

FROM SYDNEY TO SINGLETON

- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010.
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020.
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088.

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES



PLAN
SCALE 1:500

FOR CONSTRUCTION

© 2010 Australian Rail Track Corporation Ltd. Drawing standard in accordance with Hunter 8 Alliance standards	
Used on / Next higher assembly:	H8R-DWG-S2G-GEN-1109
Alternate DMS number:	

ARTC APPROVAL	Approved By				
Signed:					
Approval Date	06.08.10	ISSUED FOR CONSTRUCTION	M.J.W	D.W*	G.W*
Rev	Date	Revision Description	Drawn	Checked	Approv.

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2796 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Approved G.WICKENS*	Date 10.08.2010

Hunter ALLIANCE

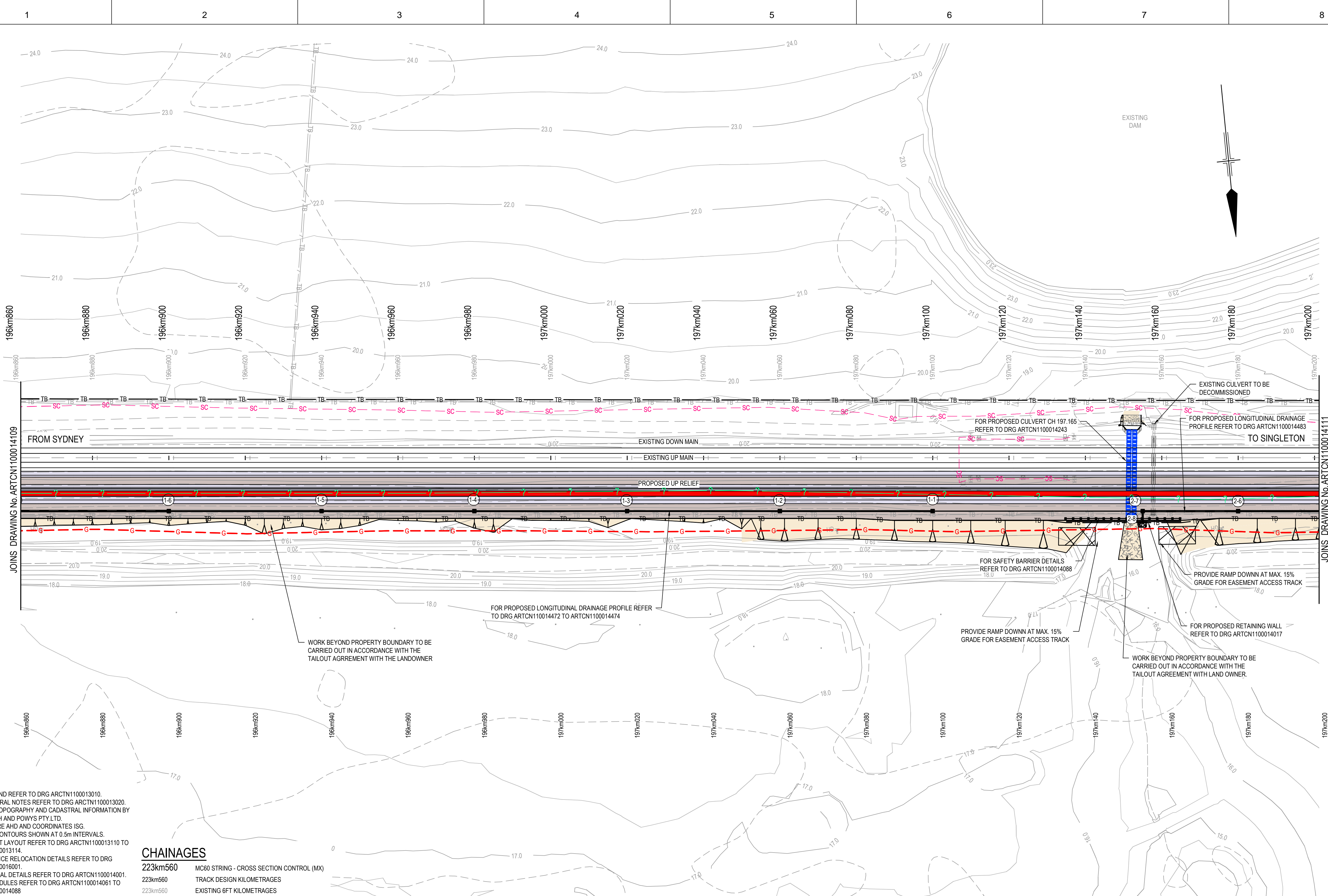
ARTC DWG NUMBER 0

ARTCN1100014109

MAITLAND TO MINIMBAH - THIRD TRACK
GENERAL ARRANGEMENT
196km520 TO 196km860

Sheet No.
9 of 91
Scale (A1):
1:500

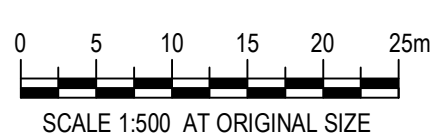
PLOT DATE: 11 August 2010 12:24 PM PLOTTED BY: MSM2
 GHD FILE PATH: G:\2010\14630\Drawings\ARTCN1100014109.dwg



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES



PLAN
SCALE 1:500

© 2010 Australian Rail Track Corporation Ltd.
Drawing standard in accordance with Hunter 8 Alliance standards

Used on / Next higher assembly:
H8R-DWG-S2G-GEN-1110

Alternate DMS number:

ARTC APPROVAL		Approved By			
Signed:					
Approval Date		06.08.10		ISSUED FOR CONSTRUCTION	
Rev	Date	Revision Description	Drawn	Checked	Approved
			M.J.W	D.W*	G.W*

Designing Company:
GHD
GHD Job Number:
22-14630

Address:
Level 3 GHD Tower, 24 Honeysuckle Drive
Newcastle NSW 2300 Australia
P 61 2 4941 2706
W www.hunter8alliance.com.au

Drawn
M.WRIGHT

Designed
R.STEPHENS

Drafting Check
M.DERWIN*

Design Check
P.PIGRAM*

Approved
G.WICKENS*

Date
10.08.2010

Conditions of Use:
This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.

This Drawing must not be used for construction unless signed as Approved

Hunter ALLIANCE

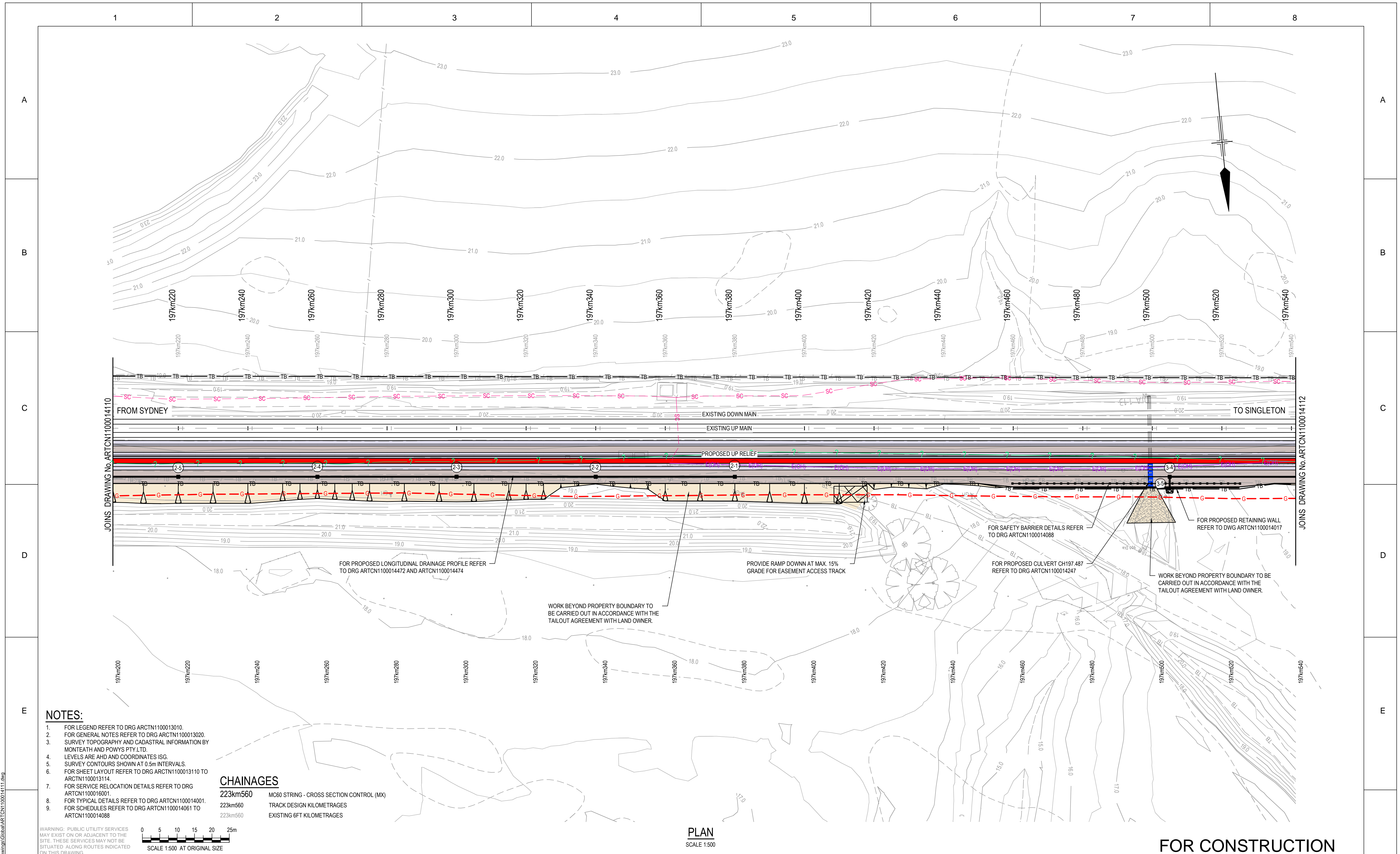
ARTC DWG NUMBER: 0

ARTCN1100014110

MAITLAND TO MINIMBAH - THIRD TRACK
GENERAL ARRANGEMENT
196km860 TO 197km200

Sheet No.
10 of 91
Scale (A1):
1:500

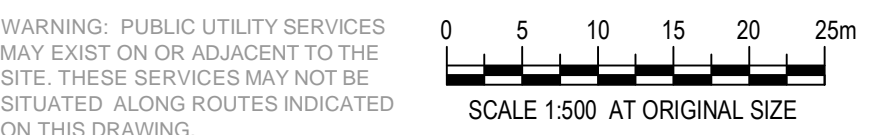
PLOT DATE: 11 August 2010 12:26 PM PLOTTED BY: MSB2
GHD FILE PATH: G:\2010\14110\Drawings\Subarea\ARTCN1100014110.dwg



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES



PLAN
SCALE 1:500

FOR CONSTRUCTION

© 2010 Australian Rail Track Corporation Ltd. Drawing standard in accordance with Hunter 8 Alliance standards	
Used on / Next higher assembly:	H8R-DWG-S2G-GEN-1111
Alternate DMS number:	

ARTC APPROVAL Approved By					
Signed:					
Approval Date	0	06.08.10	ISSUED FOR CONSTRUCTION	M.J.W	D.W*
Rev	Date	Revision Description		Drawn	Checked

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2706 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Approved G.WICKENS*	Date 10.08.2010

Hunter ALLIANCE

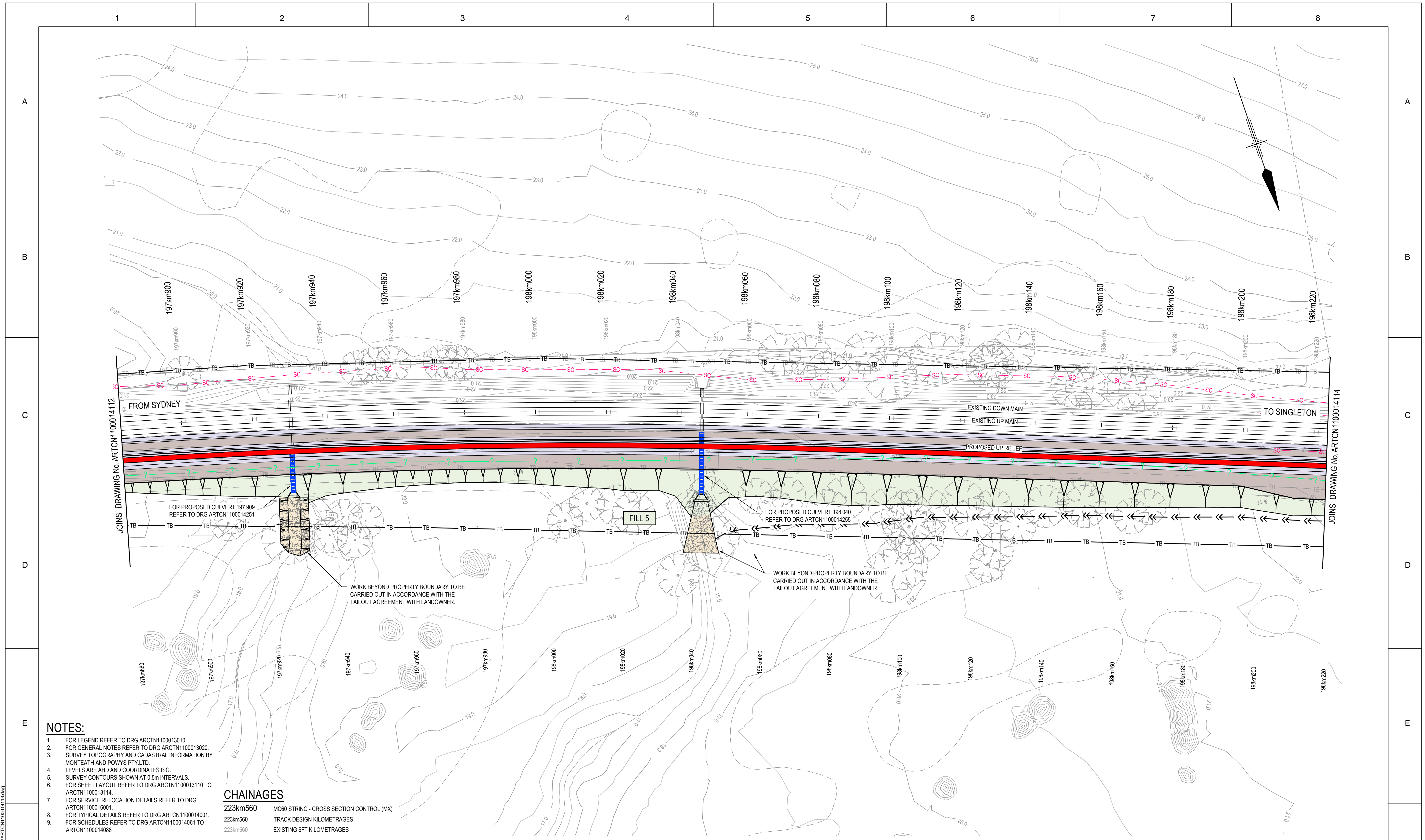
ARTC DWG NUMBER 0

ARTCN1100014111

MAITLAND TO MINIMBAH - THIRD TRACK
GENERAL ARRANGEMENT
197km200 TO 197km540

Sheet No.
11 of 91
Scale (A1):
1:500

PLOT DATE: 11 August 2010 12:28 PM PLOTTED BY: MSM2
GHD FILE PATH: G:\2010\14111\Drawings\Subarea\ARTCN1100014111.dwg



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES

WARNING: PUBLIC UTILITY SERVICES MAY EXIST ON OR ADJACENT TO THE SITE. THESE SERVICES MAY NOT BE SITUATED ALONG ROUTES INDICATED ON THIS DRAWING.



PLAN
SCALE 1:500

FOR CONSTRUCTION

© 2010 Australian Rail Track Corporation Ltd. Drawing standard in accordance with Hunter 8 Alliance standards	
Used on / Next higher assembly:	H8R-DWG-NUMBER H8R-DWG-S2G-GEN-1113
	Alternate DMS number:

ARTC APPROVAL	Approved By				
Signed:					
Approval Date	06.08.10	ISSUED FOR CONSTRUCTION	M.J.W	D.W*	G.W*
Rev	Date	Revision Description	Drawn	Checked	Approv.

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2796 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Approved G.WICKENS*	Date 10.08.2010

Hunter ALLIANCE

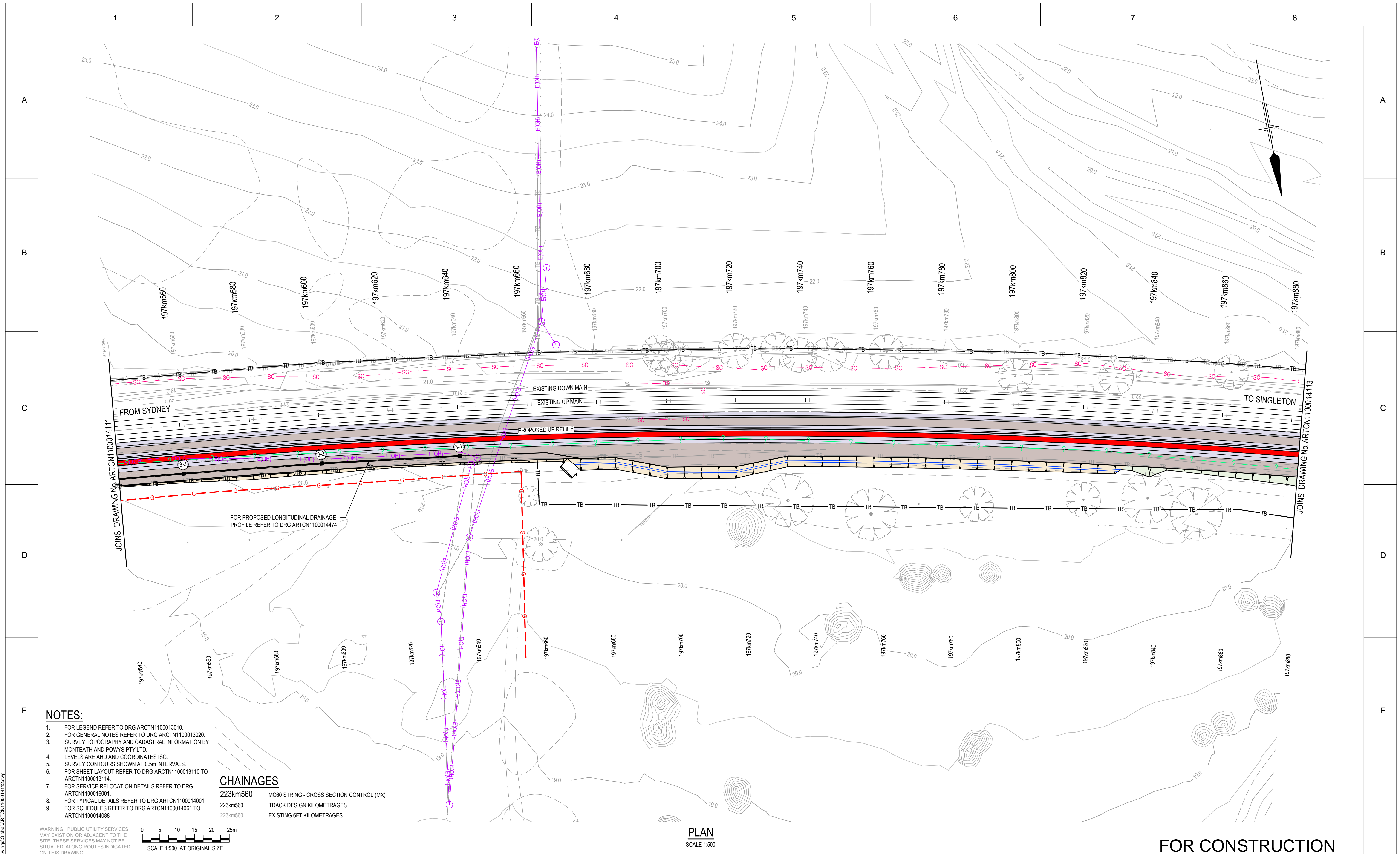
ARTC DWG NUMBER **0**

ARTCN1100014113

MAITLAND TO MINIMBAH - THIRD TRACK
GENERAL ARRANGEMENT
197km880 TO 198km220

Sheet No.
13 of 91
Scale (A1):
1:500

PLOT DATE: 11 August 2010 12:30 PM PLOTTED BY: MSM2
GHD FILE PATH: G:\2010\14630\Drawings\Subarea\ARTCN1100014113.dwg



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088.

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES

WARNING: PUBLIC UTILITY SERVICES MAY EXIST ON OR ADJACENT TO THE SITE. THESE SERVICES MAY NOT BE SITUATED ALONG ROUTES INDICATED ON THIS DRAWING.

0 5 10 15 20 25m
SCALE 1:500 AT ORIGINAL SIZE

PLAN
SCALE 1:500

© 2010 Australian Rail Track Corporation Ltd.
Drawing standard in accordance with Hunter 8 Alliance standards

Used on / Next higher assembly:	H8R-DWG-S2G-GEN-1112
Alternate DMS number:	

ARTC APPROVAL	Approved By				
Signed:					
Approval Date	06.08.10	ISSUED FOR CONSTRUCTION	M.J.W	D.W*	G.W*
Rev	Date	Revision Description	Drawn	Checked	Approv.

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2706 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Approved G.WICKENS*	Date 10.08.2010

Conditions of Use:
This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.

Hunter ALLIANCE

ARTC DWG NUMBER **0**

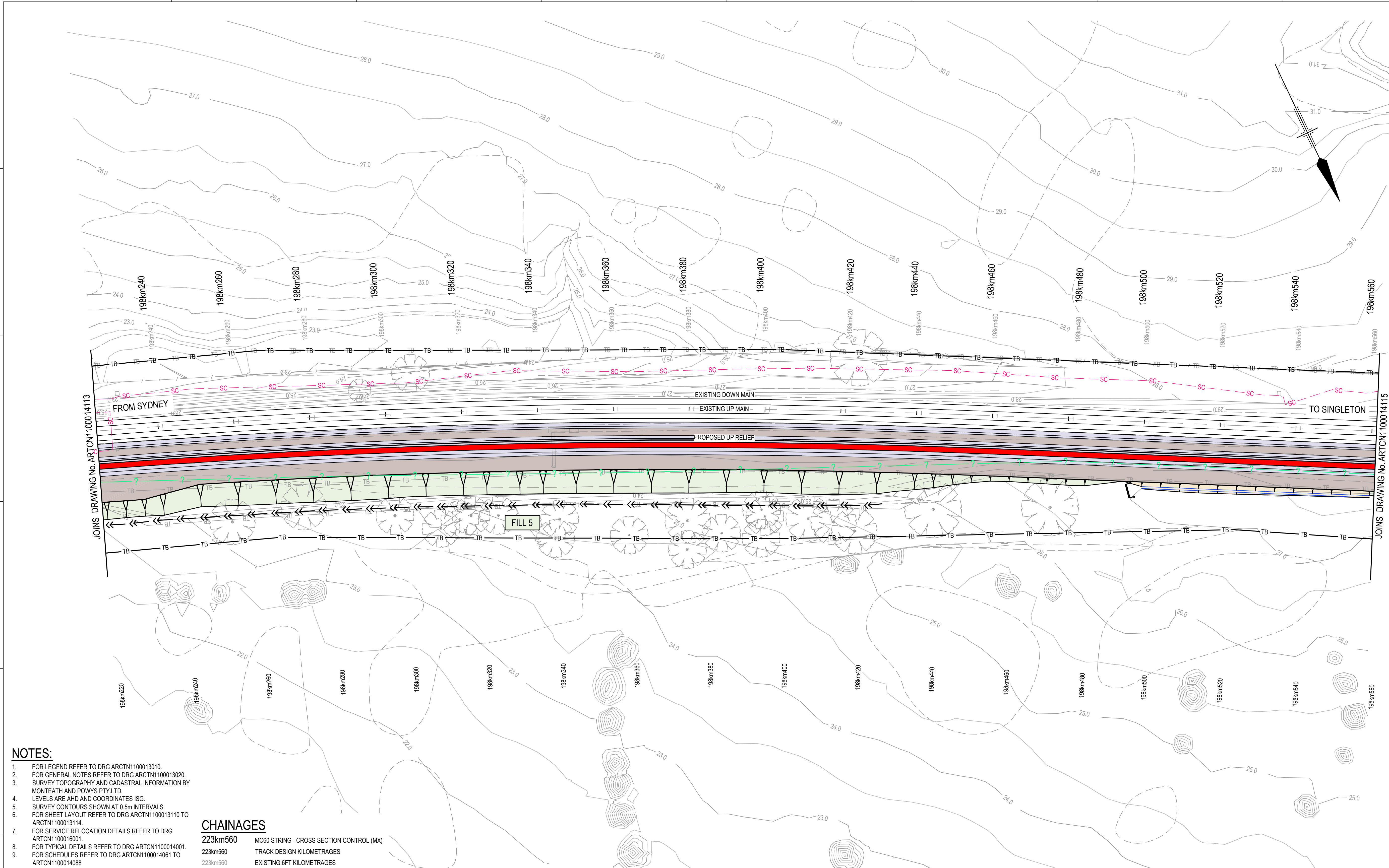
ARTCN1100014112

FOR CONSTRUCTION

MAITLAND TO MINIMBAH - THIRD TRACK
GENERAL ARRANGEMENT
197km540 TO 197km880

Sheet No.
12 of 91
Scale (A1):
1:500

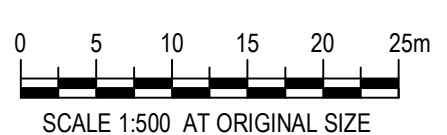
PLOT DATE: 11 August 2010 12:28 PM PLOTTED BY: MSM2
GHD FILE PATH: G:\2010\14630\Drawings\Subarea\ARTCN1100014112.dwg



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES



PLAN
SCALE 1:500

© 2010 Australian Rail Track Corporation Ltd.
Drawing standard in accordance with Hunter 8 Alliance standards

Used on / Next higher assembly:	H8R-DWG-S2G-GEN-1114
Alternate DMS number:	

ARTC APPROVAL		Approved By			
Signed:					
Approval Date	06.08.10	ISSUED FOR CONSTRUCTION	M.J.W	D.W*	G.W*
Rev	Date	Revision Description	Drawn	Checked	Approv.

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2706 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Approved G.WICKENS*	Date 10.08.2010

FOR CONSTRUCTION

ARTC DWG NUMBER **0**

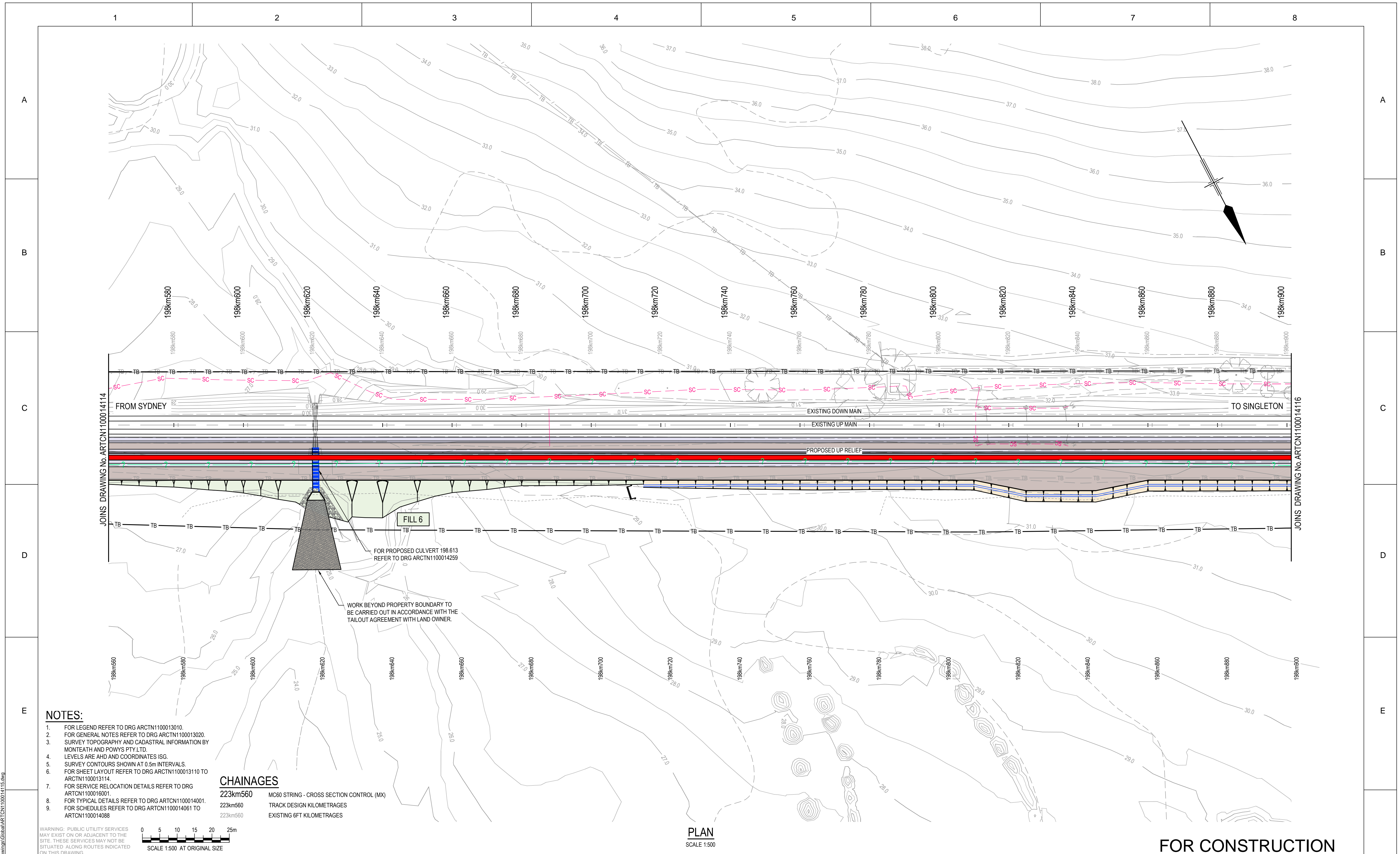
ARTCN1100014114

Hunter ALLIANCE

MAITLAND TO MINIMBAH - THIRD TRACK
GENERAL ARRANGEMENT
198km220 TO 198km560

Sheet No.
14 of 91
Scale (A1):
1:500

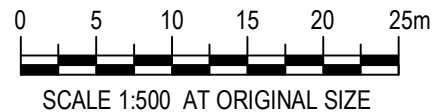
PLOT DATE: 11 August 2010 12:31 PM PLOTTED BY: MSMB2
GHD FILE PATH: G:\2010\14114\Drawings\Subarea\ARTCN1100014114.dwg



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN100013010
 - FOR GENERAL NOTES REFER TO DRG ARCTN100013020
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN100013110 TO ARCTN100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN100014061 TO ARCTN100014088

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES



PLAN
SCALE 1:500

FOR CONSTRUCTION

© 2010 Australian Rail Track Corporation Ltd.
Drawing standard in accordance with Hunter 8 Alliance standards

Used on / Next higher assembly:
H8R-DWG-S2G-GEN-1115

Alternate DMS number:

ARTC APPROVAL		Approved By			
Signed:					
Approval Date		06.08.10		ISSUED FOR CONSTRUCTION	
Rev	Date	Revision Description	Drawn	Checked	Approved
			M.J.W	D.W*	G.W*

Designing Company:
GHD
GHD Job Number:
22-14630

Address:
Level 3 GHD Tower, 24 Honeysuckle Drive
Newcastle NSW 2300 Australia
F 61 2 4941 2706
W www.hunter8alliance.com.au

Drawn
M.WRIGHT

Designed
R.STEPHENS

Drafting Check
M.DERWIN*

Design Check
P.PIGRAM*

Approved
G.WICKENS*

Date
10.08.2010

Conditions of Use:
This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.

This Drawing must not be used for construction unless signed as Approved

Hunter ALLIANCE

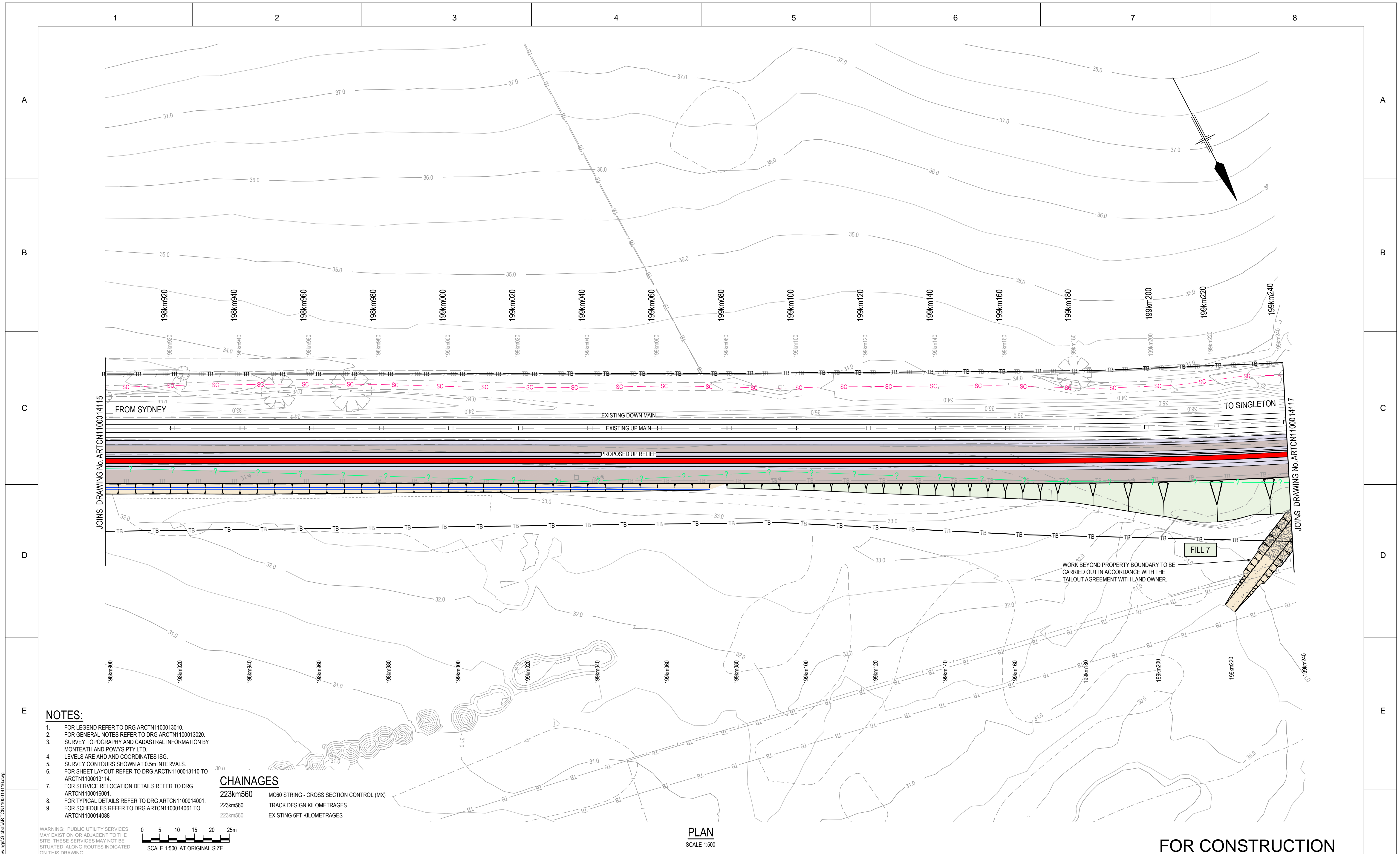
ARTC DWG NUMBER **0**

ARTCN100014115

MAITLAND TO MINIMBAH - THIRD TRACK
GENERAL ARRANGEMENT
198km560 TO 198km900

Sheet No.
15 of 91
Scale (A1):
1:500

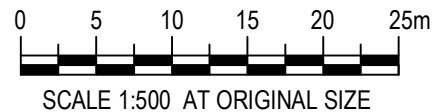
PLOT DATE: 11 August 2010 12:32 PM PLOTTED BY: MSM2
GHD FILE PATH: G:\2010\14115\Drawings\Subarea\ARTCN100014115.dwg



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010.
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020.
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088.

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES



PLAN
SCALE 1:500

FOR CONSTRUCTION

© 2010 Australian Rail Track Corporation Ltd.
Drawing standard in accordance with Hunter 8 Alliance standards

Used on / Next higher assembly:
H8R-DWG-S2G-GEN-1116

Alternate DMS number:

ARTC APPROVAL		Approved By			
Signed:					
Approval Date		06.08.10		ISSUED FOR CONSTRUCTION	
Rev	Date	Revision Description	Drawn	Checked	Approved
			M.J.W	D.W*	G.W*

Designing Company:
GHD
GHD Job Number:
22-14630

Drawn
M.WRIGHT

Drafting Check
M.DERWIN*

Address:
Level 3 GHD Tower, 24 Honeysuckle Drive
Newcastle NSW 2300 Australia
P 61 2 4941 2796
W www.hunter8alliance.com.au

Designed
R.STEPHENS

Design Check
P.PIGRAM*

Approved
G.WICKENS*

Date
10.08.2010

Conditions of Use:
This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.

This Drawing must not be used for Construction unless signed as Approved

Hunter ALLIANCE

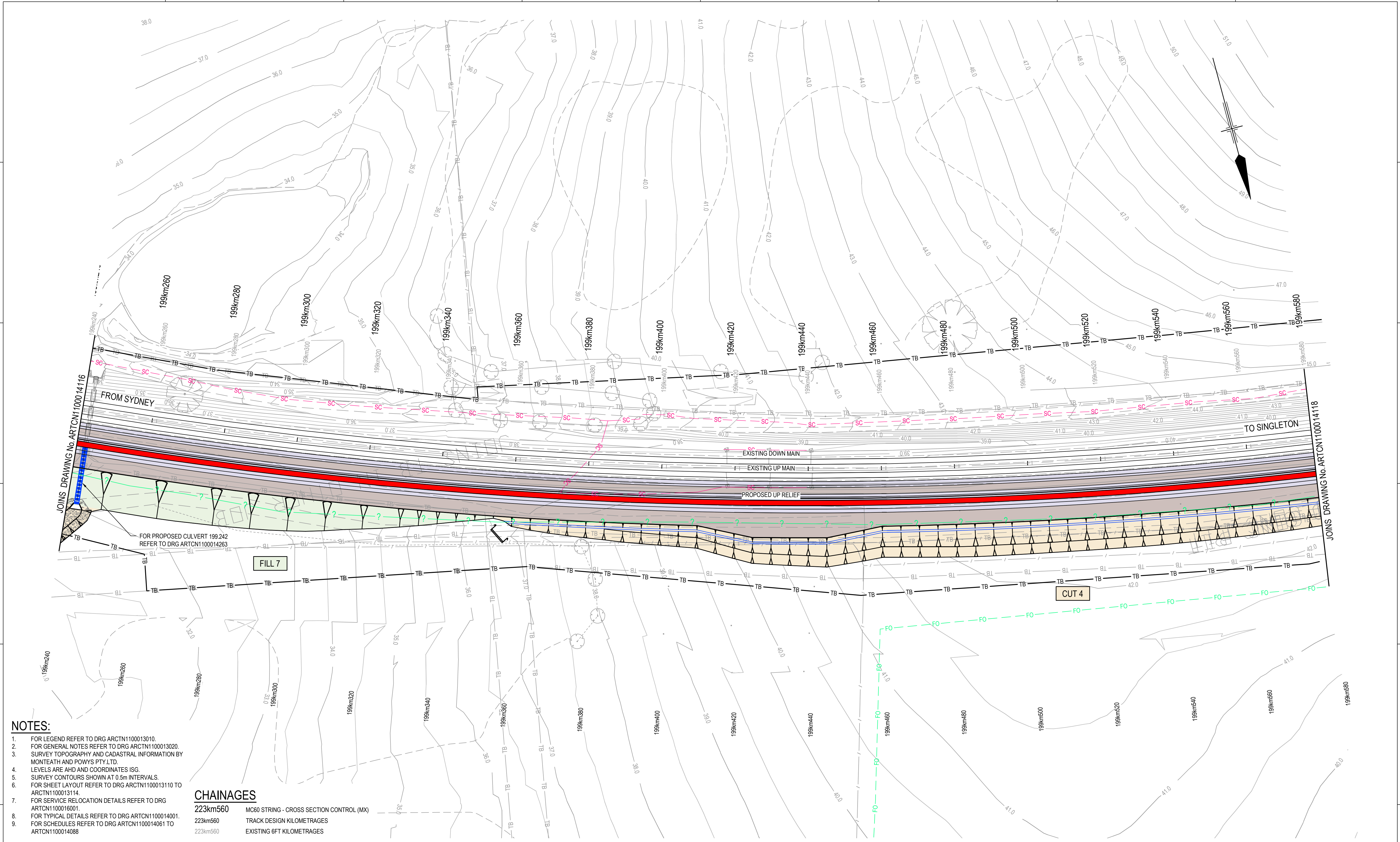
ARTC DWG NUMBER 0

ARTCN1100014116

MAITLAND TO MINIMBAH - THIRD TRACK
GENERAL ARRANGEMENT
198km900 TO 199km240

Sheet No.
16 of 91
Scale (A1):
1:500

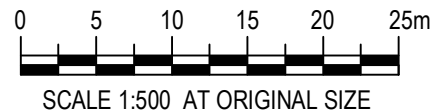
PLOT DATE: 11 August 2010 12:34 PM PLOTTED BY: MSB2
GHD FILE PATH: G:\2010\14116\Drawings\Subarea\ARTCN1100014116.dwg



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010.
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020.
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088.

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES



PLAN
SCALE 1:500

© 2010 Australian Rail Track Corporation Ltd. Drawing standard in accordance with Hunter 8 Alliance standards	
Used on / Next higher assembly:	H8R-DWG-S2G-GEN-1117
Alternate DMS number:	

ARTC APPROVAL	Approved By				
ARTC DWG NUMBER	0	06.08.10	ISSUED FOR CONSTRUCTION	M.J.W	D.W*
Approval Date	Rev	Date	Revision Description	Drawn	Checked

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2796 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Approved G.WICKENS*	Date 10.08.2010

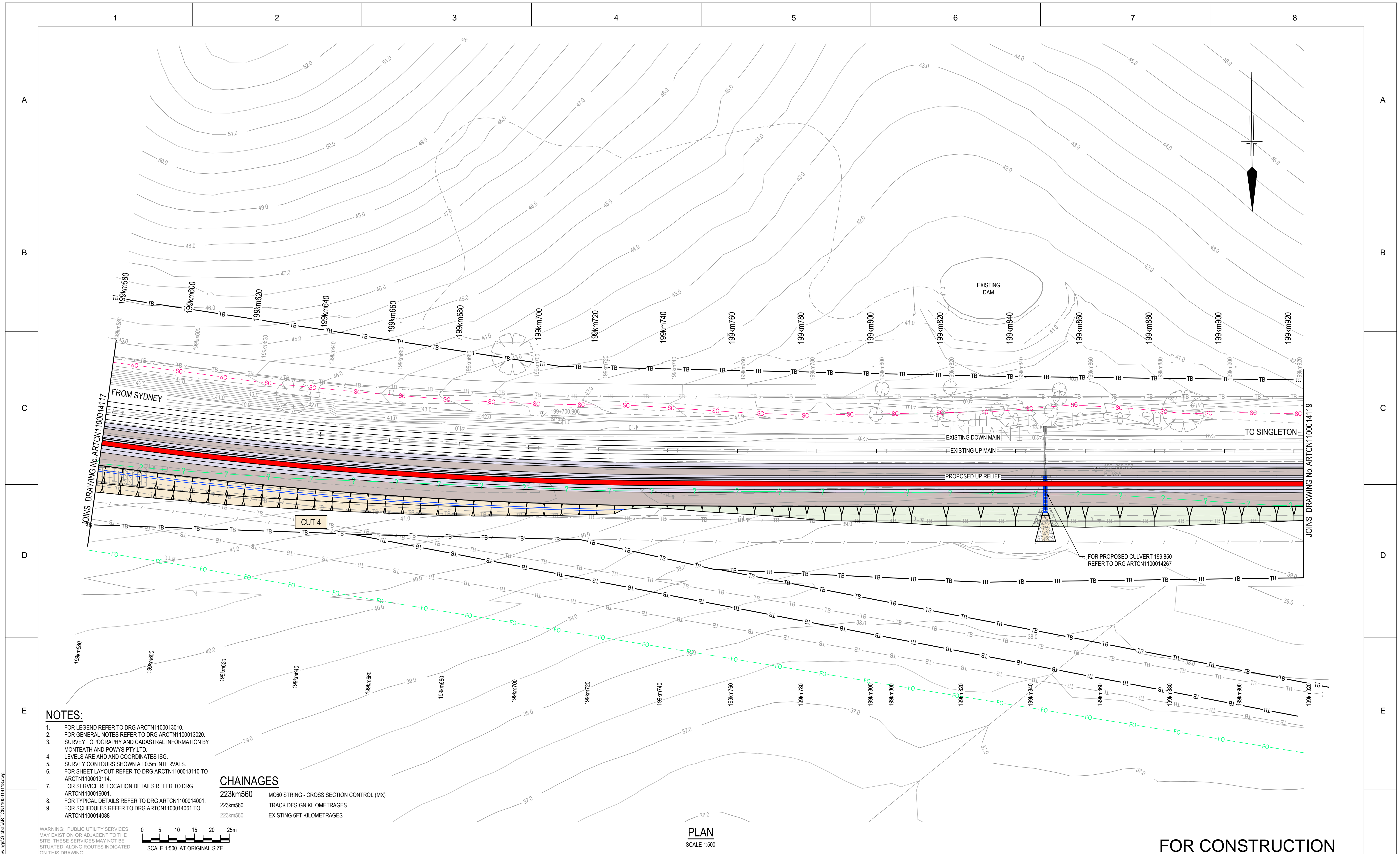
FOR CONSTRUCTION

ARTCN1100014117

MAITLAND TO MINIMBAH - THIRD TRACK
GENERAL ARRANGEMENT
199km240 TO 199km580

Sheet No.
17 of 91
Scale (A1):
1:500

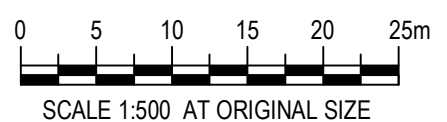
PLOT DATE: 11 August 2010 12:25 PM PLOTTED BY: MSM2
GHD FILE PATH: G:\2010\1471\CD\Drawings\Subarea\ARTCN1100014117.dwg



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES



PLAN
SCALE 1:500

© 2010 Australian Rail Track Corporation Ltd.
Drawing standard in accordance with Hunter 8 Alliance standards

Used on / Next higher assembly:	H8R-DWG-S2G-GEN-1118
Alternate DMS number:	

ARTC APPROVAL		Approved By			
Signed:					
Approval Date		06.08.10		ISSUED FOR CONSTRUCTION	
Rev	Date	Revision Description	Drawn	Checked	Approved
			M.J.W	D.W*	G.W*

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2706 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Approved G.WICKENS*	Date 10.08.2010

Hunter ALLIANCE

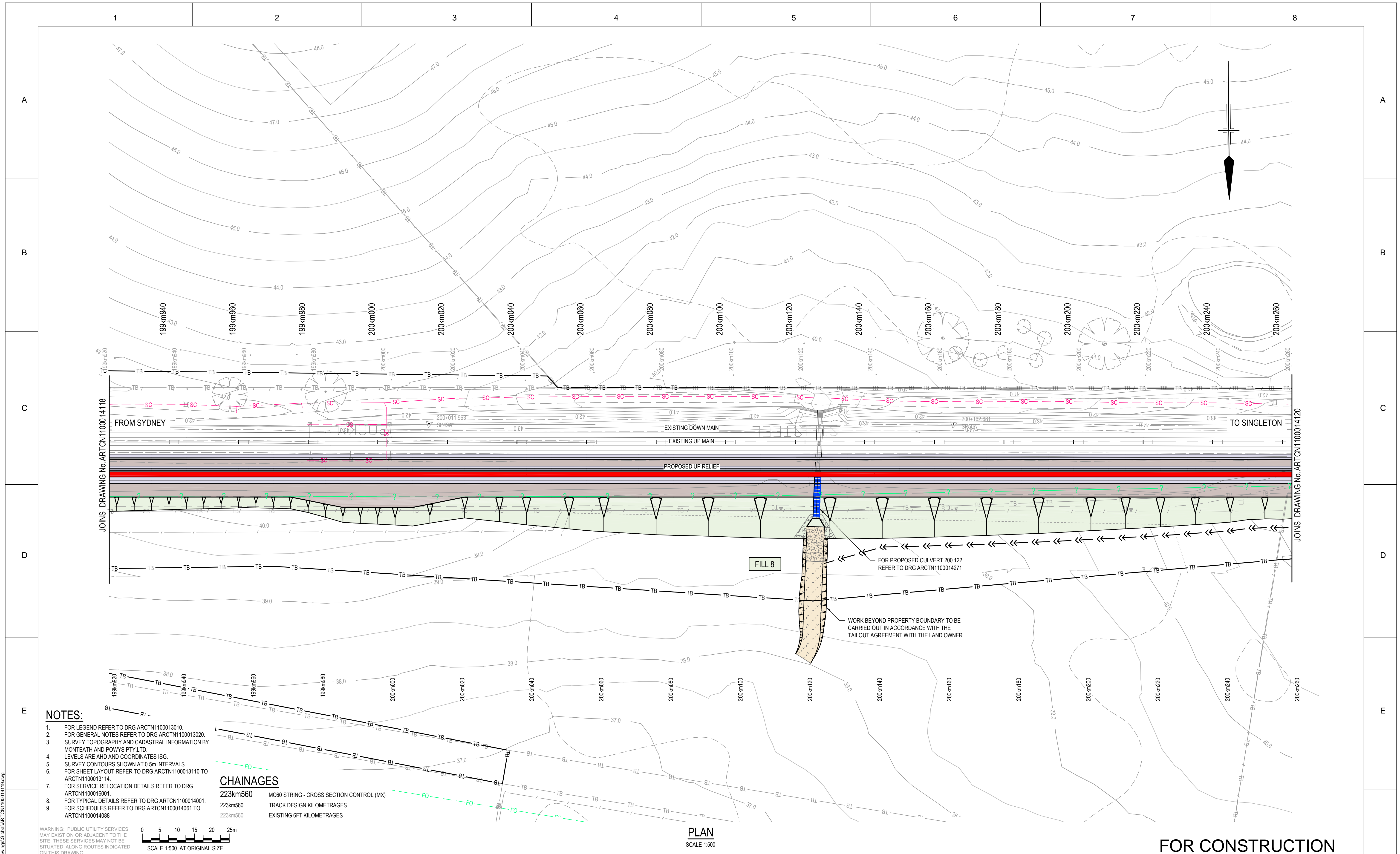
ARTC DWG NUMBER 0

ARTCN1100014118

MAITLAND TO MINIMBAH - THIRD TRACK
GENERAL ARRANGEMENT
199km580 TO 199km920

Sheet No.
18 of 91
Scale (A1):
1:500

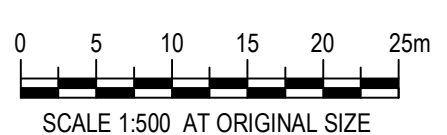
PLOT DATE: 10 August 2010 3:30 PM PLOTTED BY: MWR1 GHD FILE PATH: G:\2214630\Drawings\Subarea\ARTCN1100014118.dwg



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES



PLAN
SCALE 1:500

FOR CONSTRUCTION

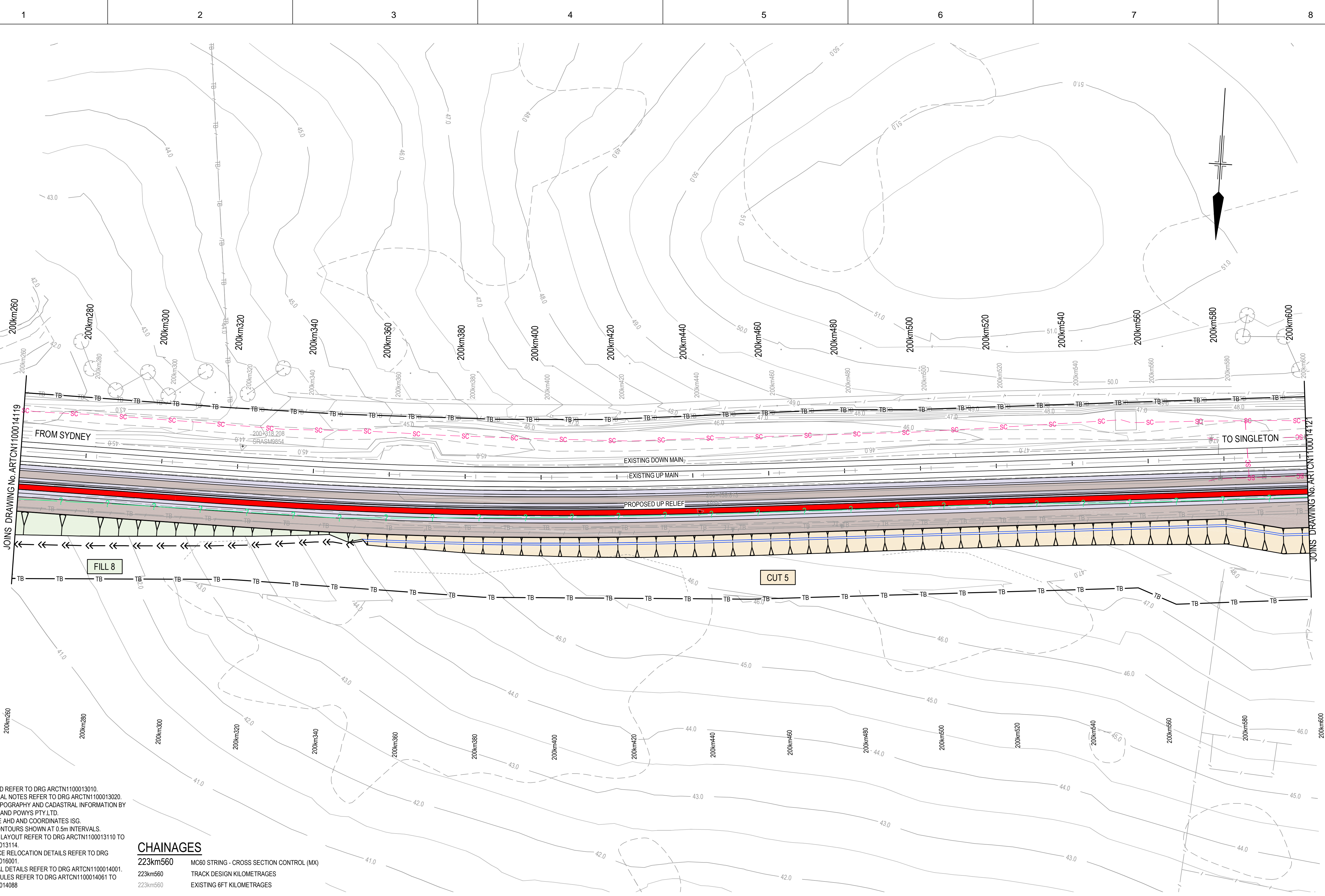
© 2010 Australian Rail Track Corporation Ltd. Drawing standard in accordance with Hunter 8 Alliance standards	
Used on / Next higher assembly:	H8R-DWG-S2G-GEN-1119
Alternate DMS number:	

ARTC APPROVAL Approved By	
Signed:	
Approval Date	06.08.10
Rev	0
Date	06.08.10
Revision Description	ISSUED FOR CONSTRUCTION
Drawn	M.J.W
Checked	D.W*
Approved	G.WICKENS*
Date	10.08.2010

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2796 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Conditions of Use: This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.	
This Drawing must not be used for construction unless signed as Approved	

	ARTC DWG NUMBER	0
	ARTCN1100014119	
MAITLAND TO MINIMBAH - THIRD TRACK GENERAL ARRANGEMENT		Sheet No. 19 of 91 Scale (A1): 1:500
199km920 TO 200km260		

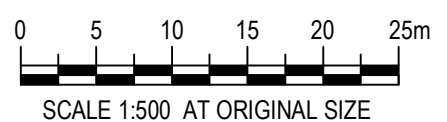
PLOT DATE: 10 August 2010 3:31 PM PLOTTED BY: MWR1
 GHD FILE PATH: G:\2010\14630\Drawings\Subarea\ARTCN1100014119.dwg



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010.
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020.
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088.

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES



PLAN
SCALE 1:500

© 2010 Australian Rail Track Corporation Ltd.
Drawing standard in accordance with Hunter 8 Alliance standards

Used on / Next higher assembly:	H8R-DWG-S2G-GEN-1120
Alternate DMS number:	

ARTC APPROVAL		Approved By			
Signed:					
Approval Date	06.08.10	ISSUED FOR CONSTRUCTION	M.J.W	D.W*	G.W*
Rev	Date	Revision Description	Drawn	Checked	Approv.

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2796 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Approved G.WICKENS*	Date 10.08.2010

FOR CONSTRUCTION

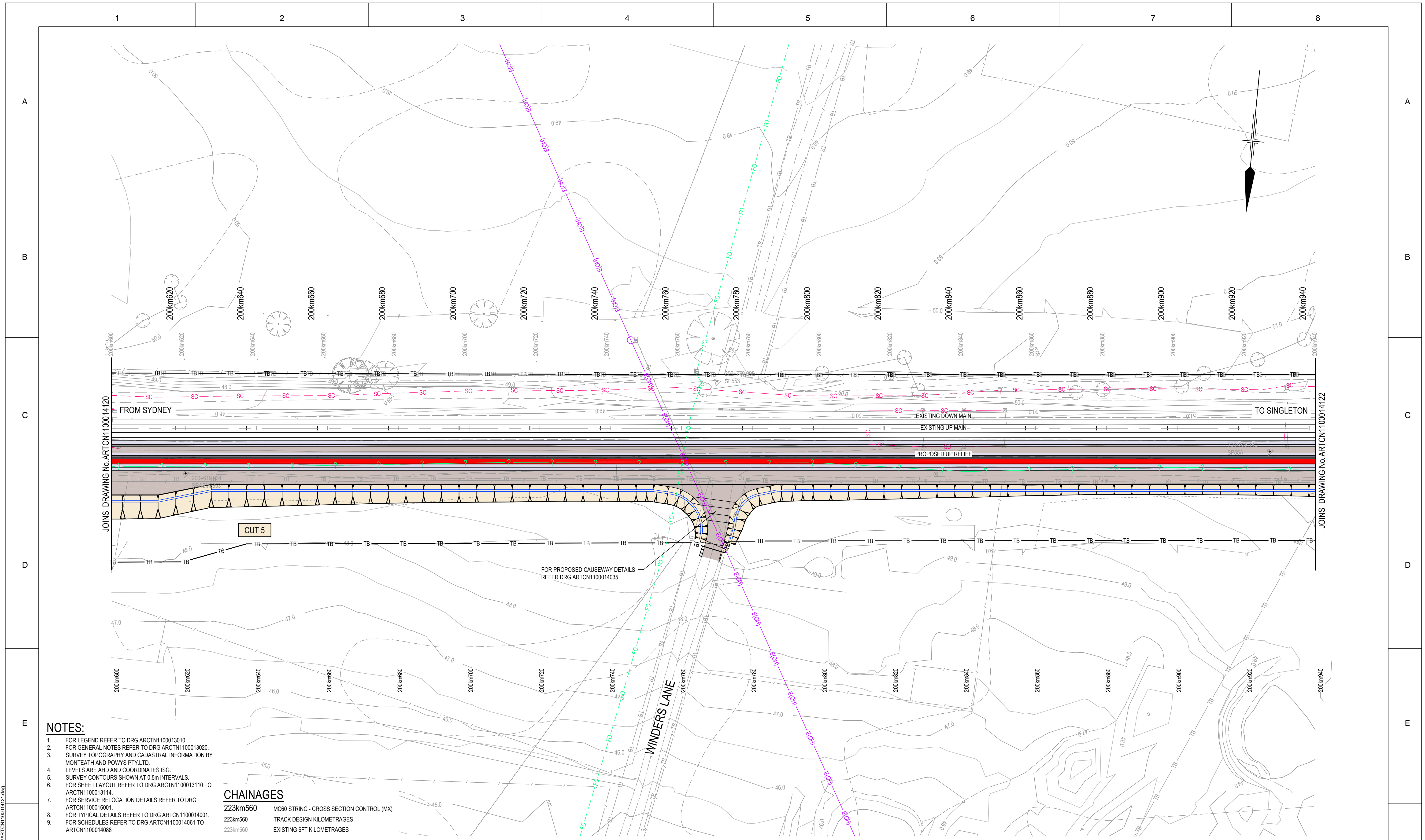
ARTC DWG NUMBER **0**

ARTCN1100014120

MAITLAND TO MINIMBAH - THIRD TRACK
GENERAL ARRANGEMENT
200km260 TO 200km600

Sheet No.
20 of 91
Scale (A1):
1:500

PLOT DATE: 10 August 2010 3:32 PM PLOTTED BY: MWR1 GHD FILE PATH: G:\2010\14630\Drawings\Subarea\ARTCN1100014120.dwg



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010.
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020.
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088.

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES

WARNING: PUBLIC UTILITY SERVICES MAY EXIST ON OR ADJACENT TO THE SITE. THESE SERVICES MAY NOT BE SITUATED ALONG ROUTES INDICATED ON THIS DRAWING.

0 5 10 15 20 25m
SCALE 1:500 AT ORIGINAL SIZE

PLAN
SCALE 1:500

FOR CONSTRUCTION

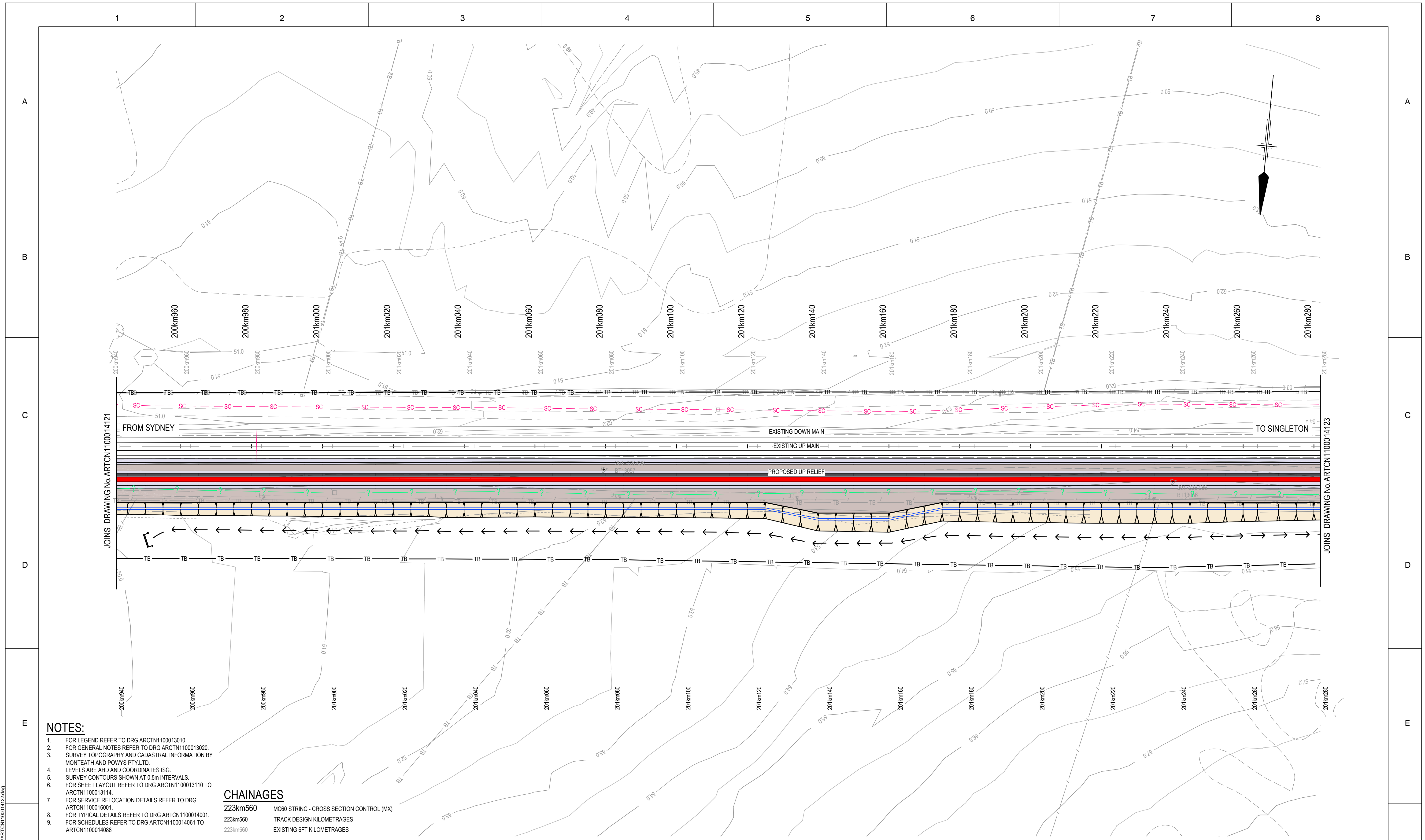
© 2010 Australian Rail Track Corporation Ltd. Drawing standard in accordance with Hunter 8 Alliance standards	
Used on / Next higher assembly:	H8R-DWG-S2G-GEN-1121
Alternate DMS number:	

ARTC APPROVAL Approved By		
Signed:		
Approval Date	06.08.10	
Rev	Date	
0	06.08.10	
	ISSUED FOR CONSTRUCTION	
Rev	Date	Revision Description

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2796 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Approved G.WICKENS*	Date 10.08.2010

	ARTC DWG NUMBER 0
	ARTCN1100014121
MAITLAND TO MINIMBAH - THIRD TRACK GENERAL ARRANGEMENT 200km600 TO 200km940	
Sheet No. 21 of 91 Scale (A1): 1:500	

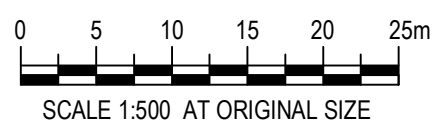
PLOT DATE: 10 August 2010 3:34 PM
 PLOTTED BY: MWR1
 GHD FILE PATH: G:\2010\14630\Drawings\Subarea\ARTCN1100014121.dwg



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES



PLAN
SCALE 1:500

FOR CONSTRUCTION

© 2010 Australian Rail Track Corporation Ltd. Drawing standard in accordance with Hunter 8 Alliance standards	
Used on / Next higher assembly:	H8R-DWG-S2G-GEN-1122
Alternate DMS number:	

ARTC APPROVAL	Approved By				
Signed:					
Approval Date	06.08.10	ISSUED FOR CONSTRUCTION	M.J.W	D.W*	G.W*
Rev	Date	Revision Description	Drawn	Checked	Approv.

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2796 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Approved G.WICKENS*	Date 10.08.2010

	ARTC DWG NUMBER	0
	ARTCN1100014122	
MAITLAND TO MINIMBAH - THIRD TRACK GENERAL ARRANGEMENT 200km940 TO 201km280		Sheet No. 22 of 91 Scale (A1): 1:500

PLOT DATE: 10 August 2010 3:35 PM PLOTTED BY: MWR1
 GHD FILE PATH: G:\2010\14630\Drawings\Subarea\ARTCN1100014122.dwg

1 2 3 4 5 6 7 8

A

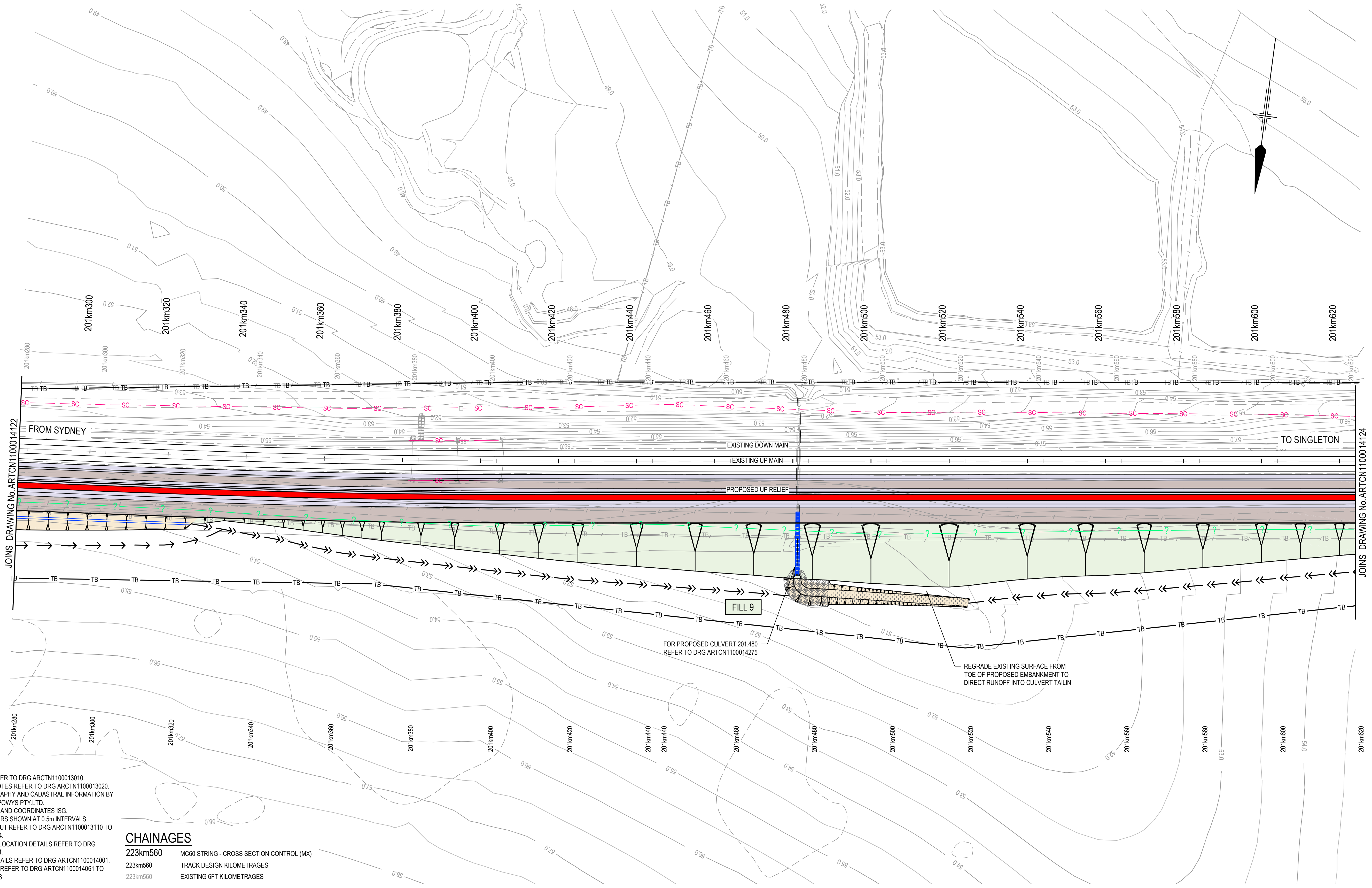
B

C

D

E

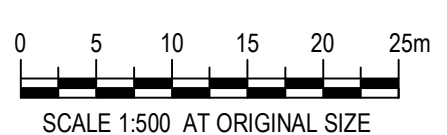
F



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES



PLAN
SCALE 1:500

FOR CONSTRUCTION

© 2010 Australian Rail Track Corporation Ltd. Drawing standard in accordance with Hunter 8 Alliance standards	
Used on / Next higher assembly:	H8R-DWG-S2G-GEN-1123
Alternate DMS number:	

ARTC APPROVAL Approved By					
Signed:					
Approval Date	06.08.10	ISSUED FOR CONSTRUCTION			
Rev	Date	Revision Description	Drawn	Checked	Approved
			M.J.W	D.W*	G.W*

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2796 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Approved G.WICKENS*	Date 10.08.2010

Hunter
ALLIANCE

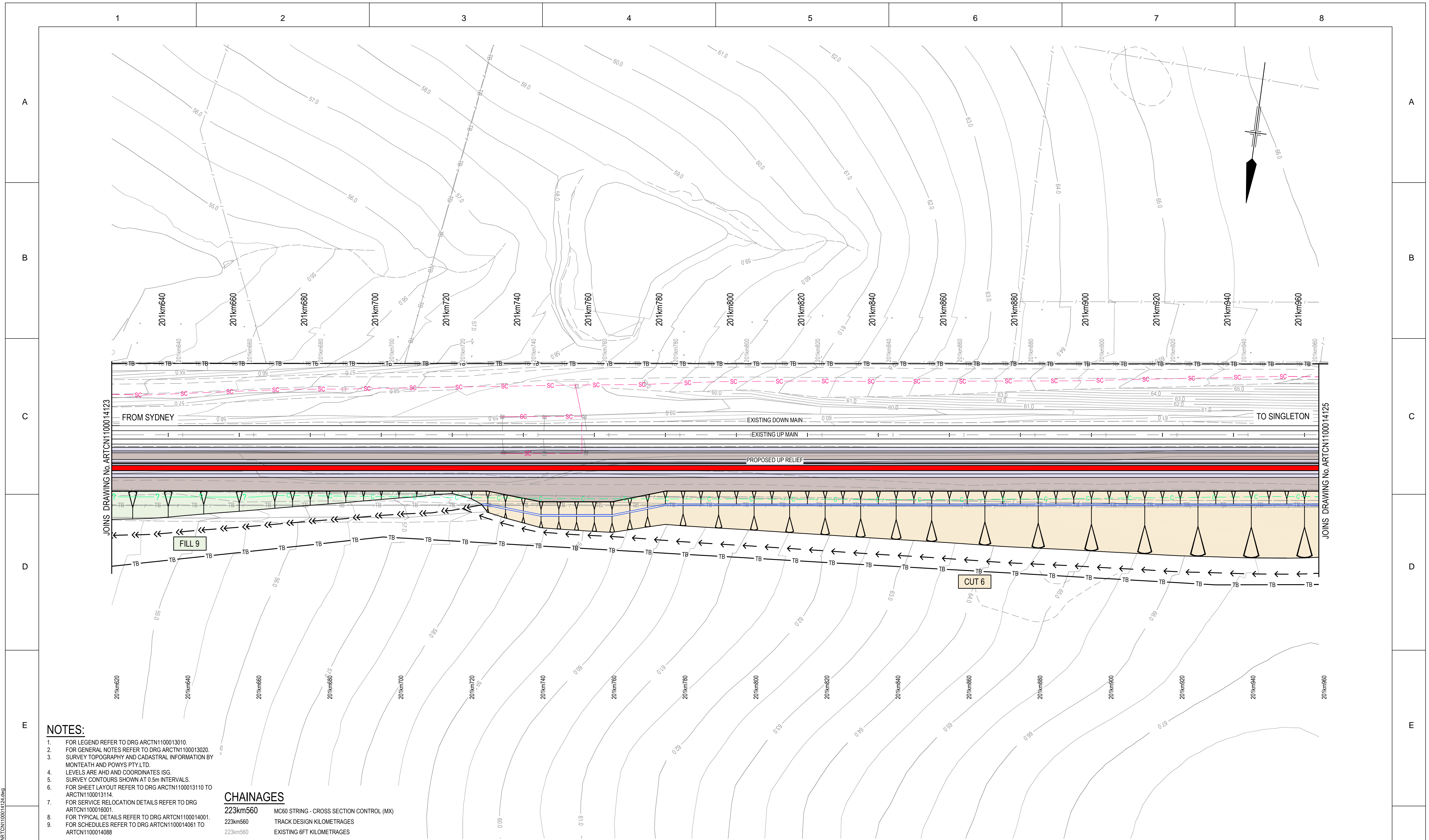
ARTC DWG NUMBER 0

ARTCN1100014123

MAITLAND TO MINIMBAH - THIRD TRACK
GENERAL ARRANGEMENT
201km280 TO201km620

Sheet No.
23 of 91
Scale (A1):
1:500

PLOT DATE: 10 August 2010 3:36 PM PLOTTED BY: MWR1 GHD FILE PATH: G:\2010\14630\Drawings\Subarea\ARTCN1100014123.dwg



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES

WARNING: PUBLIC UTILITY SERVICES MAY EXIST ON OR ADJACENT TO THE SITE. THESE SERVICES MAY NOT BE SITUATED ALONG ROUTES INDICATED ON THIS DRAWING.

0 5 10 15 20 25m
SCALE 1:500 AT ORIGINAL SIZE

PLAN
SCALE 1:500

FOR CONSTRUCTION

© 2010 Australian Rail Track Corporation Ltd. Drawing standard in accordance with Hunter 8 Alliance standards	
Used on / Next higher assembly:	H8R-DWG-S2G-GEN-1124
Alternate DMS number:	

ARTC APPROVAL Approved By	
Signed:	
Approval Date	06.08.10
Rev	Date
0	06.08.10
	ISSUED FOR CONSTRUCTION
Drawn	M.J.W
Checked	D.W*
Approved	G.WICKENS*
Date	10.08.2010

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2796 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Conditions of Use: This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.	
This Drawing must not be used for Construction unless signed as Approved	

	ARTC DWG NUMBER	0
	ARTCN1100014124	
MAITLAND TO MINIMBAH - THIRD TRACK GENERAL ARRANGEMENT		Sheet No. 24 of 91 Scale (A1): 1:500
201km620 TO 201km960		

PLOT DATE: 10 August 2010 3:37 PM
 PLOTTED BY: MWR1
 GHD FILE PATH: G:\2010\14630\Drawings\Subarea\ARTCN1100014124.dwg

1 2 3 4 5 6 7 8

A

B

C

D

E

F

A

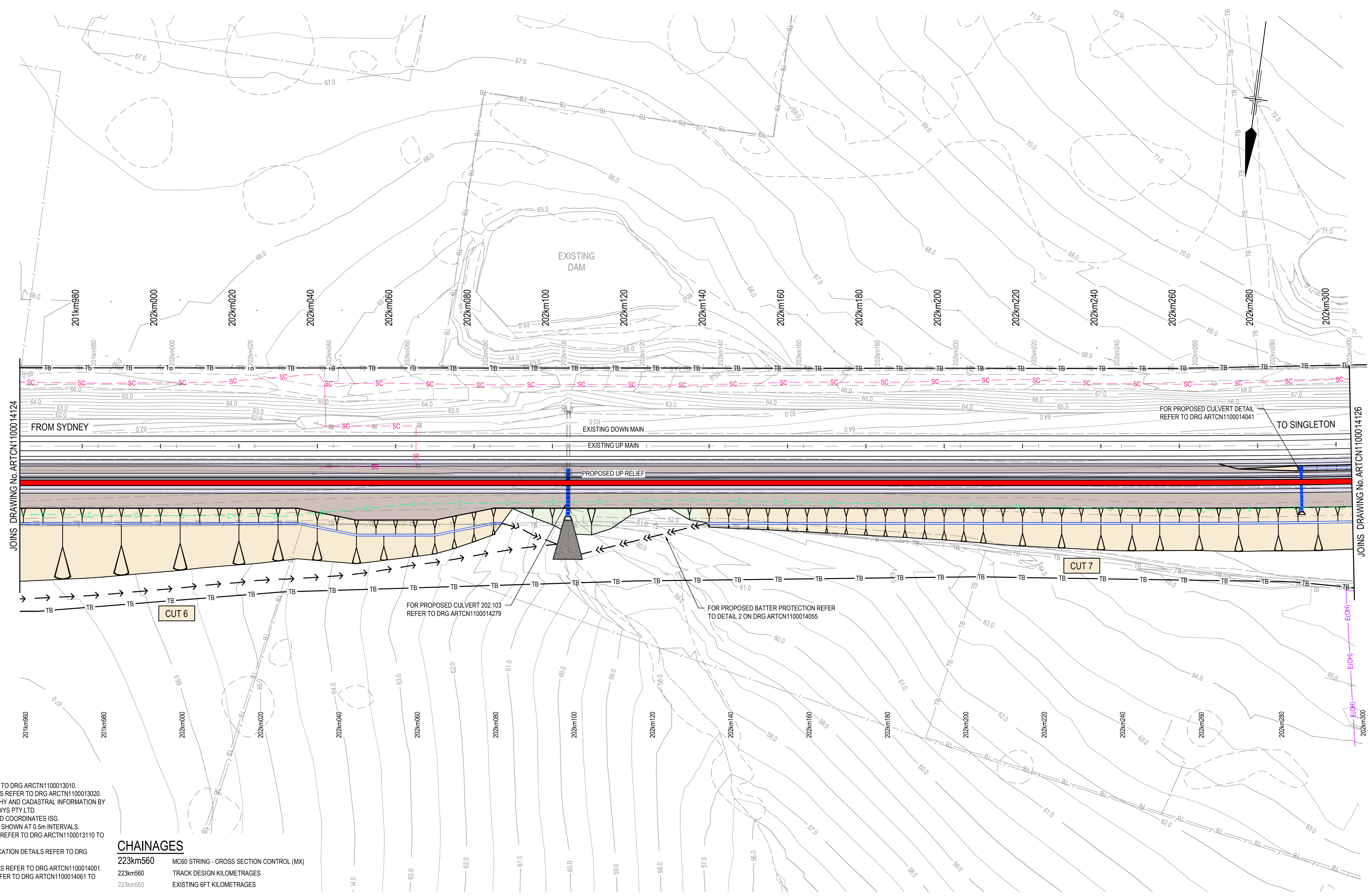
B

C

D

E

F



JOINS DRAWING No. ARTCN1100014124

JOINS DRAWING No. ARTCN1100014125

FROM SYDNEY

TO SINGLETON

- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES



PLAN
SCALE 1:500

FOR CONSTRUCTION

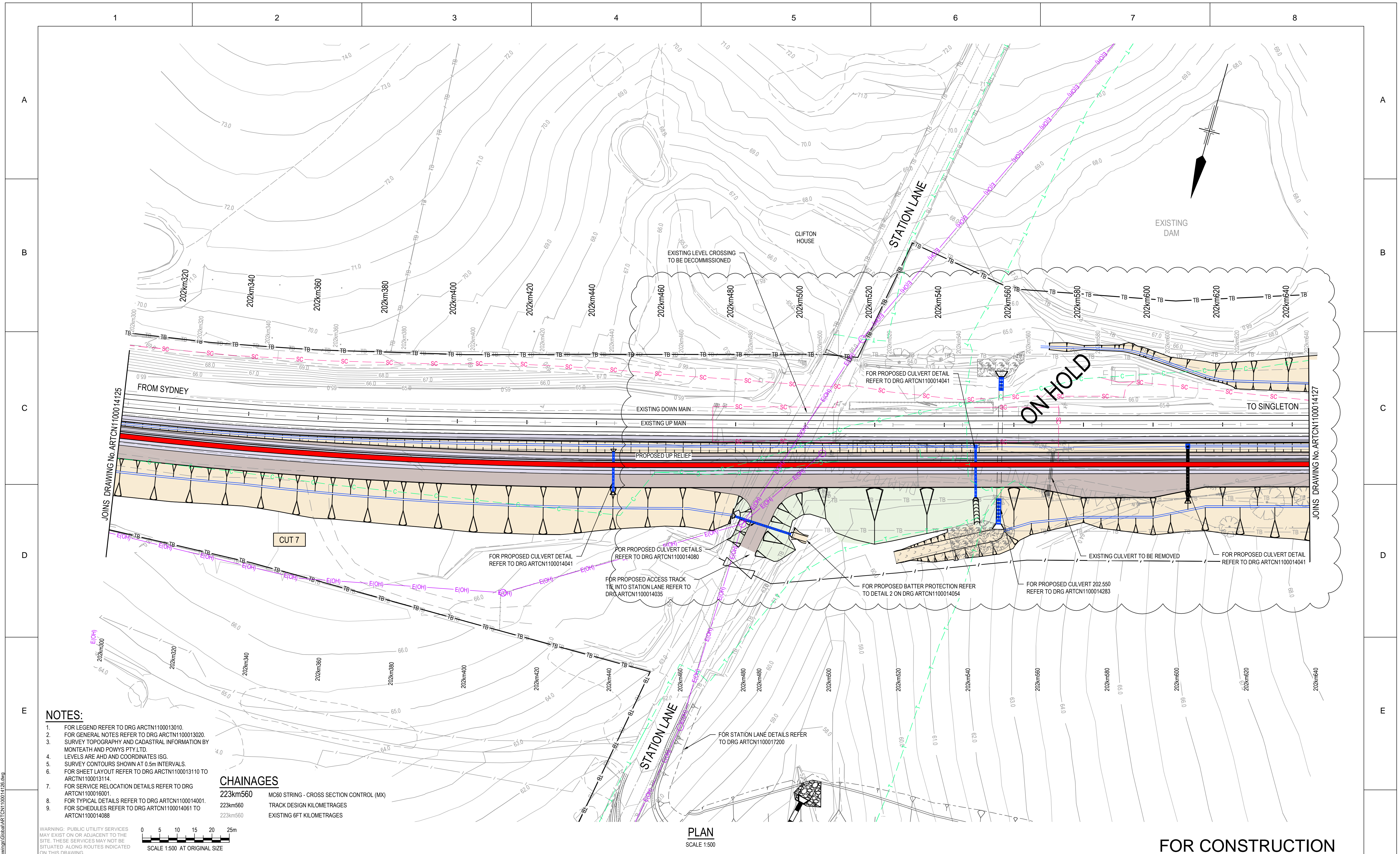
© 2010 Australian Rail Track Corporation Ltd. Drawing standard in accordance with Hunter 8 Alliance standards	
Used on / Next higher assembly:	H8R-DWG-S2G-GEN-1125
Alternate DMS number:	

ARTC APPROVAL Approved By					
Signed:					
Approval Date	0	06.08.10	ISSUED FOR CONSTRUCTION	M.J.W	D.W*
Rev	Date	Revision Description	Drawn	Checked	Approv.

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2796 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Approved G.WICKENS*	Date 10.08.2010

	ARTC DWG NUMBER 0
	ARTCN1100014125
MAITLAND TO MINIMBAH - THIRD TRACK GENERAL ARRANGEMENT 201km960 TO 202km300	
Sheet No. 25 of 91 Scale (A1): 1:500	

PLOT DATE: 10 August 2010 3:38 PM PLOTTED BY: MWR1 GHD FILE PATH: G:\2010\14630\Drawings\Subarea\ARTCN1100014125.dwg



- NOTES:**
- FOR LEGEND REFER TO DRG ARTCN1100013010
 - FOR GENERAL NOTES REFER TO DRG ARTCN1100013020
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARTCN1100013110 TO ARTCN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARTCN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARTCN1100014001.
 - FOR SCHEDULES REFER TO DRG ARTCN1100014061 TO ARTCN1100014088

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES

WARNING: PUBLIC UTILITY SERVICES MAY EXIST ON OR ADJACENT TO THE SITE. THESE SERVICES MAY NOT BE SITUATED ALONG ROUTES INDICATED ON THIS DRAWING.

0 5 10 15 20 25m
SCALE 1:500 AT ORIGINAL SIZE

© 2010 Australian Rail Track Corporation Ltd.
Drawing standard in accordance with Hunter 8 Alliance standards

Used on / Next higher assembly:	H8R DWG NUMBER H8R-DWG-S2G-GEN-1126
Alternate DMS number:	

ARTC APPROVAL	Approved By	
Signed:		
Approval Date	06.08.10	ISSUED FOR CONSTRUCTION
Rev	Date	Revision Description
Drawn	M.J.W	D.W*
Checked		G.W*
Approved	G.WICKENS*	Date 10.08.2010

Designing Company:
GHD
GHD Job Number:
22-14630

Address:
Level 3 GHD Tower, 24 Honeysuckle Drive
Newcastle NSW 2300 Australia
P 61 2 4941 2706
W www.hunter8alliance.com.au

Drawn
M.WRIGHT

Design Check
M.DERWIN*

Designed
R.STEPHENS

Design Check
P.PIGRAM*

Conditions of Use.
This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.

This Drawing must not be used for Construction unless signed as Approved

Hunter ALLIANCE

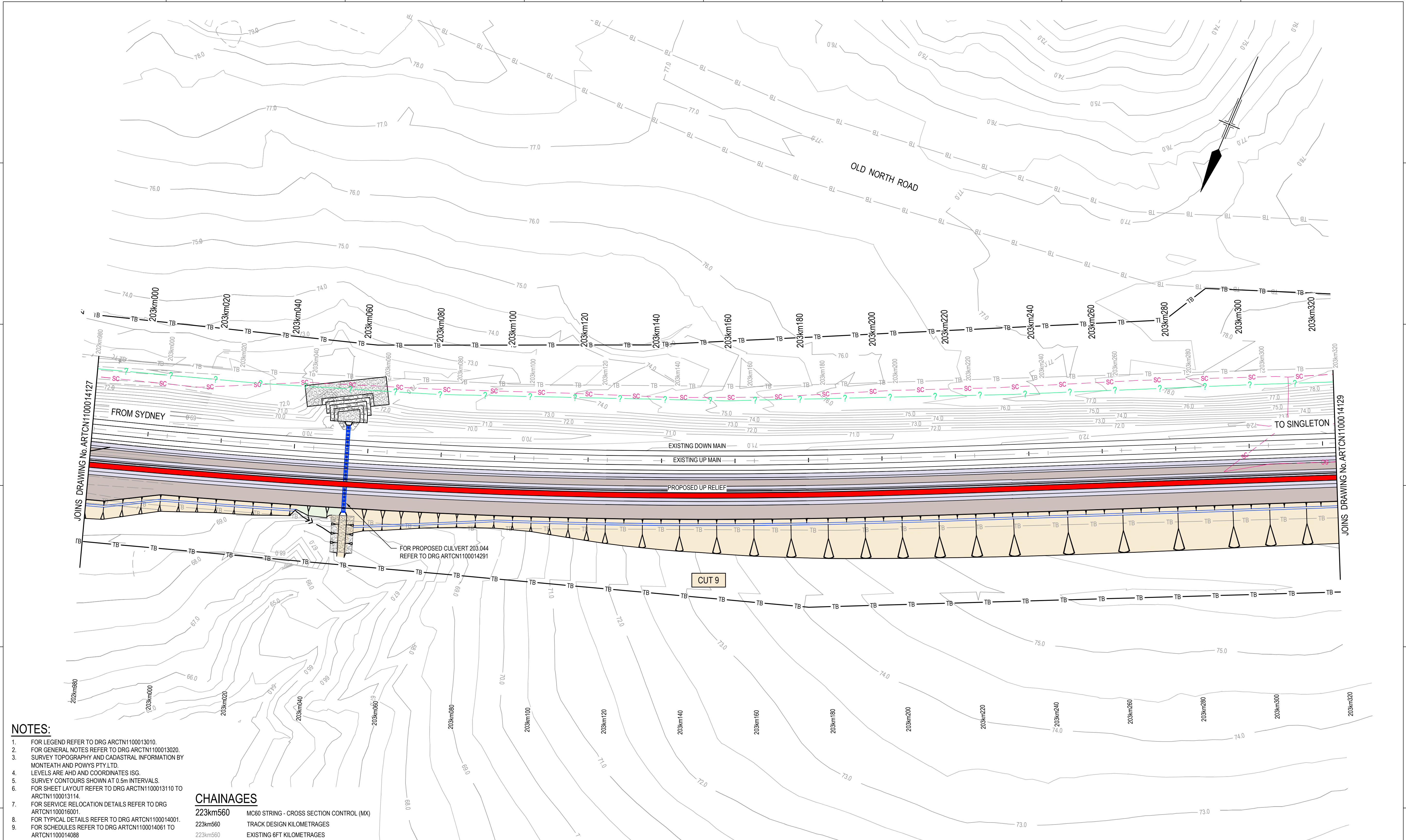
ARTC DWG NUMBER **0**

ARTCN1100014126

MAITLAND TO MINIMBAH - THIRD TRACK
GENERAL ARRANGEMENT
202km300 TO 202km640

Sheet No.
26 of 91
Scale (A1):
1:500

PLOT DATE: 10 August 2010 3:40 PM. PLOTTED BY: MWR1
GHD FILE PATH: G:\2010\14630\Drawings\Sub\ARTCN1100014126.dwg

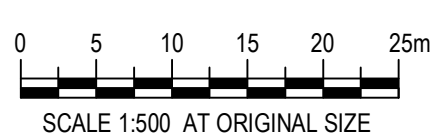


PLAN
SCALE 1:500

- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES



© 2010 Australian Rail Track Corporation Ltd. Drawing standard in accordance with Hunter 8 Alliance standards	
Used on / Next higher assembly:	H8R-DWG-S2G-GEN-1128
Alternate DMS number:	

ARTC APPROVAL Approved By							
Signed:							
Approval Date		0	06.08.10	ISSUED FOR CONSTRUCTION	M.J.W	D.W*	G.W*
Rev	Date	Revision Description			Drawn	Checked	Approv.

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2706 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Approved G.WICKENS*	Date 10.08.2010

FOR CONSTRUCTION

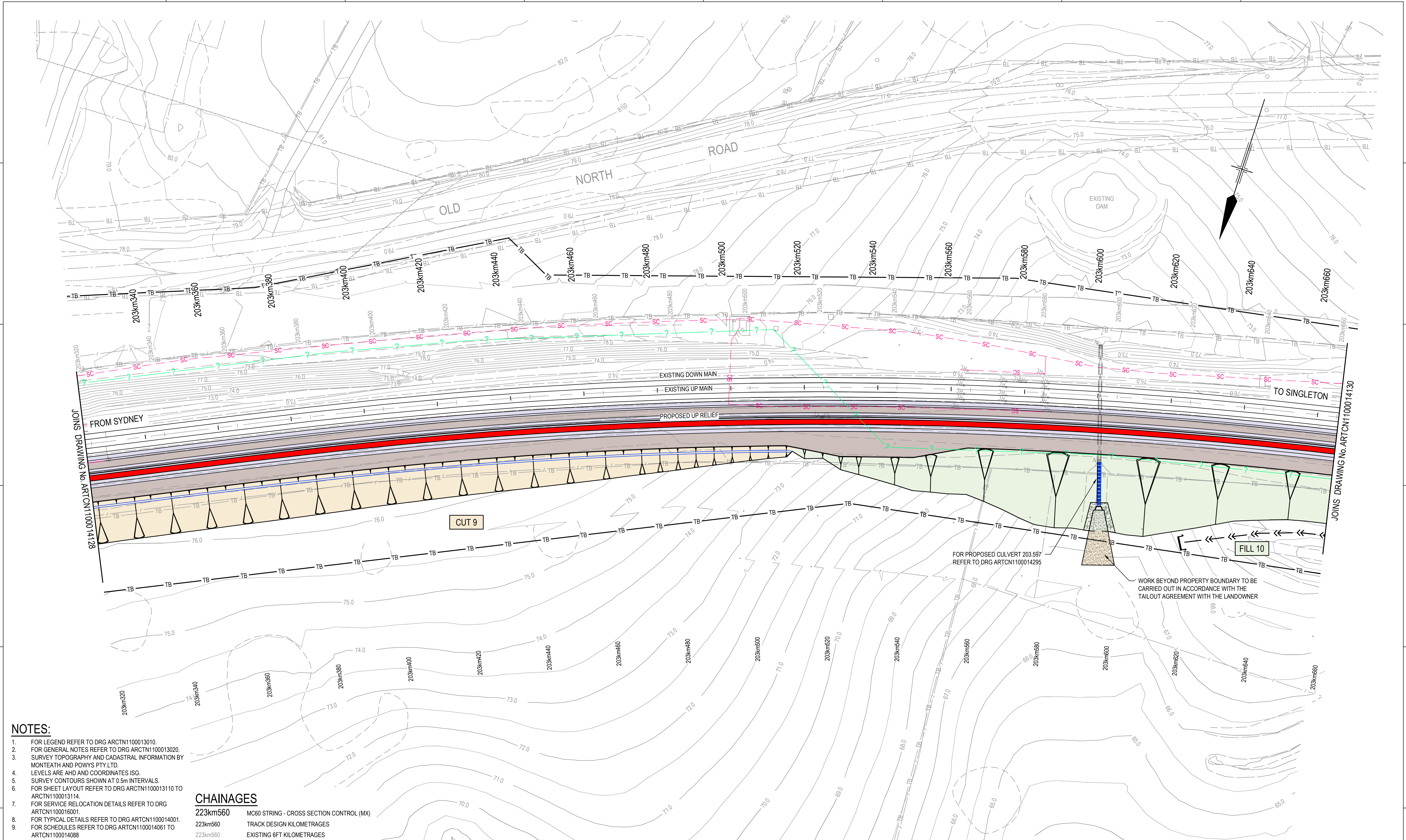
ARTC DWG NUMBER **0**

ARTCN1100014128

MAITLAND TO MINIMBAH - THIRD TRACK
GENERAL ARRANGEMENT
202km980 TO 203km320

Sheet No.
28 of 91
Scale (A1):
1:500

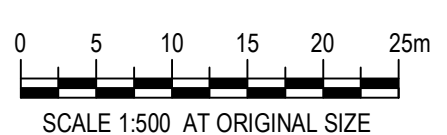
PLOT DATE: 10 August 2010 3:42 PM. PLOTTED BY: MWR11
GHD FILE PATH: G:\2010\14128\Drawings\Subarea\ARTCN1100014128.dwg



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010.
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020.
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088.

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES



PLAN
SCALE 1:500

© 2010 Australian Rail Track Corporation Ltd. Drawing standard in accordance with Hunter 8 Alliance standards	
Used on / Next higher assembly:	H8R DWG NUMBER H8R-DWG-S2G-GEN-1129
Alternate DMS number:	

ARTC APPROVAL	Approved By				
Signed:					
Approval Date	06.08.10	ISSUED FOR CONSTRUCTION	M.J.W	D.W*	G.W*
Rev	Date	Revision Description	Drawn	Checked	Approv.

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2796 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Approved G.WICKENS*	Date 06.08.2010

FOR CONSTRUCTION

ARTC DWG NUMBER **0**

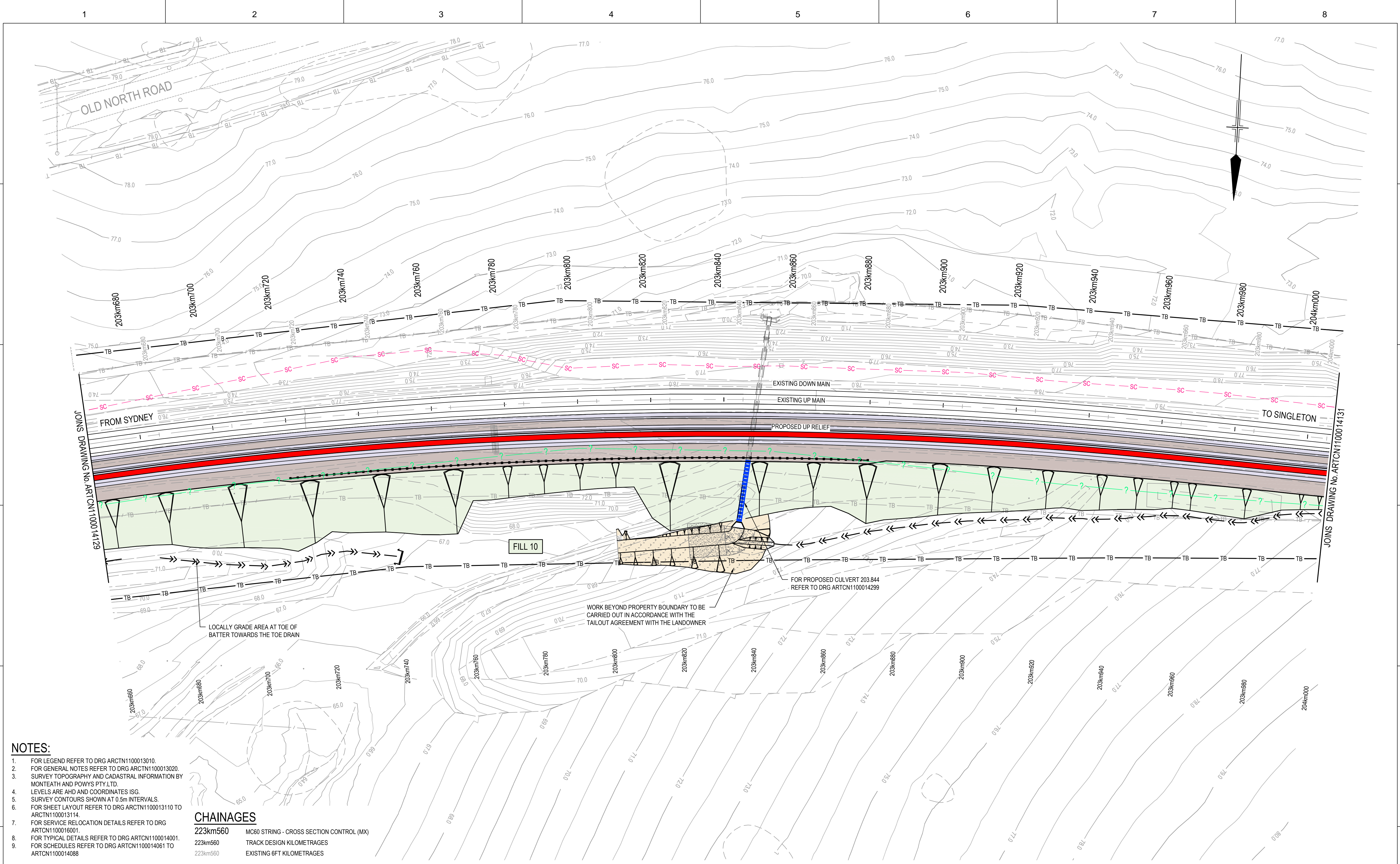
ARTCN1100014129

Hunter ALLIANCE

MAITLAND TO MINIMBAH - THIRD TRACK
GENERAL ARRANGEMENT
203km320 TO 203km660

Sheet No.
29 of 91
Scale (A1):
1:500

PLOT DATE: 10 August 2010 3:44 PM. PLOTTED BY: MWR1
GHD FILE PATH: G:\2214630\Drawings\Subarea\ARTCN1100014129.dwg



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES

WARNING: PUBLIC UTILITY SERVICES MAY EXIST ON OR ADJACENT TO THE SITE. THESE SERVICES MAY NOT BE SITUATED ALONG ROUTES INDICATED ON THIS DRAWING.

0 5 10 15 20 25m
SCALE 1:500 AT ORIGINAL SIZE

PLAN
SCALE 1:500

FOR CONSTRUCTION

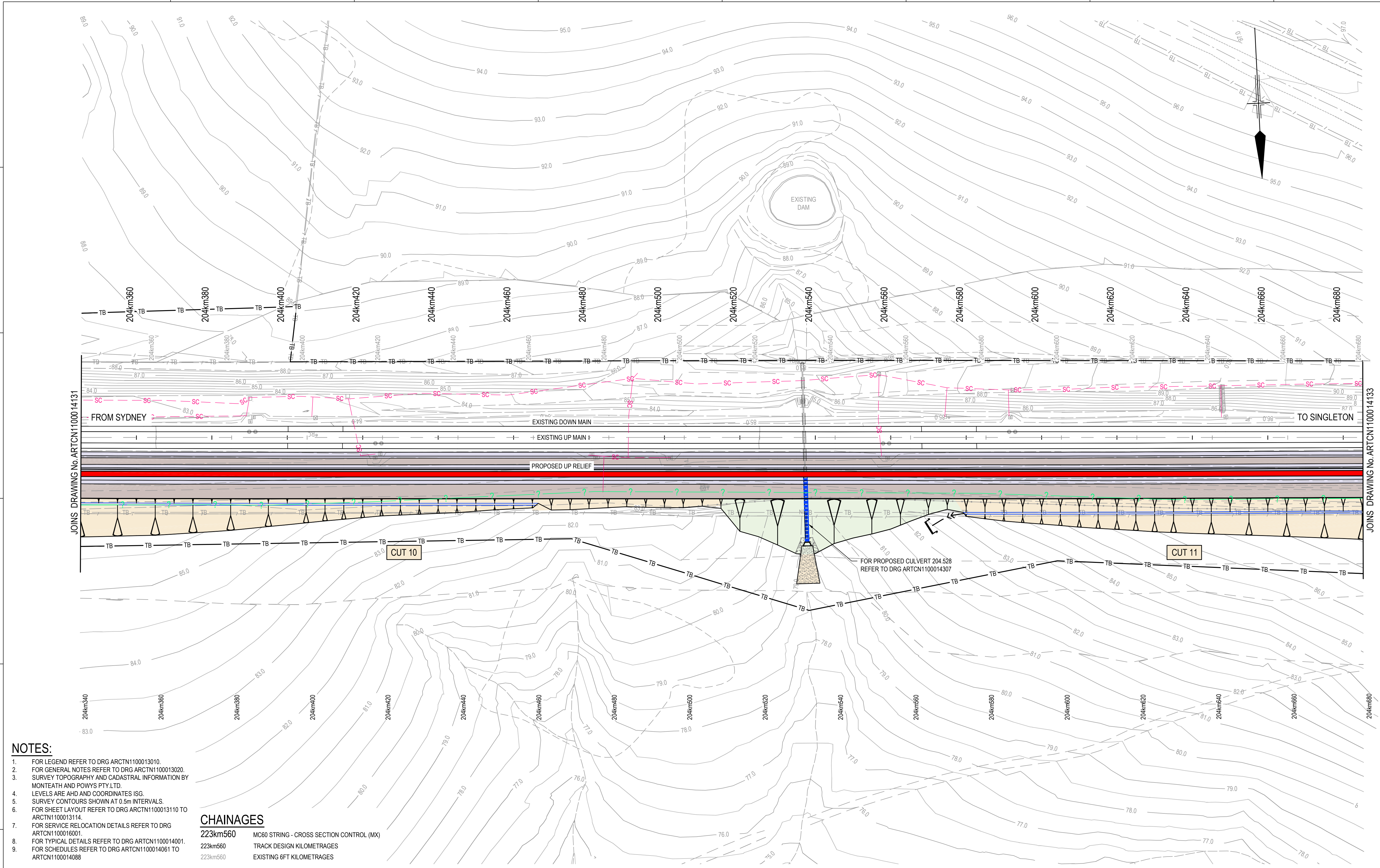
© 2010 Australian Rail Track Corporation Ltd. Drawing standard in accordance with Hunter 8 Alliance standards	
Used on / Next higher assembly:	H8R DWG NUMBER H8R-DWG-S2G-GEN-1130
	Alternate DMS number:

ARTC APPROVAL Approved By					
Signed:					
Approval Date	06.08.10	ISSUED FOR CONSTRUCTION	M.J.W	D.W*	G.W*
Rev	Date	Revision Description	Drawn	Checked	Approv.

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2706 W www.hunter8alliance.com.au
Drawn M.WRIGHT Design Check M.DERWIN*	Designed R.STEPHENS Design Check P.PIGRAM*
Approved G.WICKENS* Date 06.08.2010	Conditions of Use: This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose. This Drawing must not be used for construction unless signed as Approved

		ARTC DWG NUMBER 0
ARTCN1100014130		Sheet No. 30 of 91 Scale (A1): 1:500
MAITLAND TO MINIMBAH - THIRD TRACK GENERAL ARRANGEMENT 203km660 TO 204km000		

PLOT DATE: 10 August 2010 3:45 PM
 GHD FILE PATH: G:\2010\11\100014130\Drawings\Subarea\ARTCN1100014130.dwg



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010.
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020.
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088.

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES

WARNING: PUBLIC UTILITY SERVICES MAY EXIST ON OR ADJACENT TO THE SITE. THESE SERVICES MAY NOT BE SITUATED ALONG ROUTES INDICATED ON THIS DRAWING.

0 5 10 15 20 25m
SCALE 1:500 AT ORIGINAL SIZE

PLAN
SCALE 1:500

FOR CONSTRUCTION

© 2010 Australian Rail Track Corporation Ltd. Drawing standard in accordance with Hunter 8 Alliance standards	
Used on / Next higher assembly:	H8R-DWG-S2G-GEN-1132
Alternate DMS number:	

ARTC APPROVAL Approved By	
Signed:	
Approval Date	06.08.10
Rev	Date
0	06.08.10
	ISSUED FOR CONSTRUCTION
Drawn	M.J.W
Checked	D.W*
Approved	G.W*

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2796 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Approved G.WICKENS*	Date 06.08.2010

Hunter ALLIANCE

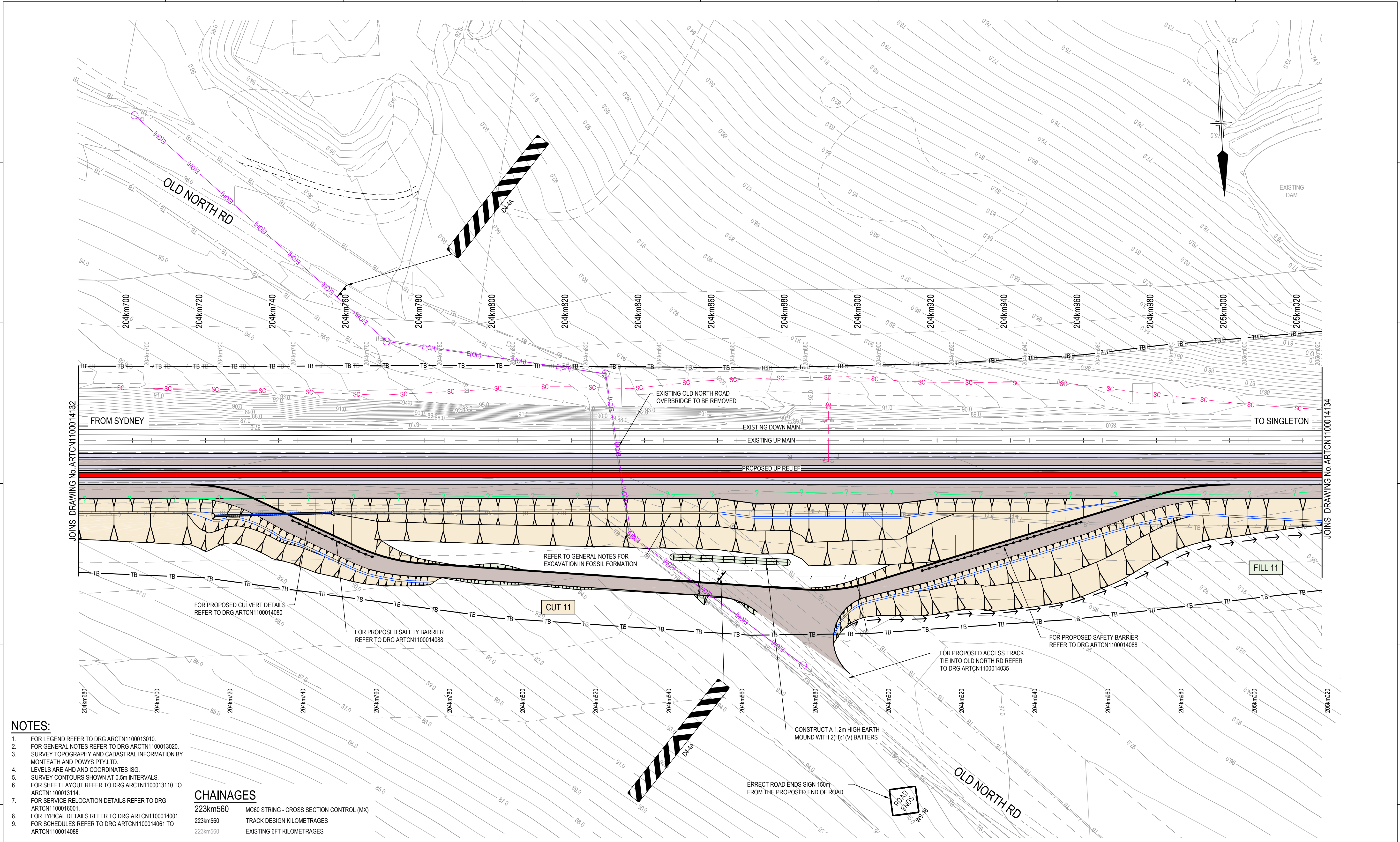
ARTC DWG NUMBER 0

ARTCN1100014132

MAITLAND TO MINIMBAH - THIRD TRACK
GENERAL ARRANGEMENT
204km340 TO 204km680

Sheet No.
32 of 91
Scale (A1):
1:500

PLOT DATE: 10 August 2010 3:48 PM. PLOTTED BY: MWR1
GHD FILE PATH: G:\2214630\Drawings\Subarea\ARTCN1100014132.dwg



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES

WARNING: PUBLIC UTILITY SERVICES MAY EXIST ON OR ADJACENT TO THE SITE. THESE SERVICES MAY NOT BE SITUATED ALONG ROUTES INDICATED ON THIS DRAWING.

0 5 10 15 20 25m
SCALE 1:500 AT ORIGINAL SIZE

PLAN
SCALE 1:500

© 2010 Australian Rail Track Corporation Ltd.
Drawing standard in accordance with Hunter 8 Alliance standards

Used on / Next higher assembly:	H8R DWG NUMBER H8R-DWG-S2G-GEN-1133
Alternate DMS number:	

ARTC APPROVAL Approved By					
Signed:					
Approval Date	0	06.08.10	ISSUED FOR CONSTRUCTION	M.J.W	D.W*
Rev	Date	Revision Description		Drawn	Checked

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2796 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Approved G.WICKENS*	Date 06.08.2010

Hunter ALLIANCE

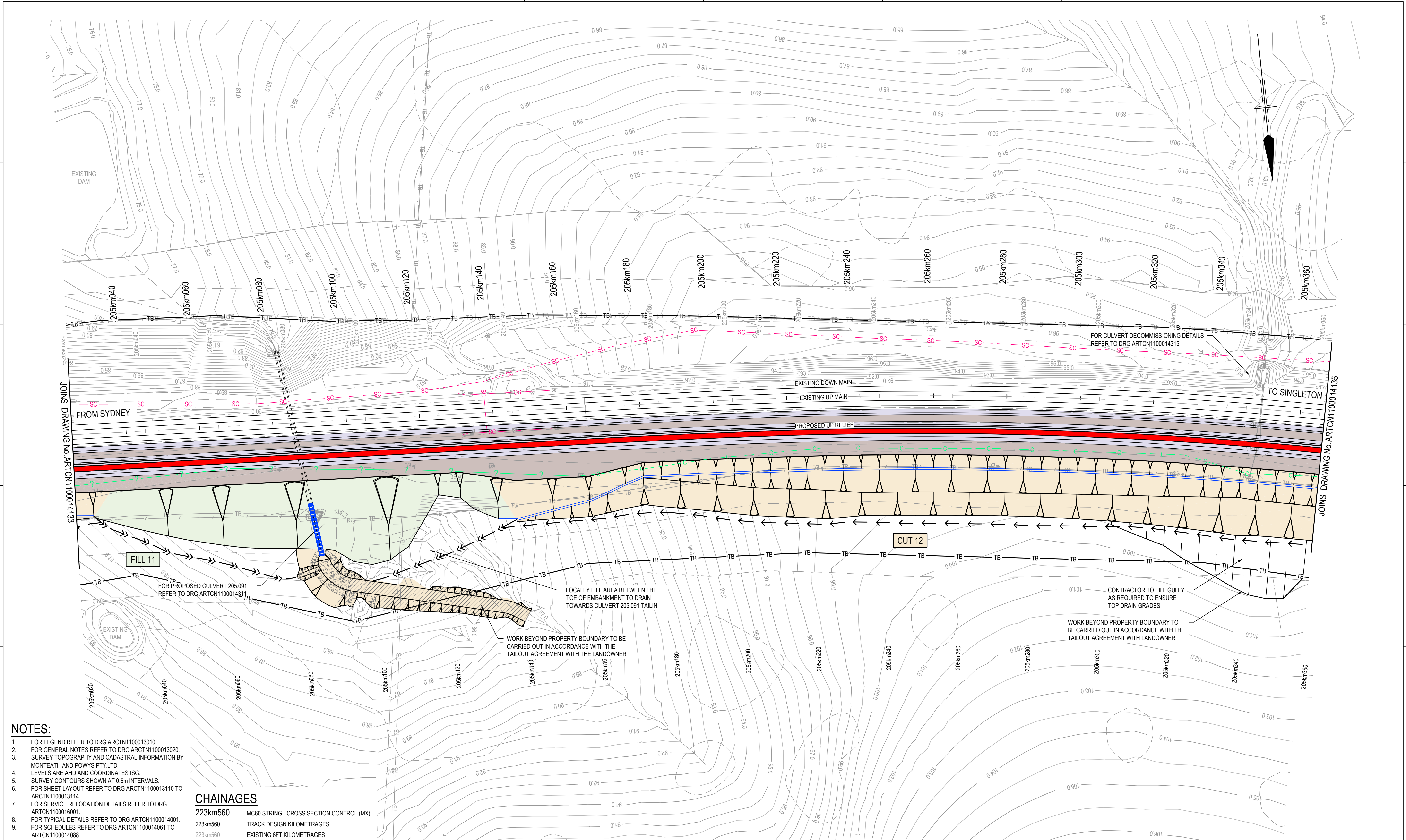
ARTC DWG NUMBER **0**

ARTCN1100014133

MAITLAND TO MINIMBAH - THIRD TRACK
GENERAL ARRANGEMENT
204km680 TO 205km020

Sheet No.
33 of 91
Scale (A1):
1:500

PLOT DATE: 10 August 2010 3:49 PM PLOTTED BY: MWR1 GHD FILE PATH: G:\2010\14630\Drawings\Subarea\ARTCN1100014133.dwg

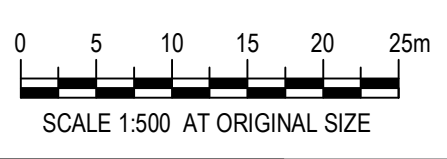


- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088.

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES

WARNING: PUBLIC UTILITY SERVICES MAY EXIST ON OR ADJACENT TO THE SITE. THESE SERVICES MAY NOT BE SITUATED ALONG ROUTES INDICATED ON THIS DRAWING.



PLAN
SCALE 1:500

FOR CONSTRUCTION

© 2010 Australian Rail Track Corporation Ltd. Drawing standard in accordance with Hunter 8 Alliance standards	
Used on / Next higher assembly:	H8R DWG NUMBER H8R-DWG-S2G-GEN-1134
	Alternate DMS number:

ARTC APPROVAL Approved By					
Signed:					
Approval Date	06.08.10	ISSUED FOR CONSTRUCTION	M.J.W	D.W*	G.W*
Rev	Date	Revision Description	Drawn	Checked	Approv.

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2796 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Approved G.WICKENS*	Date 06.08.2010

Hunter ALLIANCE

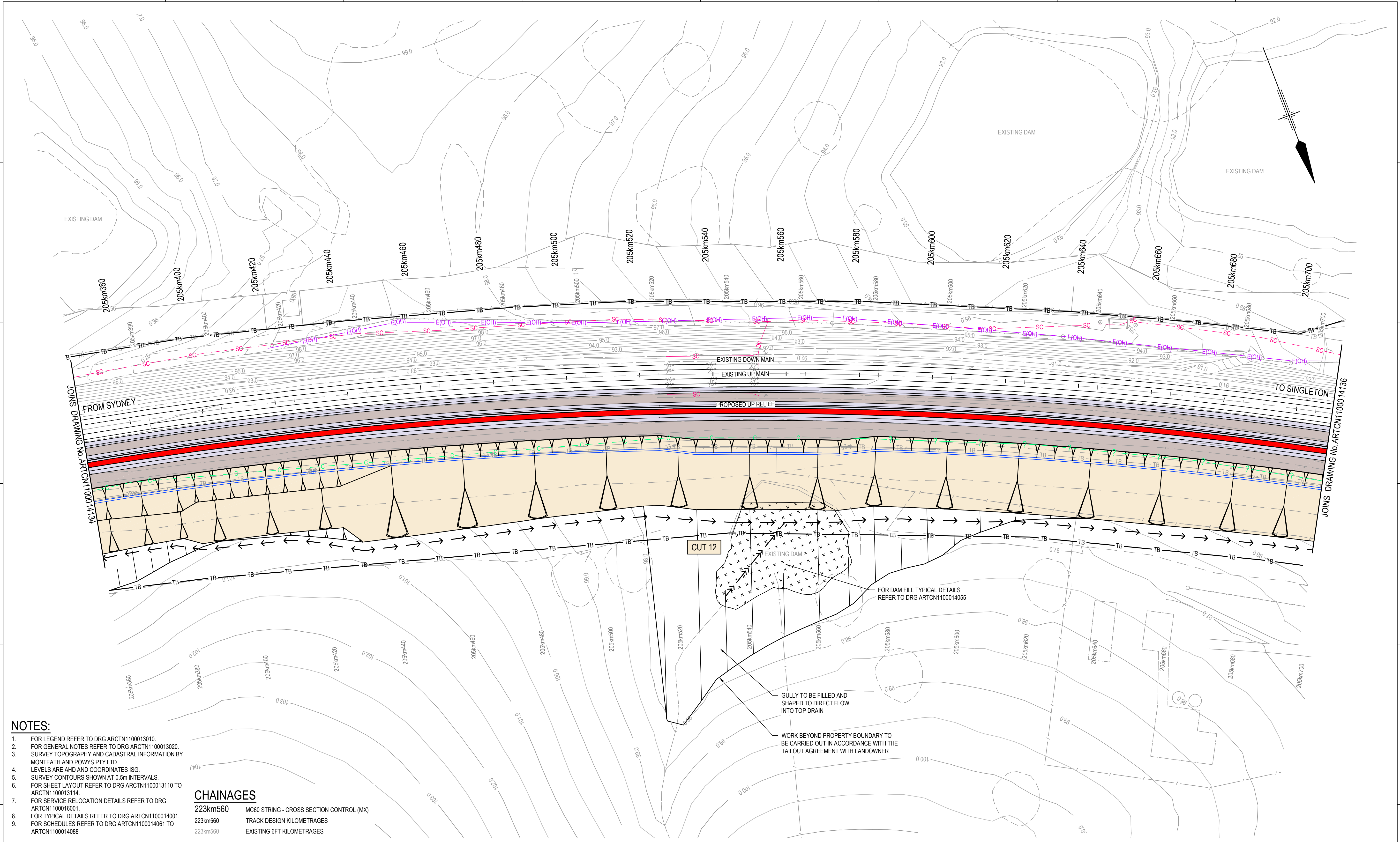
ARTC DWG NUMBER **0**

ARTCN1100014134

MAITLAND TO MINIMBAH - THIRD TRACK
GENERAL ARRANGEMENT
205km020 TO 205km360

Sheet No.
34 of 91
Scale (A1):
1:500

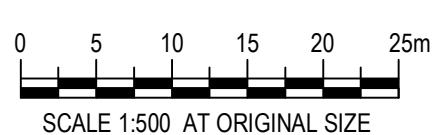
PLOT DATE: 10 August 2010 3:50 PM. PLOTTED BY: MWR1
GHD FILE PATH: G:\2010\14630\Drawings\Subarea\ARTCN1100014134.dwg



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES



PLAN
SCALE 1:500

© 2010 Australian Rail Track Corporation Ltd.
Drawing standard in accordance with Hunter 8 Alliance standards

Used on / Next higher assembly:	H8R DWG NUMBER H8R-DWG-S2G-GEN-1135
	Alternate DMS number:

ARTC APPROVAL	Approved By				
Signed:					
Approval Date	06.08.10	ISSUED FOR CONSTRUCTION		M.J.W	D.W*
Rev	Date	Revision Description		Drawn	Checked

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2796 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Approved G.WICKENS*	Date 06.08.2010

This Drawing must not be used for construction unless signed as Approved.

FOR CONSTRUCTION

ARTC DWG NUMBER **0**

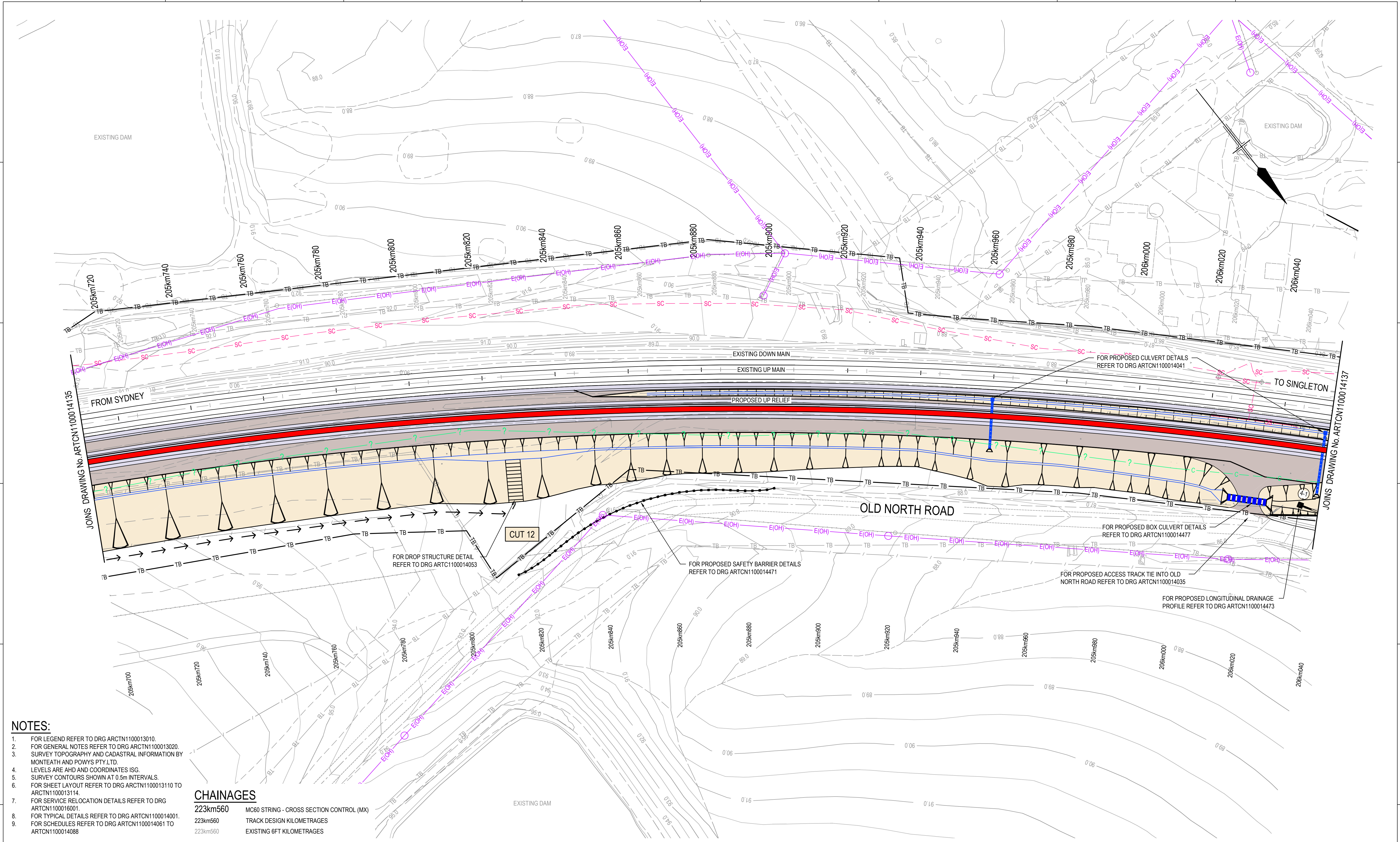
ARTCN1100014135

Hunter
ALLIANCE

**MAITLAND TO MINIMBAH - THIRD TRACK
GENERAL ARRANGEMENT
205km360 TO 205km700**

Sheet No.
35 of 91
Scale (A1):
1:500

PLOT DATE: 10 August 2010 3:52 PM. PLOTTED BY: MW11
GHD FILE PATH: G:\2011\11\20110810\1135.dwg

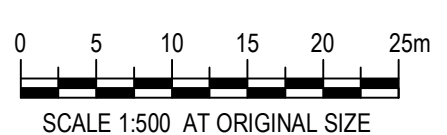


PLAN
SCALE 1:500

- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088.

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES



© 2010 Australian Rail Track Corporation Ltd. Drawing standard in accordance with Hunter 8 Alliance standards	
Used on / Next higher assembly:	H8R-DWG-S2G-GEN-1136
Alternate DMS number:	

ARTC APPROVAL Approved By					
Signed:					
Approval Date	06.08.10	ISSUED FOR CONSTRUCTION	M.J.W	D.W*	G.W*
Rev	Date	Revision Description	Drawn	Checked	Approved

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2706 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Approved G.WICKENS*	Date 06.08.2010

Hunter ALLIANCE

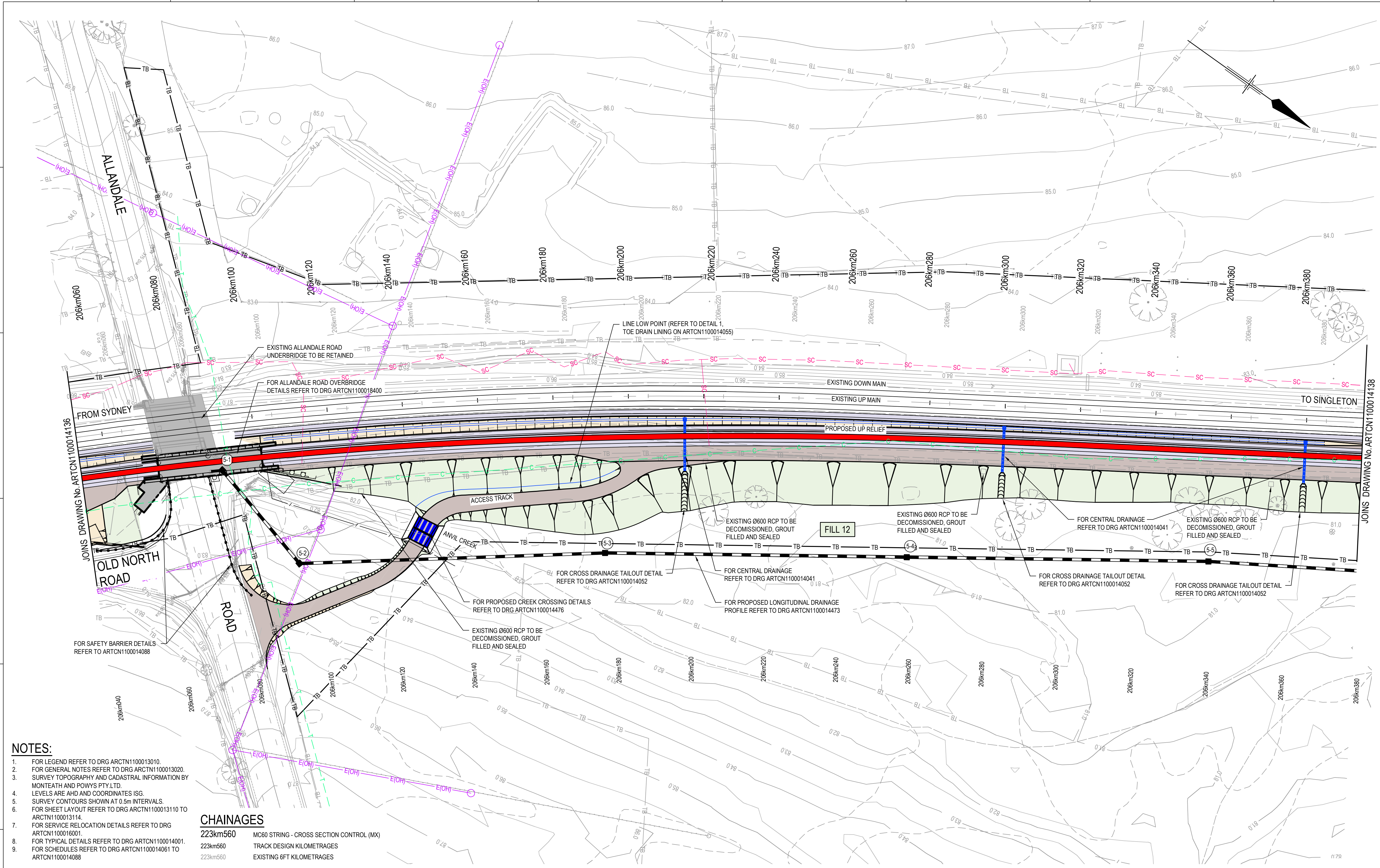
ARTC DWG NUMBER 0

ARTCN1100014136

MAITLAND TO MINIMBAH - THIRD TRACK
GENERAL ARRANGEMENT
205km700 TO 206km040

Sheet No.
36 of 91
Scale (A1):
1:500

PLOT DATE: 10 August 2010 3:53 PM. PLOTTED BY: MWR1
GHD FILE PATH: G:\2010\14630\Drawings\Subarea\ARTCN1100014136.dwg

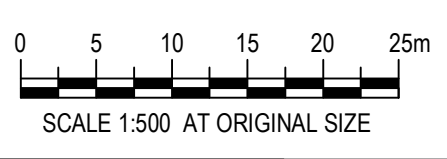


- NOTES:**
- FOR LEGEND REFER TO DRG ARTCN1100013010.
 - FOR GENERAL NOTES REFER TO DRG ARTCN1100013020.
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARTCN1100013110 TO ARTCN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARTCN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARTCN1100014001.
 - FOR SCHEDULES REFER TO DRG ARTCN1100014061 TO ARTCN1100014088.

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES

WARNING: PUBLIC UTILITY SERVICES MAY EXIST ON OR ADJACENT TO THE SITE. THESE SERVICES MAY NOT BE SITUATED ALONG ROUTES INDICATED ON THIS DRAWING.



PLAN
SCALE 1:500

FOR CONSTRUCTION

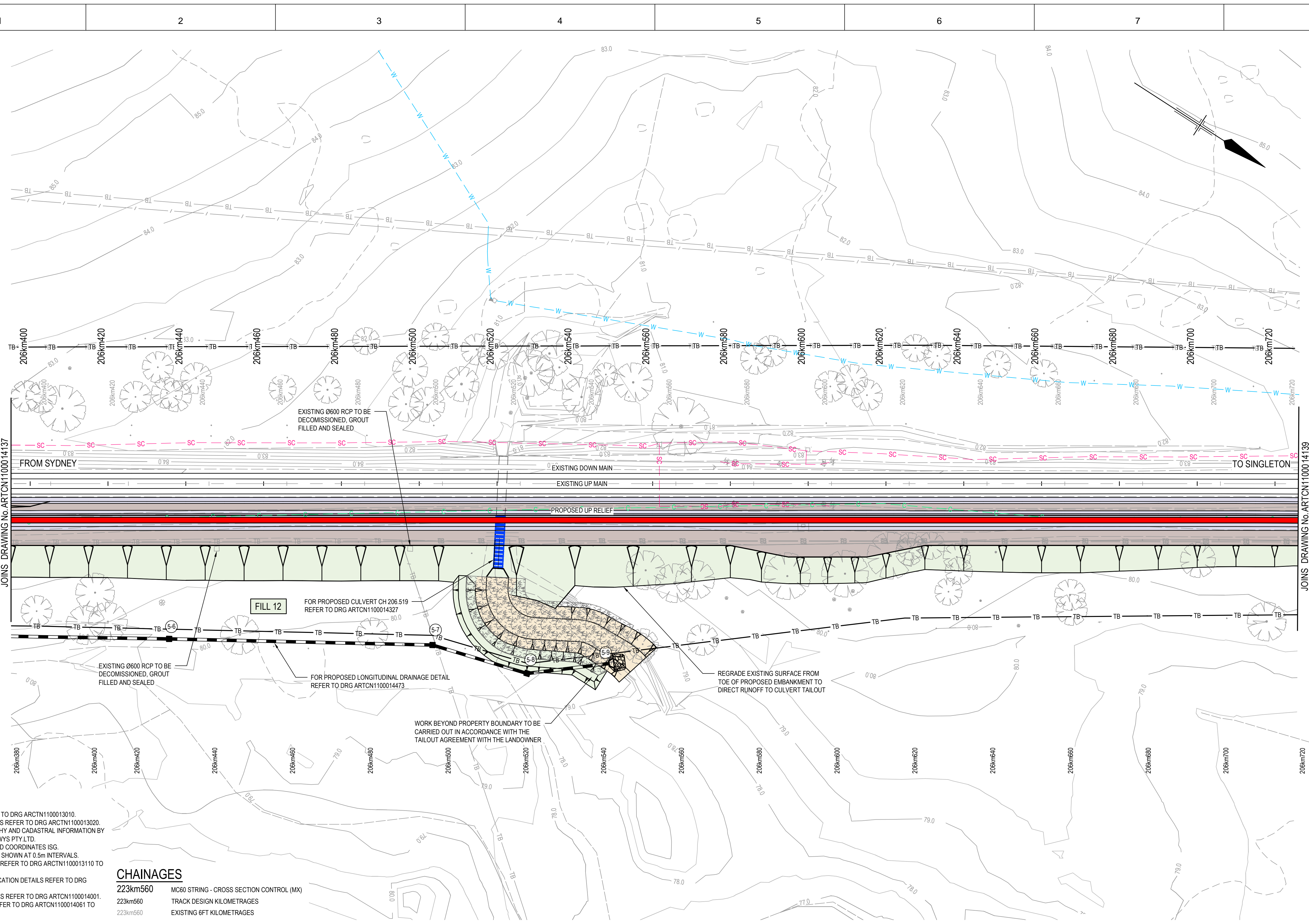
© 2010 Australian Rail Track Corporation Ltd. Drawing standard in accordance with Hunter 8 Alliance standards	
Used on / Next higher assembly:	H8R DWG NUMBER H8R-DWG-S2G-GEN-1137
	Alternate DMS number:

ARTC APPROVAL	Approved By				
Drawn	M.WRIGHT	Designed	R.STEPHENS	Design Check	M.DERWIN*
Approved	G.WICKENS*	Date	06.08.2010	Drawn	M.J.W
Checked	D.W*	Approval	G.W*	Rev	0
Date	06.08.10	Revision Description	ISSUED FOR CONSTRUCTION		

Designing Company:	GHD	Address:	Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2796 W www.hunter8alliance.com.au
GHD Job Number:	22-14630	Conditions of Use:	This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.
Approved	G.WICKENS*	This Drawing must not be used for construction unless signed as Approved	

	ARTC DWG NUMBER	0
	ARTCN1100014137	
MAITLAND TO MINIMBAH - THIRD TRACK GENERAL ARRANGEMENT 206km040 TO 206km380		Sheet No. 37 of 91 Scale (A1): 1:500

PLOT DATE: 10 August 2010 3:55 PM. PLOTTED BY: MWR1
GHD FILE PATH: G:\2010\14137\Drawings\Subarea\ARTCN1100014137.dwg



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES



PLAN
SCALE 1:500

FOR CONSTRUCTION

© 2010 Australian Rail Track Corporation Ltd. Drawing standard in accordance with Hunter 8 Alliance standards	
Used on / Next higher assembly:	H8R DWG NUMBER H8R-DWG-S2G-GEN-1138
	Alternate DMS number:

ARTC APPROVAL	Approved By				
Signed:					
Approval Date	06.08.10	ISSUED FOR CONSTRUCTION	M.J.W	D.W*	G.W*
Rev	Date	Revision Description	Drawn	Checked	Approv.

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2796 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Approved G.WICKENS*	Date 06.08.2010

Hunter ALLIANCE

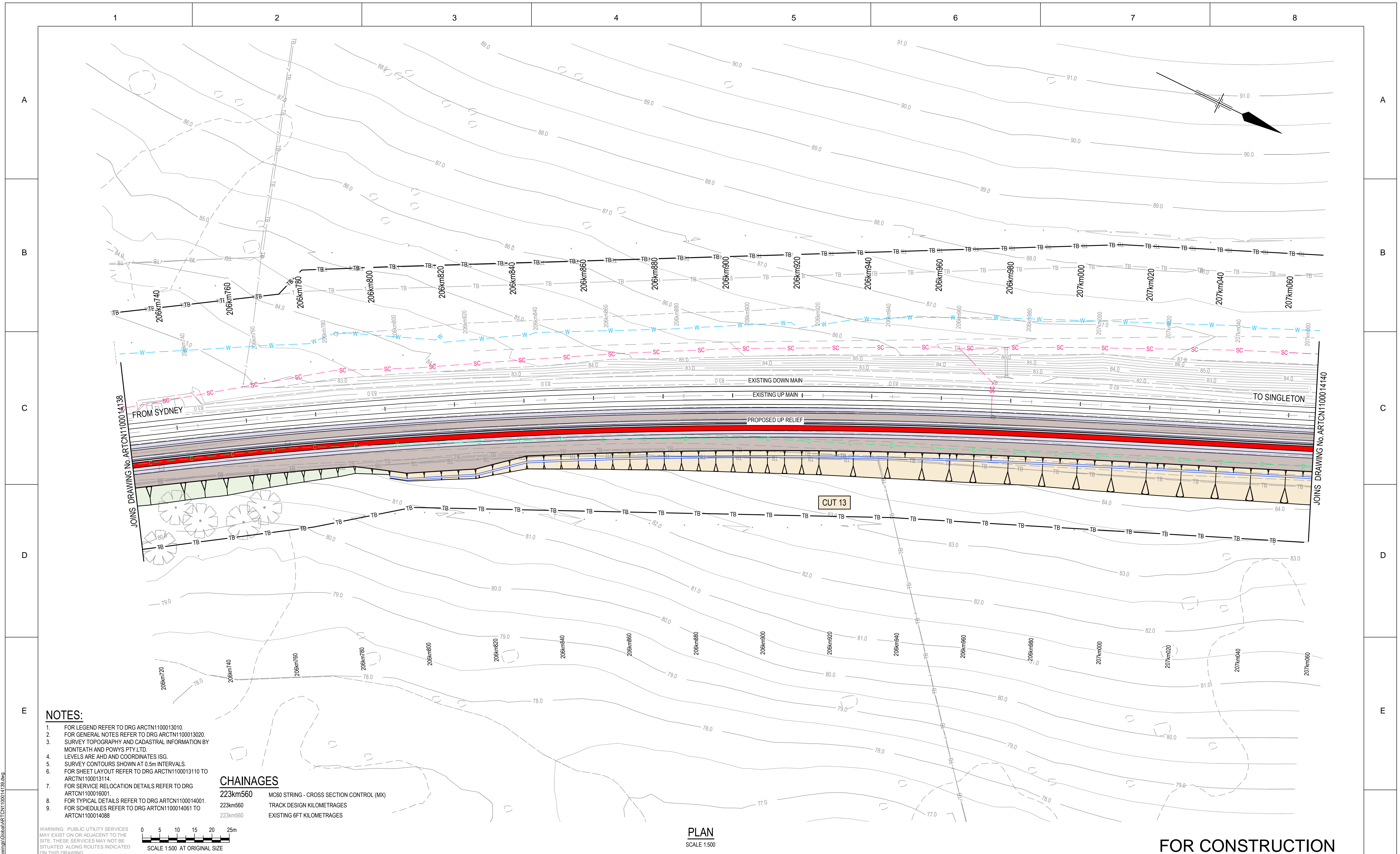
ARTC DWG NUMBER **0**

ARTCN1100014138

MAITLAND TO MINIMBAH - THIRD TRACK
GENERAL ARRANGEMENT
206km380 TO 206km720

Sheet No.
38 of 91
Scale (A1):
1:500

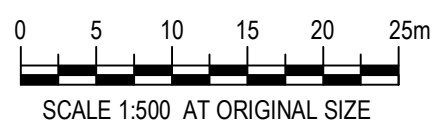
PLOT DATE: 10 August 2010 3:57 PM. PLOTTED BY: MWR1
GHD FILE PATH: G:\2011\14630\Drawings\Subarea\ARTCN1100014138.dwg



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010.
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020.
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088.

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES



PLAN
SCALE 1:500

© 2010 Australian Rail Track Corporation Ltd.
Drawing standard in accordance with Hunter 8 Alliance standards

Used on / Next higher assembly:	H8R-DWG-S2G-GEN-1139
Alternate DMS number:	

ARTC APPROVAL		Approved By			
Signed:					
Approval Date	06.08.10	ISSUED FOR CONSTRUCTION	M.J.W	D.W*	G.W*
Rev	Date	Revision Description	Drawn	Checked	Approv.

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2796 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Approved G.WICKENS*	Date 06.08.2010

FOR CONSTRUCTION

ARTC DWG NUMBER **0**

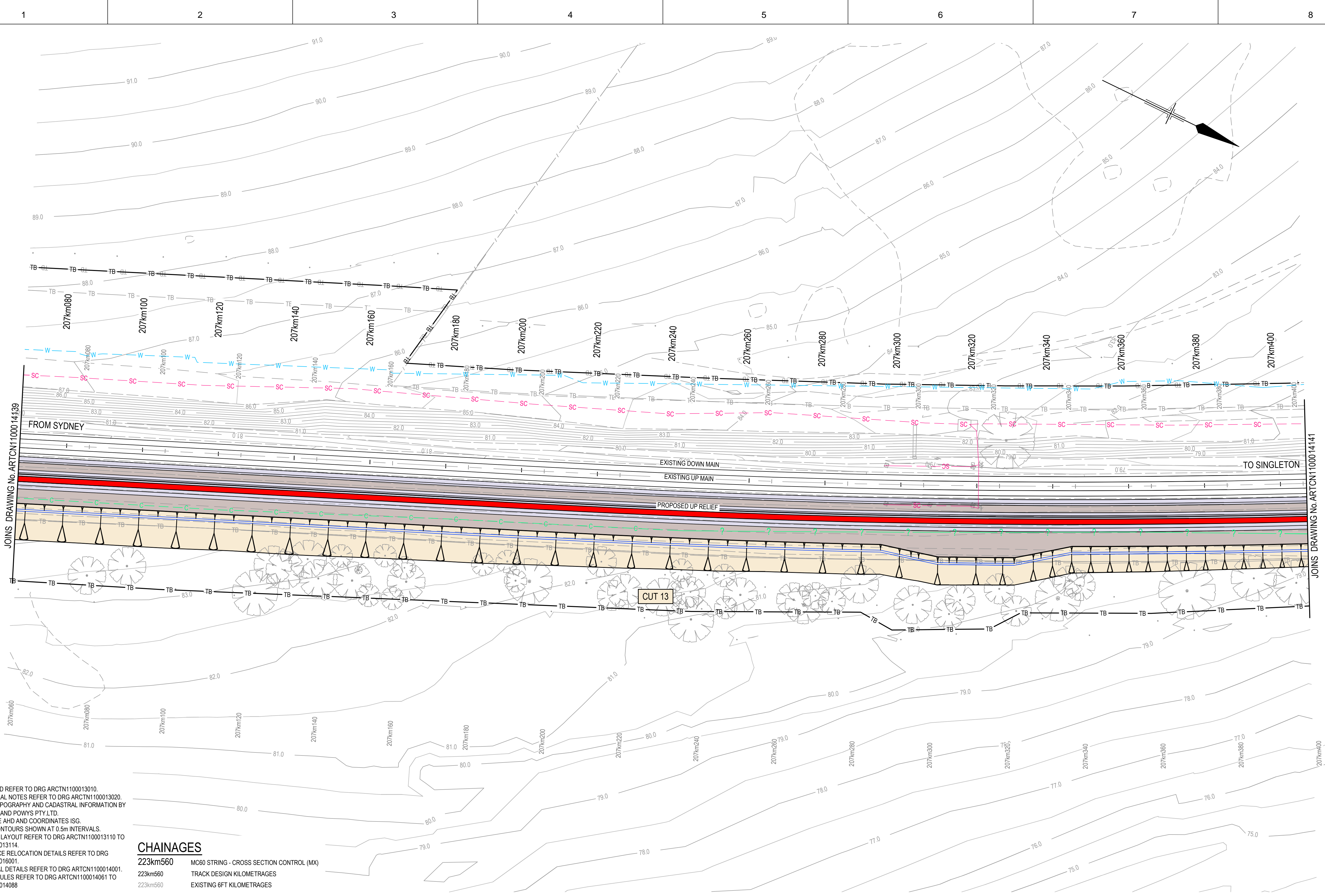
ARTCN1100014139

Hunter ALLIANCE

MAITLAND TO MINIMBAH - THIRD TRACK
GENERAL ARRANGEMENT
206km720 TO 207km060

Sheet No.
39 of 91
Scale (A1):
1:500

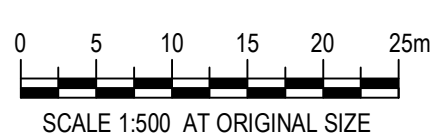
PLOT DATE: 10 August 2010 3:58 PM PLOTTED BY: MWR1 GHD FILE PATH: G:\2010\14630\Drawings\Subarea\ARTCN1100014139.dwg



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES



PLAN
SCALE 1:500

© 2010 Australian Rail Track Corporation Ltd. Drawing standard in accordance with Hunter 8 Alliance standards	
Used on / Next higher assembly:	H8R-DWG-S2G-GEN-1140
Alternate DMS number:	

ARTC APPROVAL		Approved By			
Signed:					
Approval Date	06.08.10	ISSUED FOR CONSTRUCTION		M.J.W	D.W*
Rev	Date	Revision Description		Drawn	Checked

Designing Company: GHD GHD Job Number: 22-14630	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2796 W www.hunter8alliance.com.au
Drawn M.WRIGHT	Designed R.STEPHENS
Drafting Check M.DERWIN*	Design Check P.PIGRAM*
Approved G.WICKENS*	Date 06.08.2010

FOR CONSTRUCTION

ARTC DWG NUMBER **0**

ARTCN1100014140

MAITLAND TO MINIMBAH - THIRD TRACK
GENERAL ARRANGEMENT
207km060 TO 207km400

Sheet No.
40 of 91
Scale (A1):
1:500

PLOT DATE: 10 August 2010 3:59 PM PLOTTED BY: MWR1 GHD FILE PATH: G:\2010\14140\Drawings\Subarea\ARTCN1100014140.dwg

1 2 3 4 5 6 7 8

A

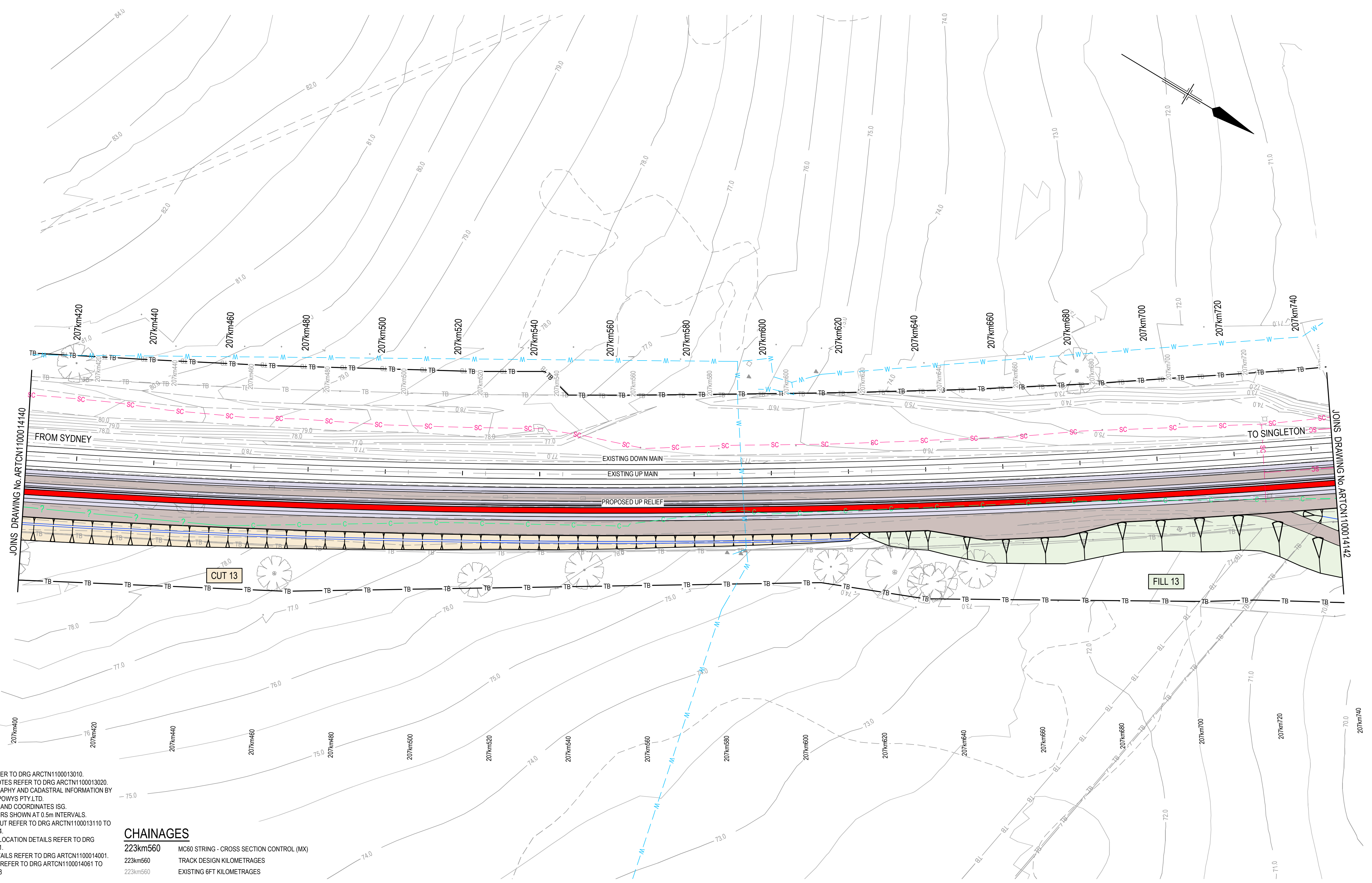
B

C

D

E

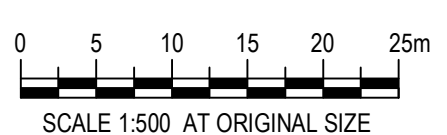
F



- NOTES:**
- FOR LEGEND REFER TO DRG ARCTN1100013010
 - FOR GENERAL NOTES REFER TO DRG ARCTN1100013020
 - SURVEY TOPOGRAPHY AND CADASTRAL INFORMATION BY MONTEATH AND POWYS PTY.LTD.
 - LEVELS ARE AHD AND COORDINATES ISG.
 - SURVEY CONTOURS SHOWN AT 0.5m INTERVALS.
 - FOR SHEET LAYOUT REFER TO DRG ARCTN1100013110 TO ARCTN1100013114.
 - FOR SERVICE RELOCATION DETAILS REFER TO DRG ARCTN1100016001.
 - FOR TYPICAL DETAILS REFER TO DRG ARCTN1100014001.
 - FOR SCHEDULES REFER TO DRG ARCTN1100014061 TO ARCTN1100014088

CHAINAGES

223km560	MC60 STRING - CROSS SECTION CONTROL (MX)
223km560	TRACK DESIGN KILOMETRAGES
223km560	EXISTING 6FT KILOMETRAGES



PLAN
SCALE 1:500

FOR CONSTRUCTION

© 2010 Australian Rail Track Corporation Ltd. Drawing standard in accordance with Hunter 8 Alliance standards	
Used on / Next higher assembly:	H8R-DWG-S2G-GEN-1141
Alternate DMS number:	

ARTC APPROVAL	Approved By				
Signed:					
Approval Date	06.08.10	ISSUED FOR CONSTRUCTION	M.J.W	D.W*	G.W*
Rev	Date	Revision Description	Drawn	Checked	Approv.

Designing Company:	GHD	Address:	Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia P 61 2 4941 2796 W www.hunter8alliance.com.au
GHD Job Number:	22-14630	Drawn:	M.WRIGHT
		Designed:	R.STEPHENS
		Drafting Check:	M.DERWIN*
		Design Check:	P.PIGRAM*
Approved:	G.WICKENS*	Conditions of Use: This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.	
Date:	06.08.2010	This Drawing must not be used for Construction unless signed as Approved.	

	ARTC DWG NUMBER	0
	ARTCN1100014141	
MAITLAND TO MINIMBAH - THIRD TRACK GENERAL ARRANGEMENT 207km400 TO 207km740		Sheet No. 41 of 91 Scale (A1): 1:500

PLOT DATE: 10 August 2010 4:01 PM PLOTTED BY: MWR1
 GHD FILE PATH: G:\2010\14630\Drawings\Subarea\ARTCN1100014141.dwg