APP'D ELECTRICAL RPEQ No	L. WORRAL 17433	GUYBAL MUNJAN TO KIDSTON (K2X) 275KV SINGLE CIRCUIT TRANSMISSION LINE PLAN AND PROFILE										8918		CP.02689	A0						
		DESIGNED	K. KUFTIN	APP'D STRUCTURAL RPEQ No	A. SHAHINUZZAMAN 5742											A3-H-156840-101								PAGE 34 / 39	
		ORIGIN	PSD																						
		CIRCULATION																							
A																									



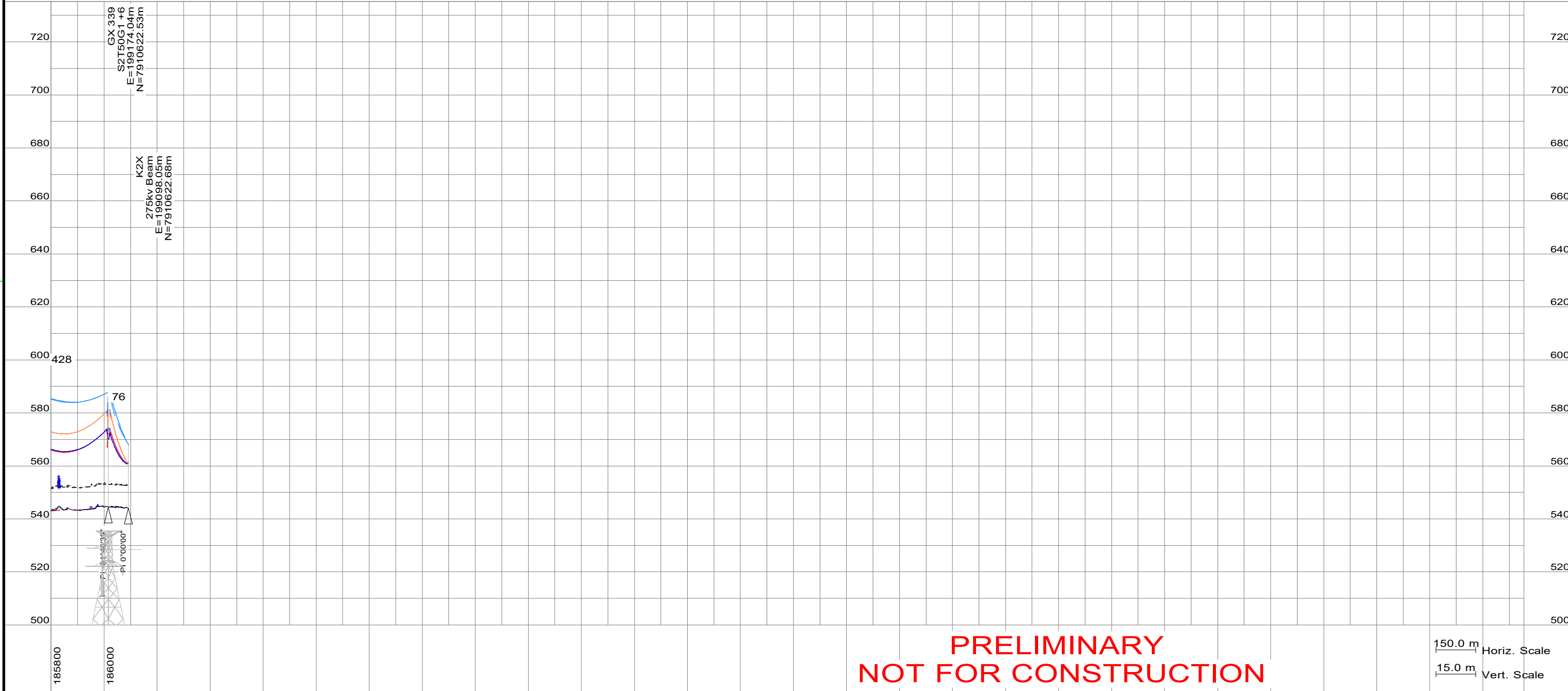
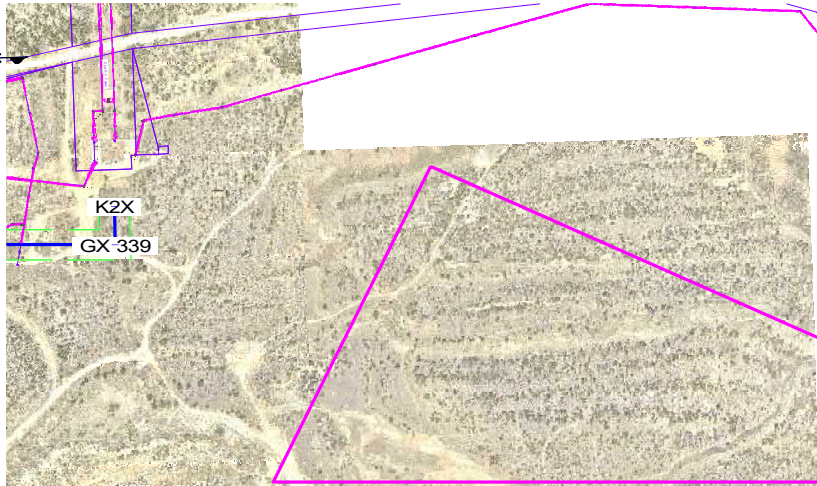
ORIGINAL ISSUE DATE: 21/02/2022	NOTES: 1. Conductors: 2 x Phosphorus AAAC 1120 2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm 3. Conductors displayed at Max. Op. temperature of 90°C 4. Reference System: Horizontal = GDA94 MGA Zone 55 Vertical = AHD 5. Ground clearance line shown 8.5m Above Ground	DRAWN	PLS-CADD	DESIGN CHECK	C. TENCATE	Powerlink 275KV SINGLE CIRCUIT TRANSMISSION LINE GUYBAL MUNJAN TO KIDSTON (K2X) PLAN AND PROFILE	LOCATION	CONT/ORDER	PROJECT	DRG CLASS		
		CHECKED	C. TENCATE	APP'D ELECTRICAL RPEQ No	L. WORRAL 17433		8918		CP.02689	A0		
		DESIGNED	K. KUFTIN	APP'D STRUCTURAL RPEQ No	A. SHAHINUZZAMAN 5742		A3-H-156840-101				PAGE 35 / 39	
		ORIGIN	PSD									
		CIRCULATION					A					







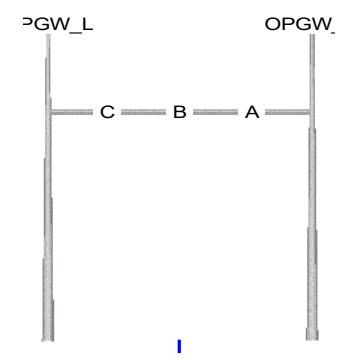
283x394 POWERLINK QUEENSLAND IS THE TRADING NAME OF THE QUEENSLAND ELECTRICITY TRANSMISSION CORPORATION LIMITED ACN 078 849 233



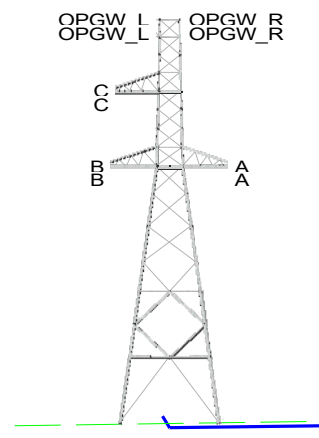
ORIGINAL ISSUE DATE: 21/02/2022	NOTES: 1. Conductors: 2 x Phosphorus AAAC 1120 2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm 3. Conductors displayed at Max. Op. temperature of 90°C 4. Reference System: Horizontal = GDA94 MGA Zone 55 Vertical = AHD 5. Ground clearance line shown 8.5m Above Ground	DRAWN	PLS-CADD	DESIGN CHECK	C. TENCATE	Powerlink QUEENSLAND										LOCATION	CONT/ORDER	PROJECT	DRG CLASS					
		CHECKED	C. TENCATE	APP'D ELECTRICAL RPEQ No	L. WORRAL 17433	GUYBAL MUNJAN TO KIDSTON (K2X) 275KV SINGLE CIRCUIT TRANSMISSION LINE PLAN AND PROFILE										8918		CP.02689	A0					
		DESIGNED	K. KUFTIN	APP'D STRUCTURAL RPEQ No	A. SHAHINUZZAMAN 5742											A3-H-156840-101								PAGE 38 / 39
		ORIGIN	PSD																					
		CIRCULATION																						
A																								



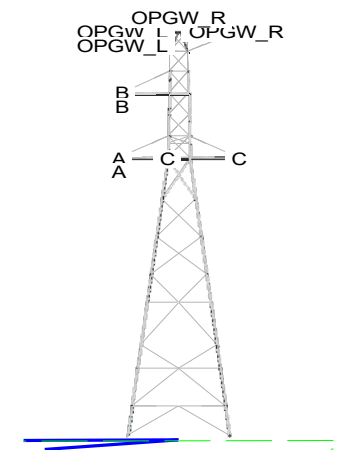
283x394 POWERLINK QUEENSLAND IS THE TRADING NAME OF THE QUEENSLAND ELECTRICITY TRANSMISSION CORPORATION LIMITED ACN 078 849 233



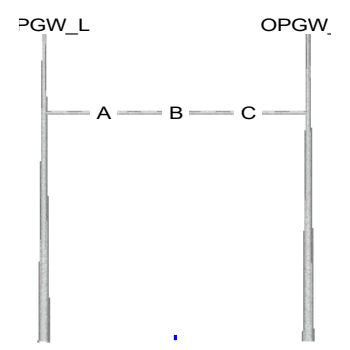
GM Beam



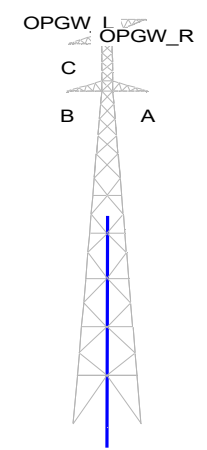
GX 1



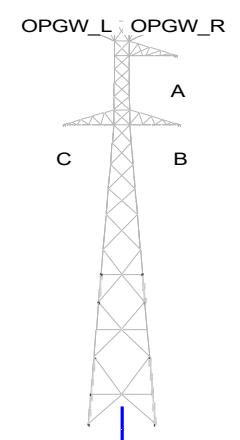
GX 339



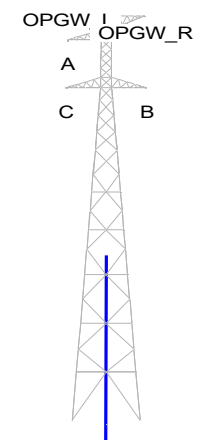
K2X



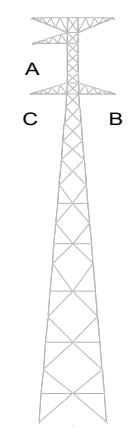
GX 116



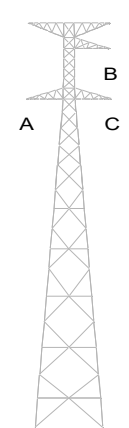
GX 117



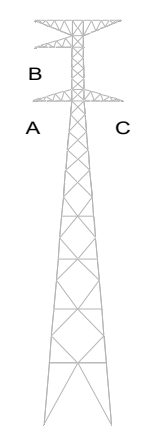
GX 118



GX 229



GX 230



GX 231

**PRELIMINARY
NOT FOR CONSTRUCTION**

ORIGINAL ISSUE DATE: 21/02/2022 A	NOTES: 1. Conductors: 2 x Phosphorus AAAC 1120 2. OPGW: 2 x ZTT 14.0mm, 2 x ZTT 17.1mm 3. Conductors displayed at Max. Op. temperature of 90°C 4. Reference System: Horizontal = GDA94 MGA Zone 55 Vertical = AHD 5. Ground clearance line shown 8.5m Above Ground	DRAWN	PLS-CADD	DESIGN CHECK	C. TENCATE		LOCATION	CONT/ORDER	PROJECT	DRG CLASS	
		CHECKED	C. TENCATE	APP'D ELECTRICAL RPEQ No	L. WORRAL 17433	GUYBAL MUNJAN TO KIDSTON (K2X) 275KV SINGLE CIRCUIT TRANSMISSION LINE PLAN AND PROFILE	8918		CP.02689	A0	
		DESIGNED	K. KUFTIN	APP'D STRUCTURAL RPEQ No	A. SHAHINUZZAMAN 5742		A3-H-156840-101				PAGE 39 / 39
		ORIGIN	PSD				A				
		CIRCULATION									