

1 2 3 4 5 6 7 8

A

B

C

D

E

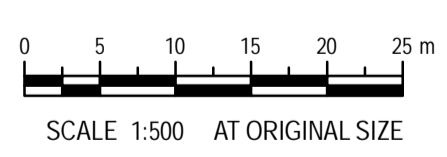
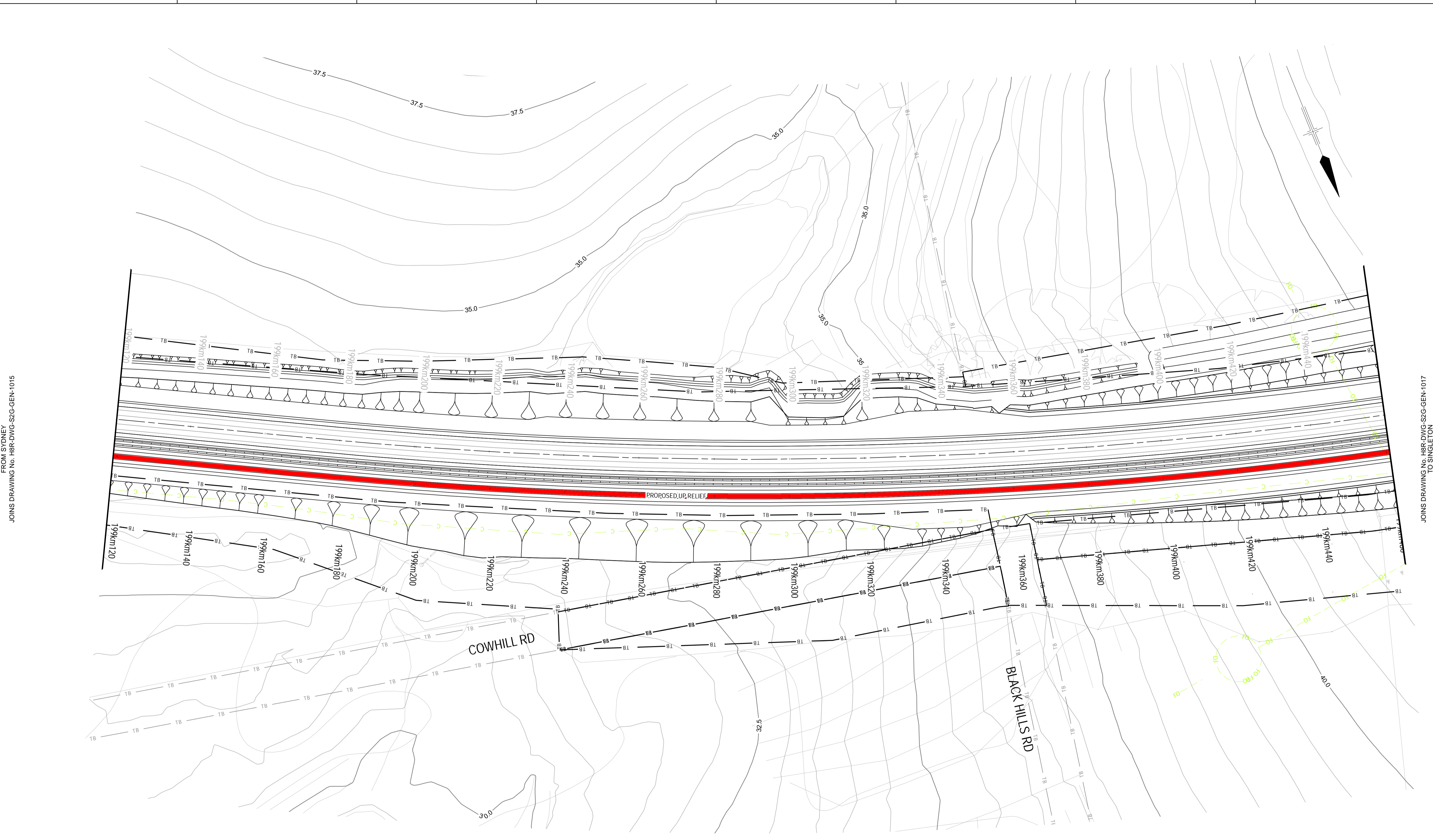
A

B

C

D

E



**UNCONTROLLED DOCUMENT**

**PRELIMINARY**

© 2009 Australian Rail Track Corporation Ltd.  
Drawing standard in accordance with Hunter 8 Alliance standards

ARTC APPROVAL							
Approved By							
Signed:							
Approval Date		B 16.02.10		ISSUED FOR COMMENT		G.M.	
		A 10.02.10		ISSUED FOR COMMENT		T.M.	
Rev	Date	Revision Description		Drawn	Checked	Approved	

Designing Company: GHD GHD Job Number: 22-14471		Address: Level 3 GHD Tower, 24 Honeyuckle Drive Newcastle NSW 2300 Australia T 61 2 4979 9999 F 61 2 4979 9988 E nrtmail@ghd.com W www.ghd.com	
Drawn T.MORTON	Designed R.STEPHENS	Conditions of Use: This document may only be used by GHD's client (and any other person who GHD had 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		This Drawing must not be used for Construction unless signed as Approved	
Date			

	H8R DWG NUMBER	9 B
	<b>H8R-DWG-S2G-GEN-1016</b>	
MAITLAND TO MINIMBAH - THIRD TRACK <b>DETAIL PLAN</b> CH199km120 TO CH199km460		Sheet No. <b>16 OF 89</b> Scale (A1): 1:500

Used on / Next higher assembly:

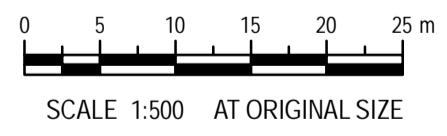
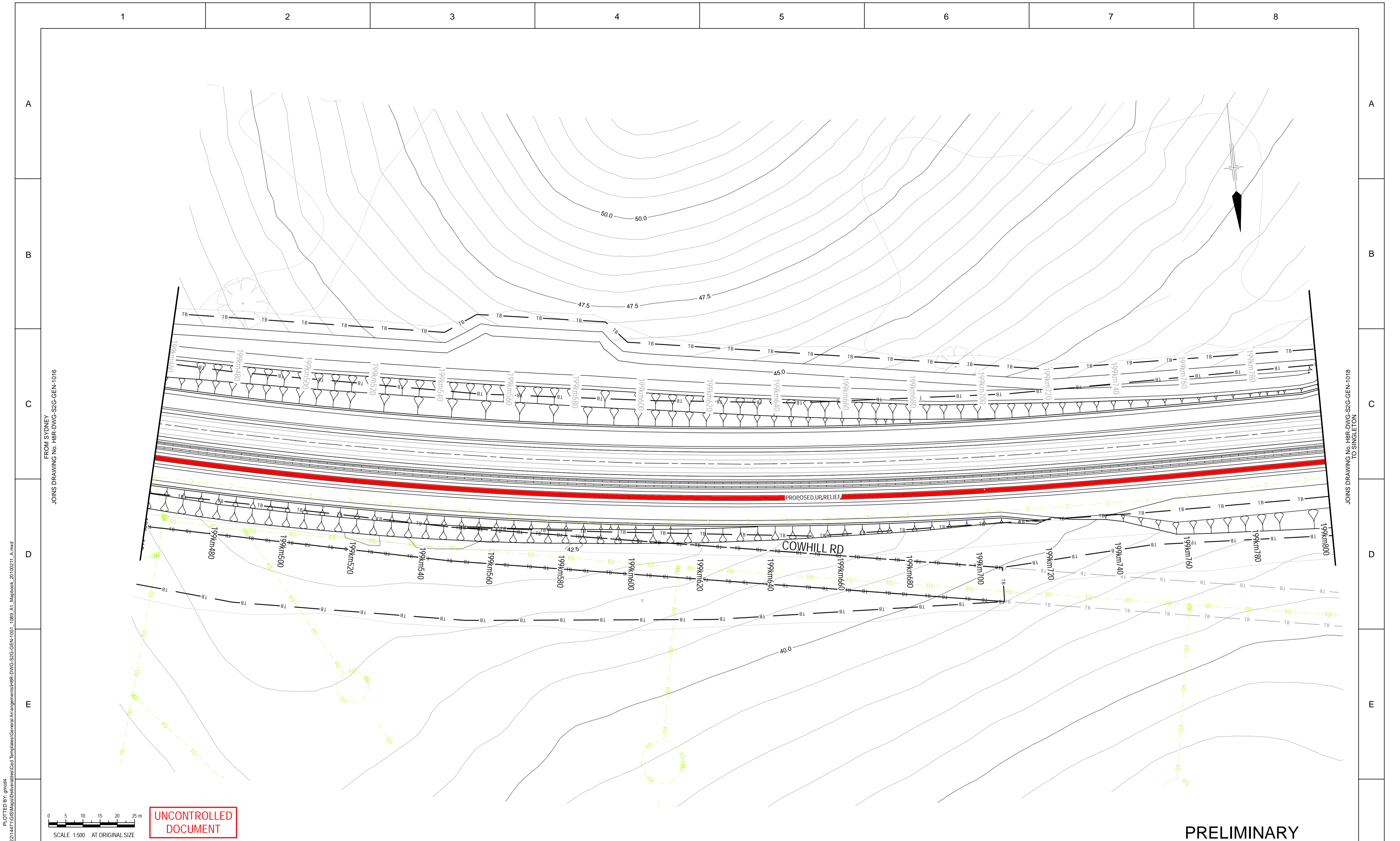
Alternate DMS number:

PLOT DATE: 16/02/2010 10:58AM  
 GHD FILEPATH: \\HTRS\01\GHD\Draw\22\14471\GIS\Map\General Arrangements\H8R-DWG-S2G-GEN-1016-1089\_A1\_Mapbook\_20100211\_A.mxd

FROM SYDNEY  
 JOINS DRAWING No. H8R-DWG-S2G-GEN-1015

JOINS DRAWING No. H8R-DWG-S2G-GEN-1017  
 TO SINGLETON

1 2 3 4 5 6 7 8



UNCONTROLLED DOCUMENT

PRELIMINARY

© 2009 Australian Rail Track Corporation Ltd.  
 Drawing standard in accordance with Hunter 8 Alliance standards  
 Used on / Next higher assembly:  
 Alternate DMS number:

ARTC APPROVAL					
Approved By					
Signed:					
Rev	Date	Revision Description	Drawn	Checked	Approved
B	16.02.10	ISSUED FOR COMMENT	G.M.		
A	10.02.10	ISSUED FOR COMMENT	T.M.		

Designing Company:  
 GHD  
 GHD Job Number:  
 22-14471

Address:  
 Level 3 GHD Tower, 24 Honeysuckle Drive  
 Newcastle NSW 2300 Australia  
 T 61 2 4979 9999 F 61 2 4979 9988  
 E ntm@mail@ghd.com W www.ghd.com

Drawn  
 T.MORTON

Designed  
 R.STEPHENS

Design Check

Approved

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

H8R DWG NUMBER **9B**

H8R-DWG-S2G-GEN-1017

MAITLAND TO MINIMBAH - THIRD TRACK  
 DETAIL PLAN  
 CH199km460 TO CH199km800

Sheet No.  
**17 OF 89**

Scale (A1):  
 1:500

PLOT DATE: 18/02/2010 10:58AM  
 GHD FILEPATH: \\NTS\01\GHD\Draw\2214471\GIS\Map\Deliverables\Cad Templates\General Arrangements\H8R-DWG-S2G-GEN-1017-1089\_A1\_Mapbook\_20100211\_A.mxd

FROM SYDNEY  
 JOINS DRAWING No. H8R-DWG-S2G-GEN-1016

TO SINGLETON  
 JOINS DRAWING No. H8R-DWG-S2G-GEN-1018

1 2 3 4 5 6 7 8

A

B

C

D

E

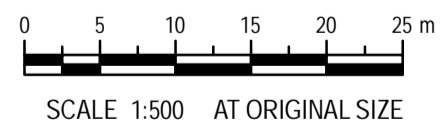
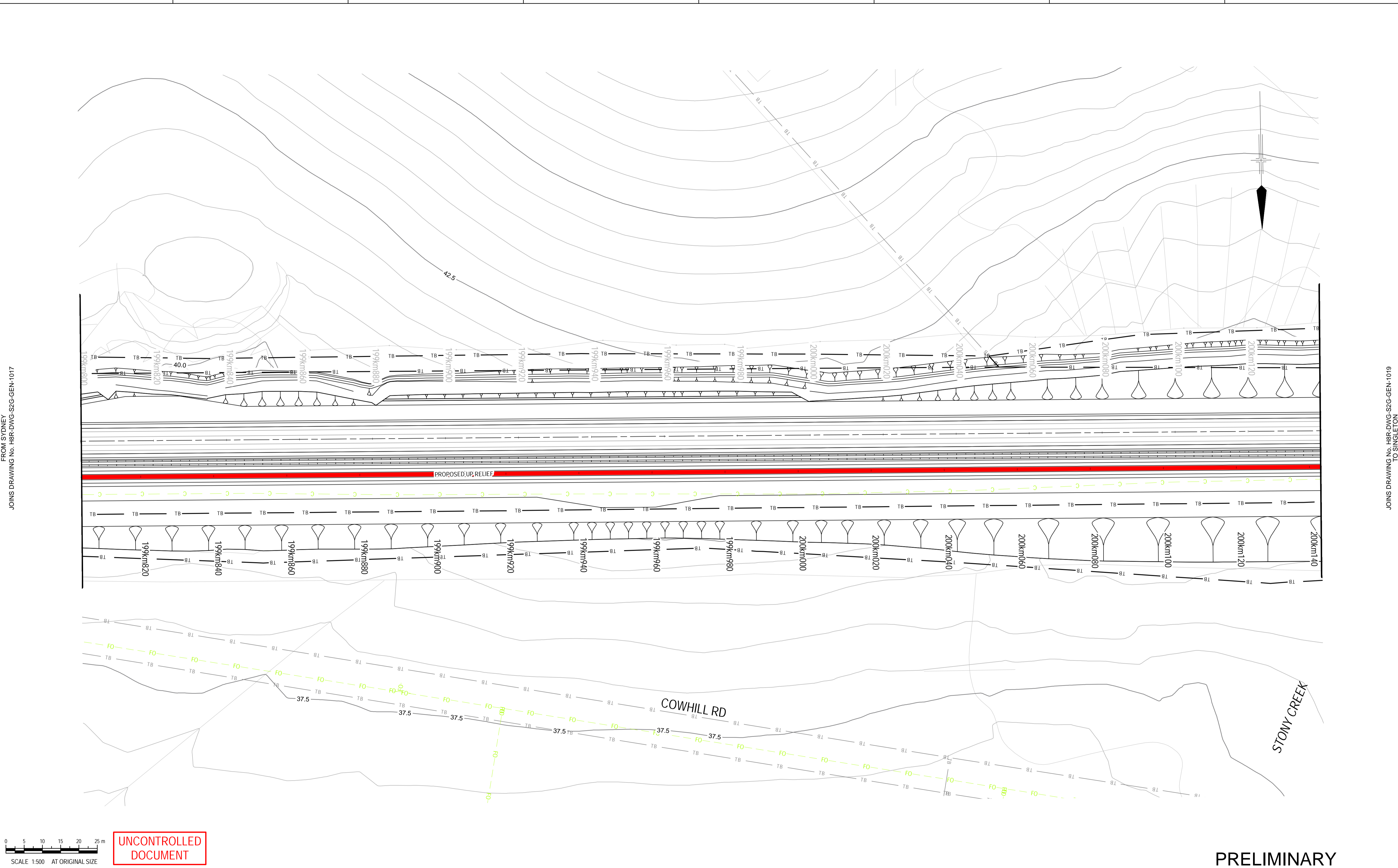
A

B

C

D

E



**UNCONTROLLED DOCUMENT**

**PRELIMINARY**

© 2009 Australian Rail Track Corporation Ltd.  
 Drawing standard in accordance with Hunter 8 Alliance standards  
 Used on / Next higher assembly:  
 Alternate DMS number:

ARTC APPROVAL		Approved By			
Signed:					
Rev	Date	Revision Description	Drawn	Checked	Approved
B	16.02.10	ISSUED FOR COMMENT	G.M.		
A	10.02.10	ISSUED FOR COMMENT	T.M.		

Designing Company:  
 GHD  
 GHD Job Number:  
 22-14471  
 Drawn:  
 T.MORTON  
 Drafting Check:  
 R.STEPHENS  
 Design Check:  
 R.STEPHENS  
 Approved:  
 Date:

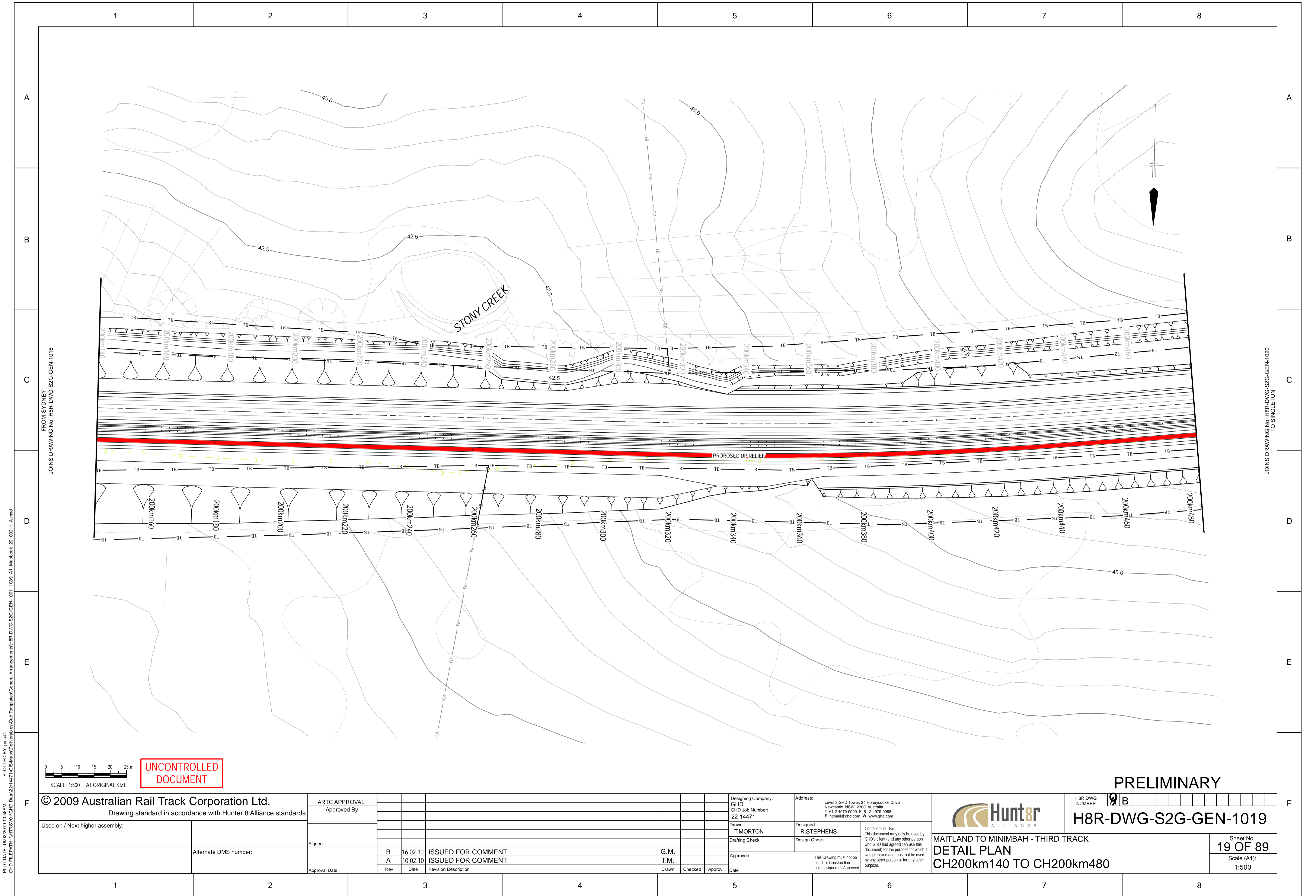
Address:  
 Level 3 GHD Tower, 24 Honeysuckle Drive  
 Newcastle NSW 2300 Australia  
 T 61 2 4979 9999 F 61 2 4979 9988  
 E rtm@mail@ghd.com W www.ghd.com  
 Conditions of Use:  
 This document may only be used by  
 GHD's client (and any other person  
 who GHD had agreed can use this  
 document) for the purpose for which it  
 was prepared and must not be used  
 by any other person or for any other  
 purpose.

H8R DWG NUMBER: 9 B  
**H8R-DWG-S2G-GEN-1018**  
 MAITLAND TO MINIMBAH - THIRD TRACK  
**DETAIL PLAN**  
 CH199km800 TO CH200km140  
 Sheet No.  
**18 OF 89**  
 Scale (A1):  
 1:500

1 2 3 4 5 6 7 8

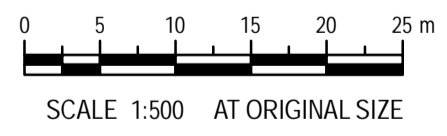
PLOT DATE: 18/02/2010 10:58AM  
 GHD FILEPATH: \\NTSRV01\GHD\_Data\2214471\GIS\Map\Deliverables\Cad Templates\General Arrangements\H8R-DWG-S2G-GEN-1018\_A1\_Mapbook\_20100211\_A.mxd

JOINS DRAWING No. H8R-DWG-S2G-GEN-1019 TO SINGLETON



FROM SYDNEY  
JOINS DRAWING No. H8R-DWG-S2G-GEN-1018

JOINS DRAWING No. H8R-DWG-S2G-GEN-1020  
TO SINGLETON



UNCONTROLLED DOCUMENT

PRELIMINARY

© 2009 Australian Rail Track Corporation Ltd.  
Drawing standard in accordance with Hunter 8 Alliance standards

Used on / Next higher assembly:	
Alternate DMS number:	

ARTC APPROVAL					
Approved By					
Signed:					
Approval Date	Rev	Date	Revision Description	Drawn	Checked
	B	16.02.10	ISSUED FOR COMMENT	G.M.	
	A	10.02.10	ISSUED FOR COMMENT	T.M.	

Designing Company: GHD GHD Job Number: 22-14471	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia T 61 2 4979 9999 F 61 2 4979 9988 E ntm@mail@ghd.com W www.ghd.com
Drawn T.MORTON	Designed R.STEPHENS
Drafting Check	Design Check
Approved	Date

H8R DWG NUMBER 9 B

H8R-DWG-S2G-GEN-1019

MAITLAND TO MINIMBAH - THIRD TRACK  
DETAIL PLAN  
CH200km140 TO CH200km480

Sheet No.  
**19 OF 89**

Scale (A1):  
1:500

PLOT DATE: 18/02/2010 10:58AM  
GHD FILEPATH: \\HTRS\01\GHD\_Drawing\22\14471\GIS\Map\Batteries\Cad Templates\General Arrangements\H8R-DWG-S2G-GEN-1018\_A1\_Mapbook\_20100211\_A.mxd

1 2 3 4 5 6 7 8

A

B

C

D

E

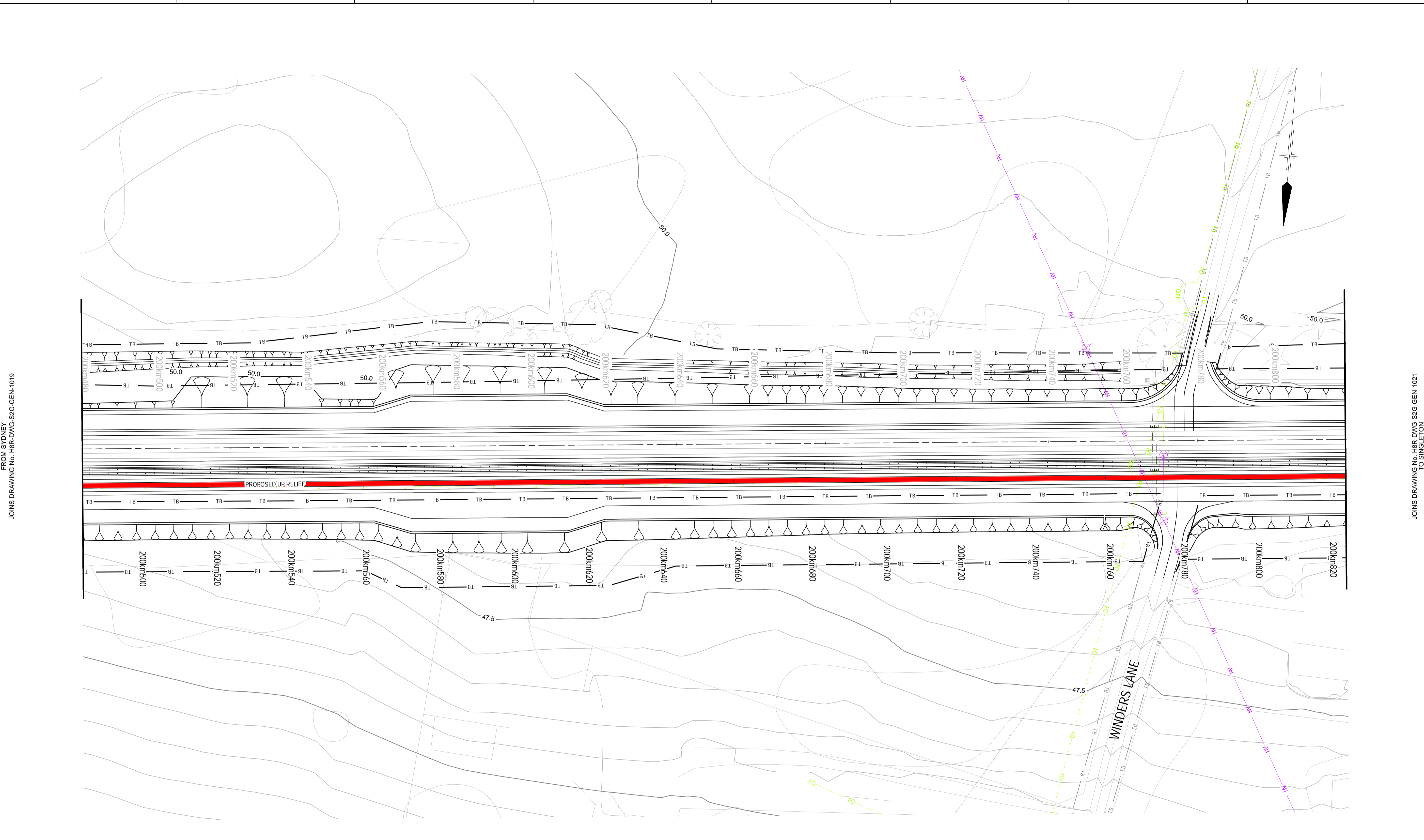
A

B

C

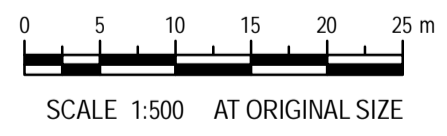
D

E



FROM SYDNEY  
JOINS DRAWING No. H8R-DWG-S2G-GEN-1019

JOINS DRAWING No. H8R-DWG-S2G-GEN-1021  
TO SINGLETON



**UNCONTROLLED DOCUMENT**

**PRELIMINARY**

© 2009 Australian Rail Track Corporation Ltd.  
Drawing standard in accordance with Hunter 8 Alliance standards

ARTC APPROVAL					
Approved By					
Signed:					
Approval Date					
Rev	Date	Revision Description	Drawn	Checked	Approved
B	16.02.10	ISSUED FOR COMMENT	G.M.		
A	10.02.10	ISSUED FOR COMMENT	T.M.		

Designing Company: GHD GHD Job Number: 22-14471	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia T 61 2 4979 9999 F 61 2 4979 9988 E ntrmail@ghd.com W www.ghd.com
Drawn T.MORTON	Designed R.STEPHENS
Drafting Check	Design Check
Approved	Date

H8R DWG NUMBER **9B**

**H8R-DWG-S2G-GEN-1020**

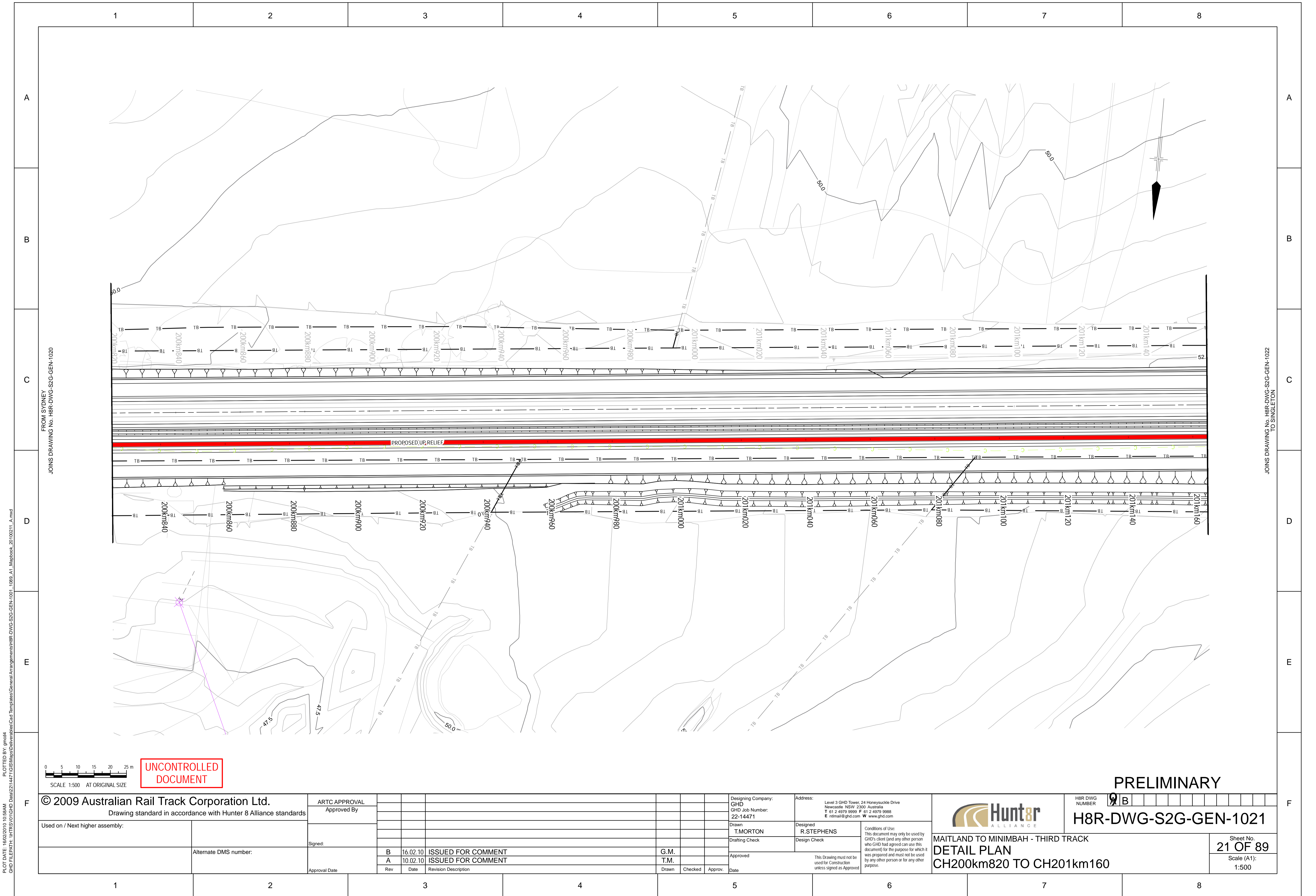
MAITLAND TO MINIMBAH - THIRD TRACK  
**DETAIL PLAN**  
CH200km480 TO CH200km820

Sheet No.  
**20 OF 89**

Scale (A1):  
1:500

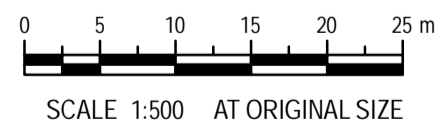
1 2 3 4 5 6 7 8

PLOT DATE: 18/02/2010 10:58AM  
GHD FILEPATH: \\HTRS\01\GHD\_DWG\2214471\GIS\Map\Deliverables\Cad Templates\General Arrangements\H8R-DWG-S2G-GEN-1001-1089\_A1\_Mapbook\_20100211\_A.mxd



FROM SYDNEY  
JOINS DRAWING No. H8R-DWG-S2G-GEN-1020

JOINS DRAWING No. H8R-DWG-S2G-GEN-1022  
TO SINGLETON



**UNCONTROLLED DOCUMENT**

**PRELIMINARY**

© 2009 Australian Rail Track Corporation Ltd.  
Drawing standard in accordance with Hunter 8 Alliance standards

Used on / Next higher assembly:

Alternate DMS number:

ARTC APPROVAL									
Approved By									
Signed:									
Approval Date	Rev	Date	Revision Description	Drawn	Checked	Approved			
	B	16.02.10	ISSUED FOR COMMENT	G.M.					
	A	10.02.10	ISSUED FOR COMMENT	T.M.					

Designing Company:  
GHD  
GHD Job Number:  
22-14471

Address:  
Level 3 GHD Tower, 24 Honeysuckle Drive  
Newcastle NSW 2300 Australia  
T 61 2 4979 9999 F 61 2 4979 9988  
E ntm@mail@ghd.com W www.ghd.com

Drawn:  
T.MORTON

Designed:  
R.STEPHENS

Design Check:

Approved:

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

**Hunter 8 ALLIANCE**

H8R DWG NUMBER: **9B**

**H8R-DWG-S2G-GEN-1021**

MAITLAND TO MINIMBAH - THIRD TRACK  
**DETAIL PLAN**  
CH200km820 TO CH201km160

Sheet No.  
**21 OF 89**

Scale (A1):  
1:500

PLOT DATE: 18/02/2010 10:58AM  
GHD FILEPATH: \\NTSMS\01\GHD\_Data\2214471\GIS\Map\General Arrangements\H8R-DWG-S2G-GEN-1001-1089\_A1\_Mapbook\_20100211\_A.mxd

1 2 3 4 5 6 7 8

A

B

C

D

E

A

B

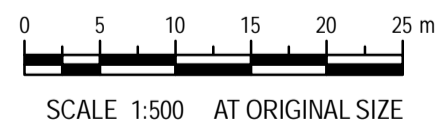
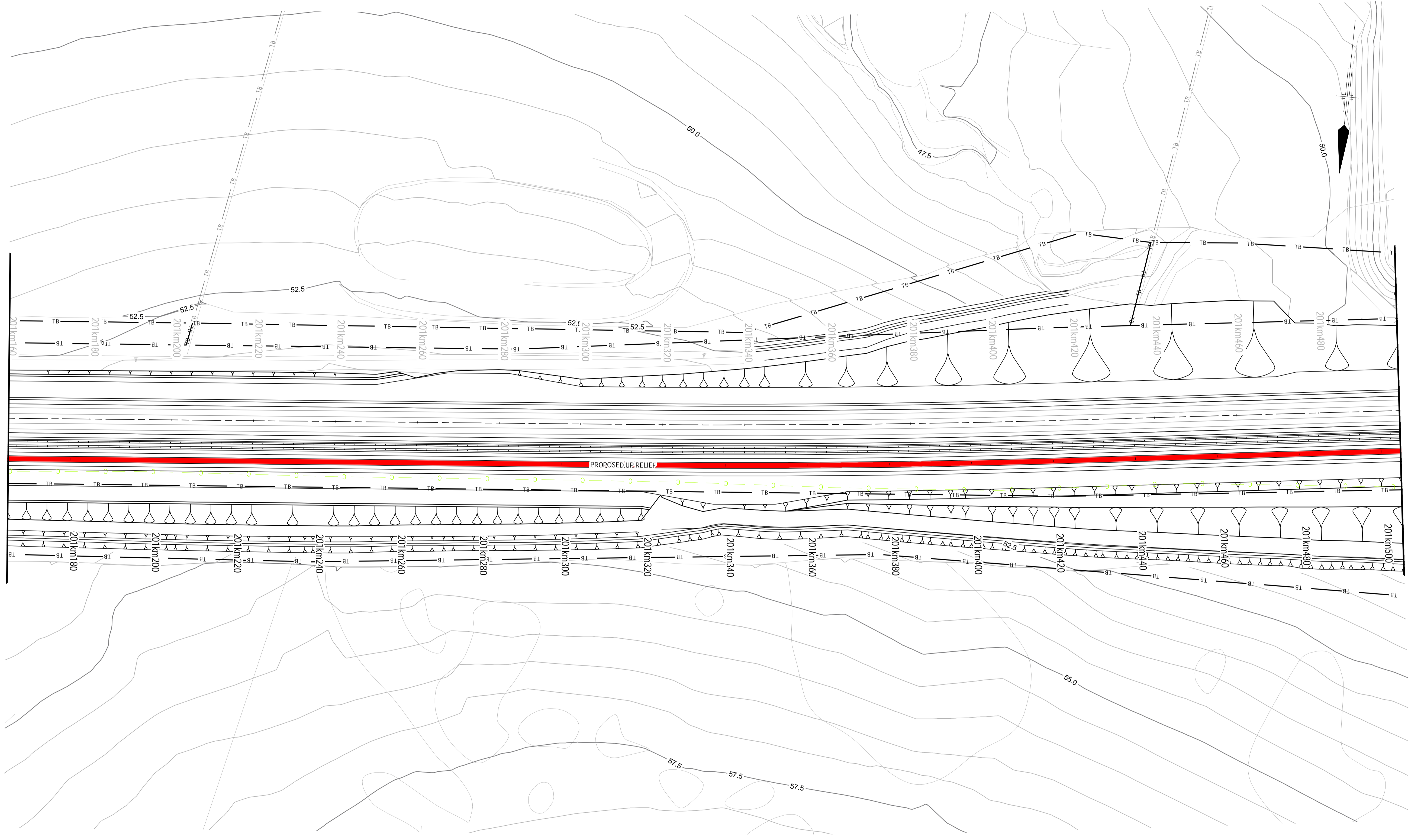
C

D

E

FROM SYDNEY  
JOINS DRAWING No. H8R-DWG-S2G-GEN-1021

JOINS DRAWING No. H8R-DWG-S2G-GEN-1023  
TO SINGLETON



**UNCONTROLLED DOCUMENT**

**PRELIMINARY**

© 2009 Australian Rail Track Corporation Ltd.  
Drawing standard in accordance with Hunter 8 Alliance standards

ARTC APPROVAL											
Approved By											
Signed:											
Approval Date		Rev	Date	Revision Description		Drawn	Checked	Approved		Date	
		B	16.02.10	ISSUED FOR COMMENT		G.M.					
		A	10.02.10	ISSUED FOR COMMENT		T.M.					

Designing Company: GHD GHD Job Number: 22-14471	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia T 61 2 4979 9999 F 61 2 4979 9988 E ntm@mail@ghd.com W www.ghd.com
Drawn T.MORTON	Designed R.STEPHENS
Drafting Check	Design Check
Approved	This Drawing must not be used for Construction unless signed as Approved

H8R DWG NUMBER **9B**

**H8R-DWG-S2G-GEN-1022**

MAITLAND TO MINIMBAH - THIRD TRACK  
**DETAIL PLAN**  
CH201km160 TO CH201km500

Sheet No.  
**22 OF 89**

Scale (A1):  
1:500

PLOT DATE: 18/02/2010 10:58AM  
GHD FILEPATH: \\NTS\01\GHD\_Data\2214471\GIS\Map\Deliverables\Cad Templates\General Arrangements\H8R-DWG-S2G-GEN-1001-1089\_A1\_Mapbook\_20100211\_A.mxd

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

A

B

C

D

E

A

B

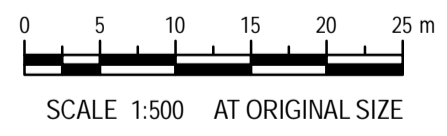
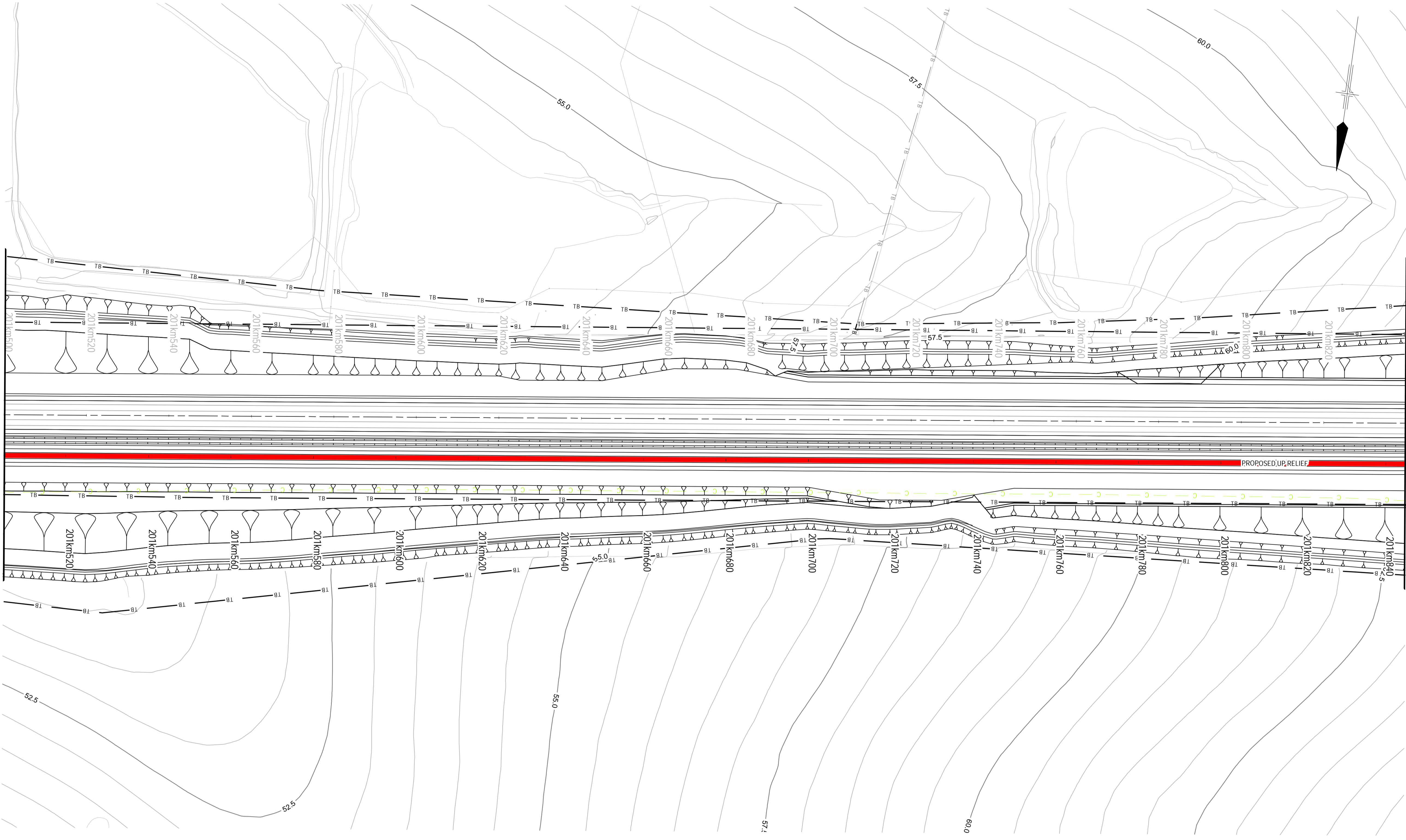
C

D

E

FROM SYDNEY  
JOINS DRAWING No. H8R-DWG-S2G-GEN-1022

TO SINGLETON  
JOINS DRAWING No. H8R-DWG-S2G-GEN-1024



**UNCONTROLLED DOCUMENT**

**PRELIMINARY**

© 2009 Australian Rail Track Corporation Ltd.  
Drawing standard in accordance with Hunter 8 Alliance standards

ARTC APPROVAL											
Approved By											
Signed:											
Approval Date		Rev	Date	Revision Description		Drawn	Checked	Approved		Date	
		B	16.02.10	ISSUED FOR COMMENT		G.M.					
		A	10.02.10	ISSUED FOR COMMENT		T.M.					

Used on / Next higher assembly:	
Alternate DMS number:	

Designing Company: GHD GHD Job Number: 22-14471	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia T 61 2 4979 9999 F 61 2 4979 9988 E ntm@mail@ghd.com W www.ghd.com
Drawn T.MORTON	Designed R.STEPHENS
Approved	
This drawing must not be used for construction unless signed as Approved	

	H8R DWG NUMBER	9 B
	<b>H8R-DWG-S2G-GEN-1023</b>	
MAITLAND TO MINIMBAH - THIRD TRACK <b>DETAIL PLAN</b> CH201km500 TO CH201km840		Sheet No. <b>23 OF 89</b> Scale (A1): 1:500

PLOT DATE: 18/02/2010 10:58AM  
 GHD FILEPATH: \\HTRS\01\GHD\Drawings\H8R-DWG-S2G-GEN-1001-1089\_A1\_Mapbook\_20100211\_A.mxd

1 2 3 4 5 6 7 8

A

B

C

D

E

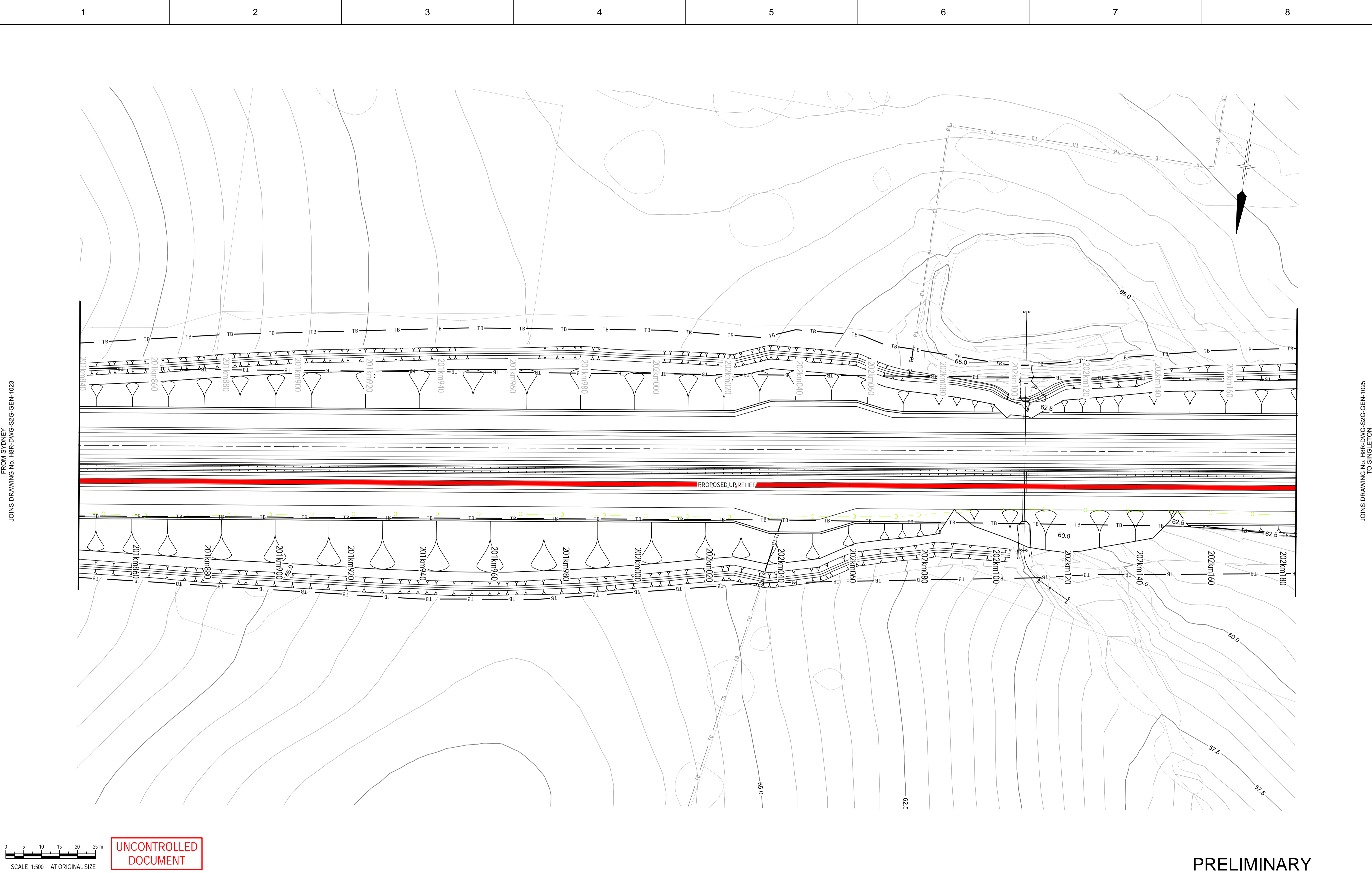
A

B

C

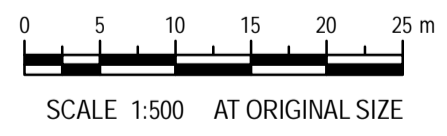
D

E



FROM SYDNEY  
JOINS DRAWING No. H8R-DWG-S2G-GEN-1023

JOINS DRAWING No. H8R-DWG-S2G-GEN-1025  
TO SINGLETON



**UNCONTROLLED DOCUMENT**

**PRELIMINARY**

© 2009 Australian Rail Track Corporation Ltd.  
Drawing standard in accordance with Hunter 8 Alliance standards

Used on / Next higher assembly:

Alternate DMS number:

ARTC APPROVAL									
Approved By									
Signed:									
Rev	Date	Revision Description	Drawn	Checked	Approved				
B	16.02.10	ISSUED FOR COMMENT				G.M.			
A	10.02.10	ISSUED FOR COMMENT				T.M.			

Designing Company:  
GHD  
GHD Job Number:  
22-14471

Address:  
Level 3 GHD Tower, 24 Honeysuckle Drive  
Newcastle NSW 2300 Australia  
T 61 2 4979 9999 F 61 2 4979 9988  
E ntm@mail@ghd.com W www.ghd.com

Drawn  
T.MORTON

Designed  
R.STEPHENS

Drafting Check  
Design Check

Approved

Conditions of Use:  
This document may only be used by GHD's client (and any other person who GHD had 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 8 ALLIANCE**

H8R DWG NUMBER **9 B**

**H8R-DWG-S2G-GEN-1024**

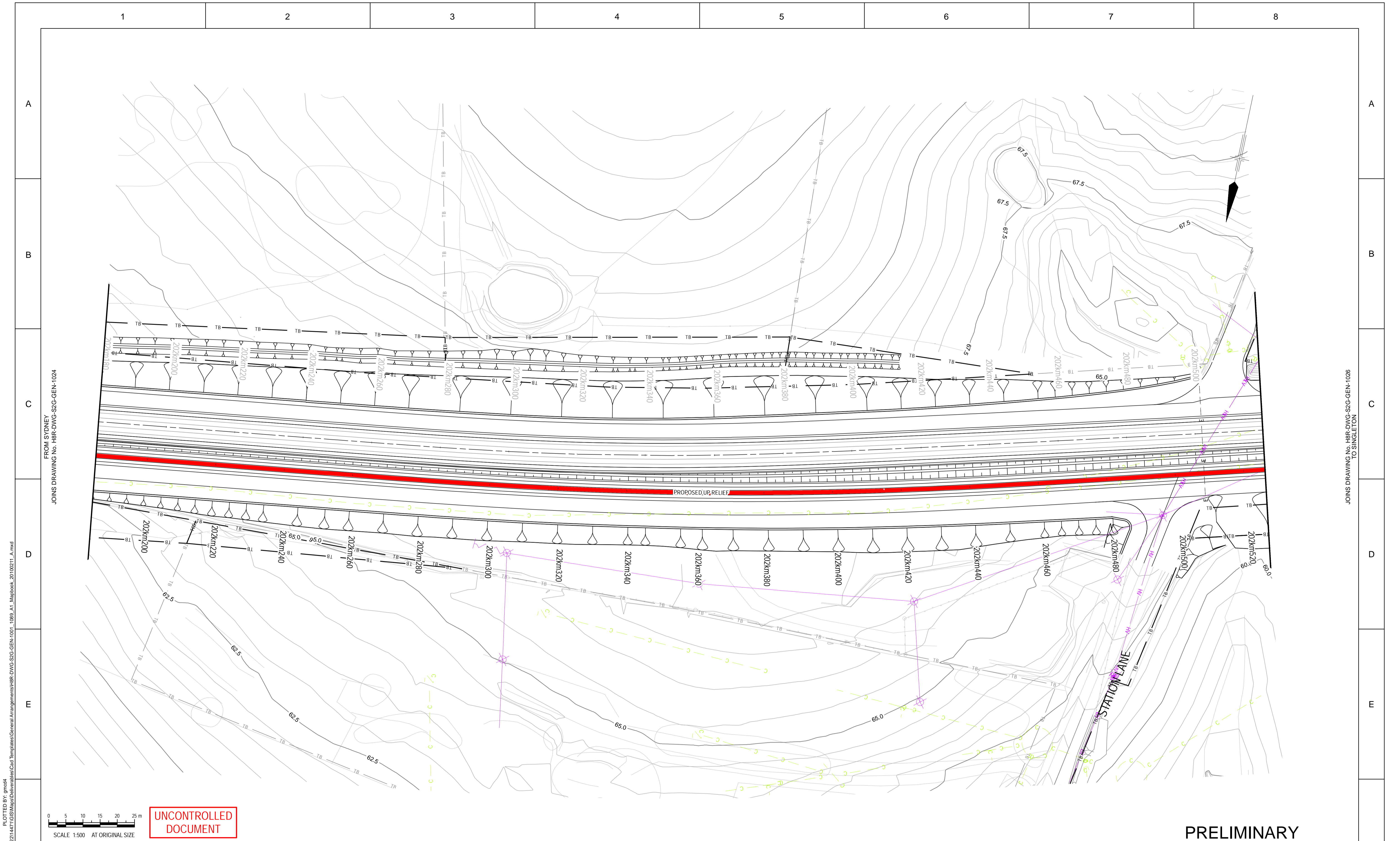
MAITLAND TO MINIMBAH - THIRD TRACK  
**DETAIL PLAN**  
CH201km840 TO CH202km180

Sheet No.  
**24 OF 89**

Scale (A1):  
1:500

1 2 3 4 5 6 7 8

PLOT DATE: 18/02/2010 10:58AM  
GHD FILEPATH: \\HTRS\01\GHD\Draw\22\14471\GIS\Maps\Deliverables\Cad Templates\General Arrangements\H8R-DWG-S2G-GEN-1001-1089\_A1\_Mapbook\_20100211\_A.mxd



© 2009 Australian Rail Track Corporation Ltd.  
Drawing standard in accordance with Hunter 8 Alliance standards

Used on / Next higher assembly:

Alternate DMS number:

ARTC APPROVAL		Approved By			
Signed:					
Rev	Date	Revision Description	Drawn	Checked	Approved
B	16.02.10	ISSUED FOR COMMENT	G.M.		
A	10.02.10	ISSUED FOR COMMENT	T.M.		

Designing Company:  
GHD  
GHD Job Number:  
22-14471

Address:  
Level 3 GHD Tower, 24 Honeysuckle Drive  
Newcastle NSW 2300 Australia  
T 61 2 4979 9999 F 61 2 4979 9988  
E intmail@ghd.com W www.ghd.com

Drawn:  
T.MORTON

Designed:  
R.STEPHENS

Approved:

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

PRELIMINARY

H8R DWG NUMBER: 9 B

**H8R-DWG-S2G-GEN-1025**

MAITLAND TO MINIMBAH - THIRD TRACK  
**DETAIL PLAN**  
CH202km180 TO CH202km520

Sheet No.  
**25 OF 89**  
Scale (A1):  
1:500

1 2 3 4 5 6 7 8

A

B

C

D

E

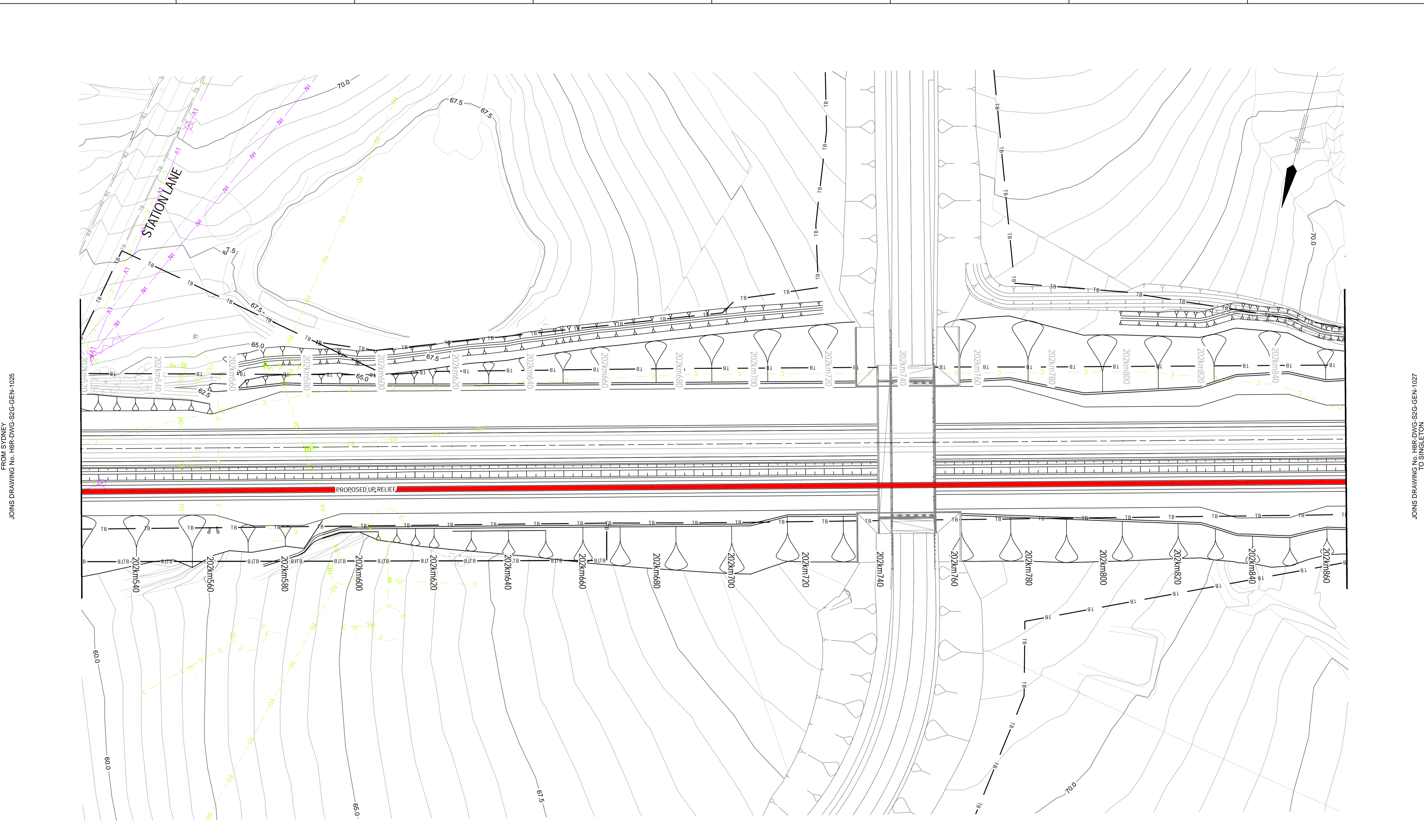
A

B

C

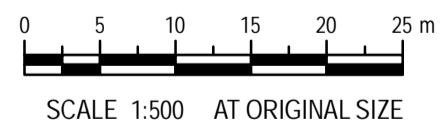
D

E



FROM SYDNEY  
JOINS DRAWING No. H8R-DWG-S2G-GEN-1025

JOINS DRAWING No. H8R-DWG-S2G-GEN-1027  
TO SINGLETON



**UNCONTROLLED DOCUMENT**

**PRELIMINARY**

© 2009 Australian Rail Track Corporation Ltd.  
Drawing standard in accordance with Hunter 8 Alliance standards

ARTC APPROVAL					
Approved By					
Signed:					
Approval Date					
Rev	Date	Revision Description	Drawn	Checked	Approved
B	16.02.10	ISSUED FOR COMMENT	G.M.		
A	10.02.10	ISSUED FOR COMMENT	T.M.		

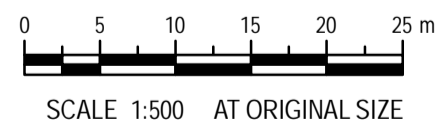
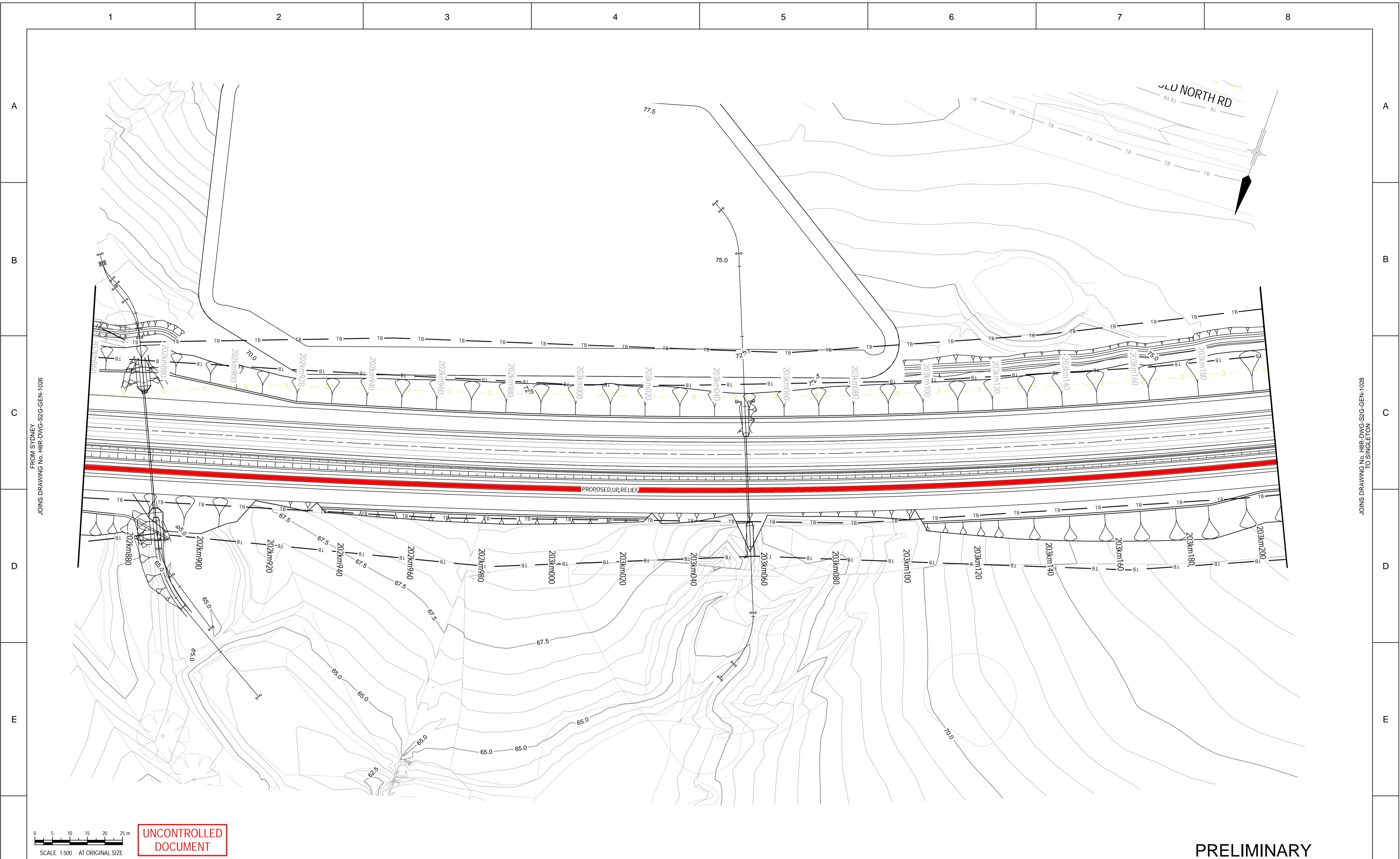
Designing Company: GHD GHD Job Number: 22-14471	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia T 61 2 4979 9999 F 61 2 4979 9988 E ntrmail@ghd.com W www.ghd.com
Drawn T.MORTON	Designed R.STEPHENS
Drafting Check	Design Check
Approved	Date

MAITLAND TO MINIMBAH - THIRD TRACK  
**DETAIL PLAN**  
CH202km520 TO CH202km860

H8R DWG NUMBER	9 B
<b>H8R-DWG-S2G-GEN-1026</b>	
Sheet No.	26 OF 89
Scale (A1):	1:500

PLOT DATE: 18/02/2010 10:58AM  
GHD FILEPATH: \\HTRS\01\GHD\_Data\2214471\GIS\Map\Drawables\Cad Templates\General Arrangements\H8R-DWG-S2G-GEN-1026\_A1\_Mapbook\_20100211\_A.mxd

1 2 3 4 5 6 7 8




**UNCONTROLLED DOCUMENT**

© 2009 Australian Rail Track Corporation Ltd.  
Drawing standard in accordance with Hunter 8 Alliance standards

Used on / Next higher assembly:	
Alternate DMS number:	

ARTC APPROVAL					
Approved By					
Signed:					
Approval Date	Rev	Date	Revision Description	Drawn	Checked
	B	16.02.10	ISSUED FOR COMMENT	G.M.	
	A	10.02.10	ISSUED FOR COMMENT	T.M.	

Designing Company: GHD GHD Job Number: 22-14471	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia T 61 2 4979 9999 F 61 2 4979 9988 E ntm@mail@ghd.com W www.ghd.com
Drawn T.MORTON	Designed R.STEPHENS
Drafting Check	Design Check
Approved	Date



**MAITLAND TO MINIMBAH - THIRD TRACK**  
**DETAIL PLAN**  
**CH202km860 TO CH203km200**

**PRELIMINARY**

H8R-DWG-S2G-GEN-1027

Sheet No.  
**27 OF 89**

Scale (A1):  
1:500

PLOT DATE: 18/02/2010 10:58AM  
GHD FILE PATH: \\NTS\01\GHD\_Drawing\22\14471\GIS\Map\General Arrangements\H8R-DWG-S2G-GEN-1001-1089\_A1\_Mapbook\_20100211\_A.mxd

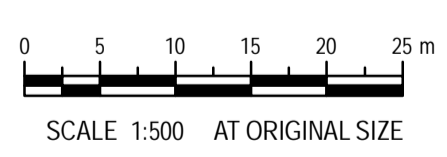
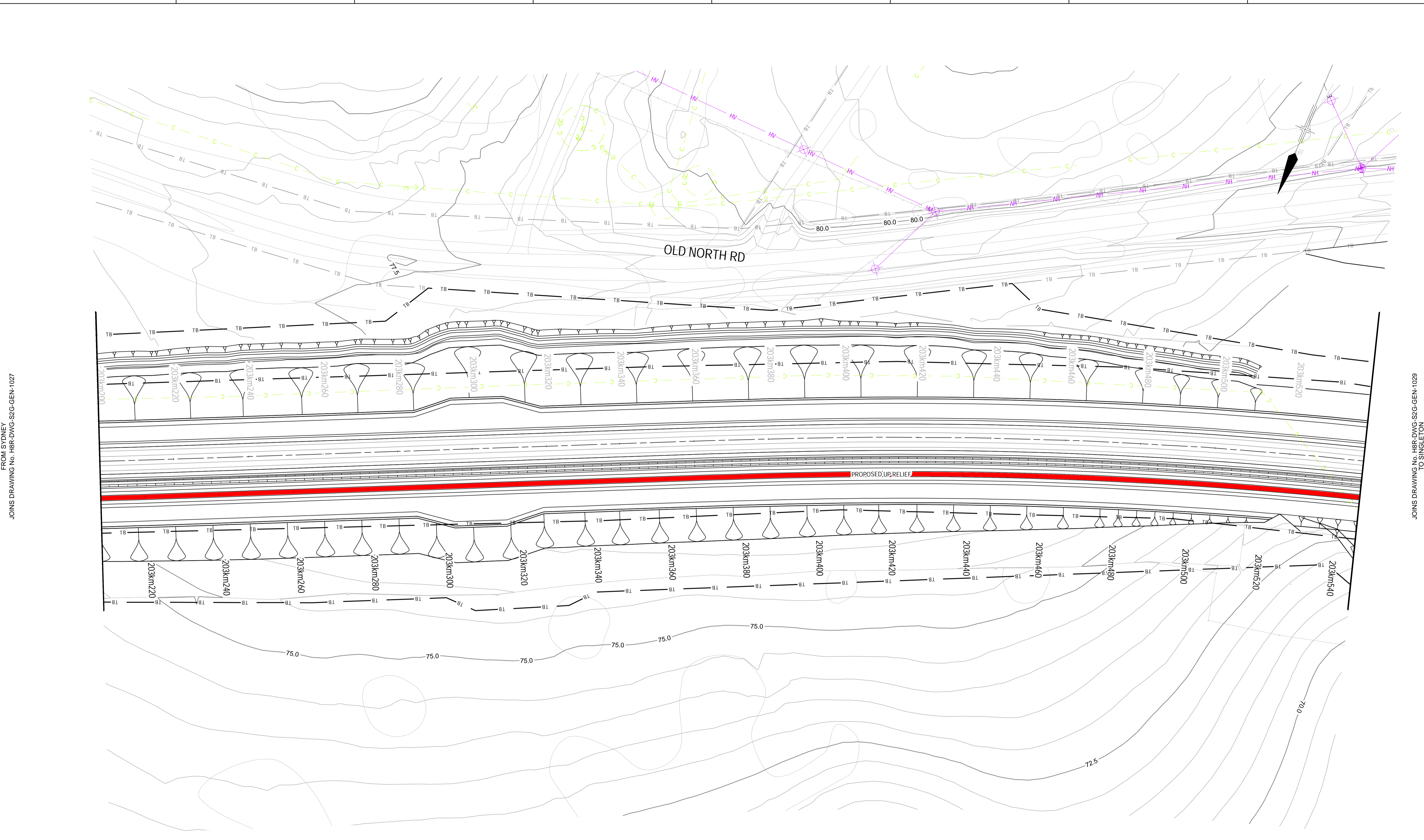
FROM SYDNEY  
JOINS DRAWING No. H8R-DWG-S2G-GEN-1026

TO SINGLETON  
JOINS DRAWING No. H8R-DWG-S2G-GEN-1028

1 2 3 4 5 6 7 8

A  
B  
C  
D  
E

A  
B  
C  
D  
E



**UNCONTROLLED DOCUMENT**

**PRELIMINARY**

© 2009 Australian Rail Track Corporation Ltd.  
Drawing standard in accordance with Hunter 8 Alliance standards

ARTC APPROVAL			
Approved By			
Signed:			
Rev	Date	Revision Description	Drawn
B	16.02.10	ISSUED FOR COMMENT	G.M.
A	10.02.10	ISSUED FOR COMMENT	T.M.
Approval Date		Date	

Designing Company: GHD GHD Job Number: 22-14471	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia T 61 2 4979 9999 F 61 2 4979 9988 E ntm@mail@ghd.com W www.ghd.com
Drawn T.MORTON	Designed R.STEPHENS
Approved	
Date	

	H8R DWG NUMBER <b>9 B</b>	<b>H8R-DWG-S2G-GEN-1028</b>	Sheet No. <b>28 OF 89</b> Scale (A1): 1:500
	MAITLAND TO MINIMBAH - THIRD TRACK <b>DETAIL PLAN</b> CH203km200 TO CH203km540		

Used on / Next higher assembly:

Alternate DMS number:

1 2 3 4 5 6 7 8

PLOT DATE: 16/02/2010 10:58AM GHD FILEPATH: \\NTS\01\GHD\_Data\2214471\GIS\Map\General Arrangements\H8R-DWG-S2G-GEN-1028\_A1\_Mapbook\_20100211\_A.mxd

FROM SYDNEY  
JOINS DRAWING No. H8R-DWG-S2G-GEN-1027

TO SINGLETON  
JOINS DRAWING No. H8R-DWG-S2G-GEN-1029

1 2 3 4 5 6 7 8

A

B

C

D

E

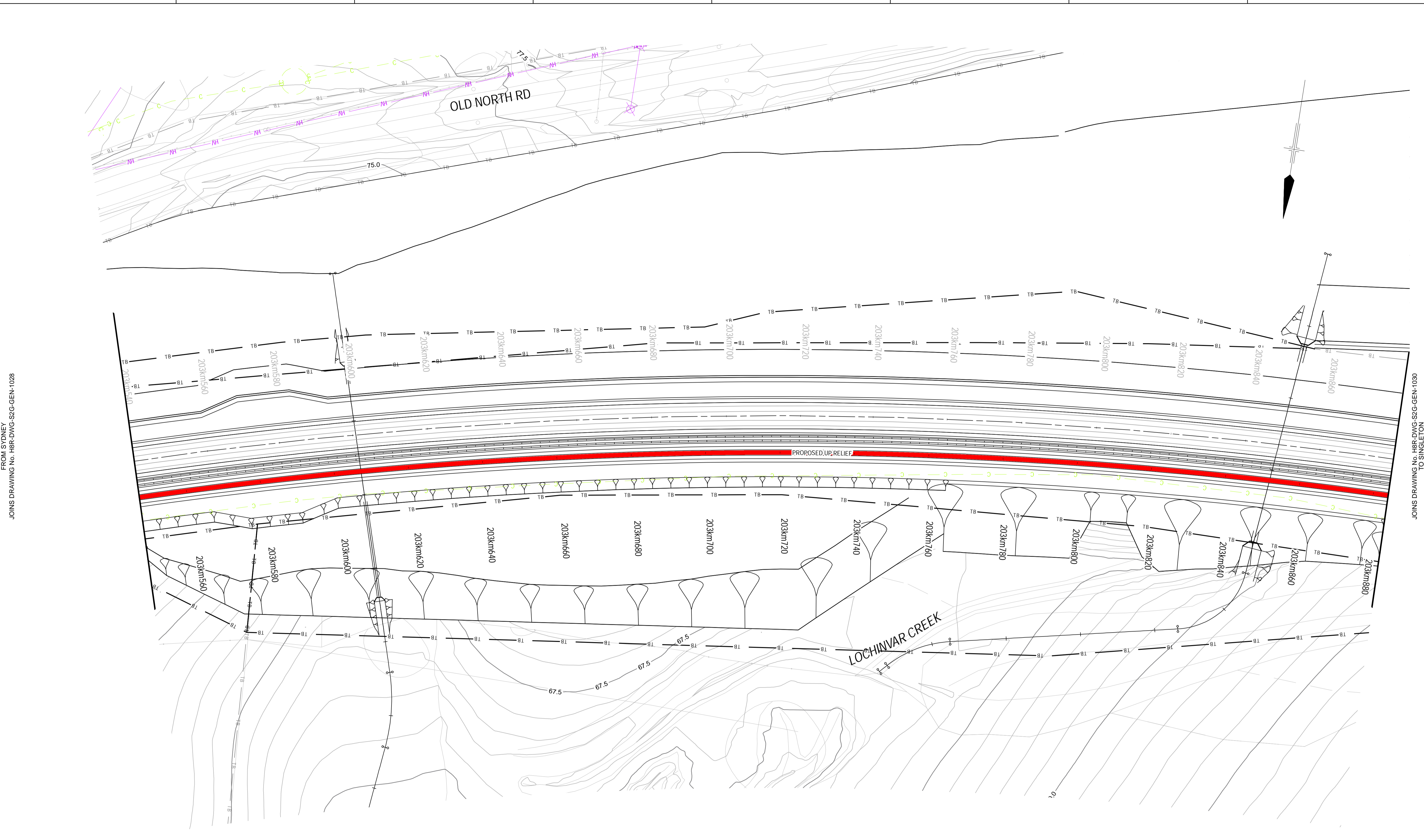
A

B

C

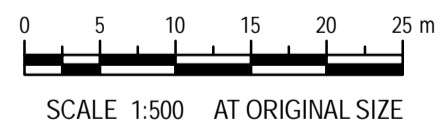
D

E



FROM SYDNEY  
JOINS DRAWING No. H8R-DWG-S2G-GEN-1028

TO SINGLETON  
JOINS DRAWING No. H8R-DWG-S2G-GEN-1030



**UNCONTROLLED DOCUMENT**

**PRELIMINARY**

© 2009 Australian Rail Track Corporation Ltd.  
Drawing standard in accordance with Hunter 8 Alliance standards

ARTC APPROVAL			
Approved By			
Signed:			
Approval Date	Rev	Date	Revision Description
	B	16.02.10	ISSUED FOR COMMENT
	A	10.02.10	ISSUED FOR COMMENT

Designing Company: GHD GHD Job Number: 22-14471	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia T 61 2 4979 9999 F 61 2 4979 9988 E ntm@mail@ghd.com W www.ghd.com
Drawn T.MORTON	Designed R.STEPHENS
Drafting Check	Design Check
Approved	Date

H8R DWG NUMBER **9B**

**H8R-DWG-S2G-GEN-1029**

MAITLAND TO MINIMBAH - THIRD TRACK  
**DETAIL PLAN**  
CH203km540 TO CH203km880

Sheet No.  
**29 OF 89**

Scale (A1):  
1:500

PLOT DATE: 18/02/2010 10:58AM  
GHD FILEPATH: \\NTS\01\GHD\_Drawing\2214471\GIS\Map\Barr\Barr\Barr\Cad Templates\General Arrangements\H8R-DWG-S2G-GEN-1001\_1089\_A1\_Mapbook\_20100211\_A.mxd

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

A

B

C

D

E

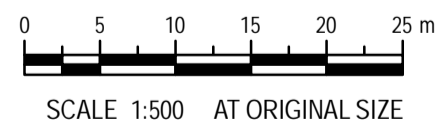
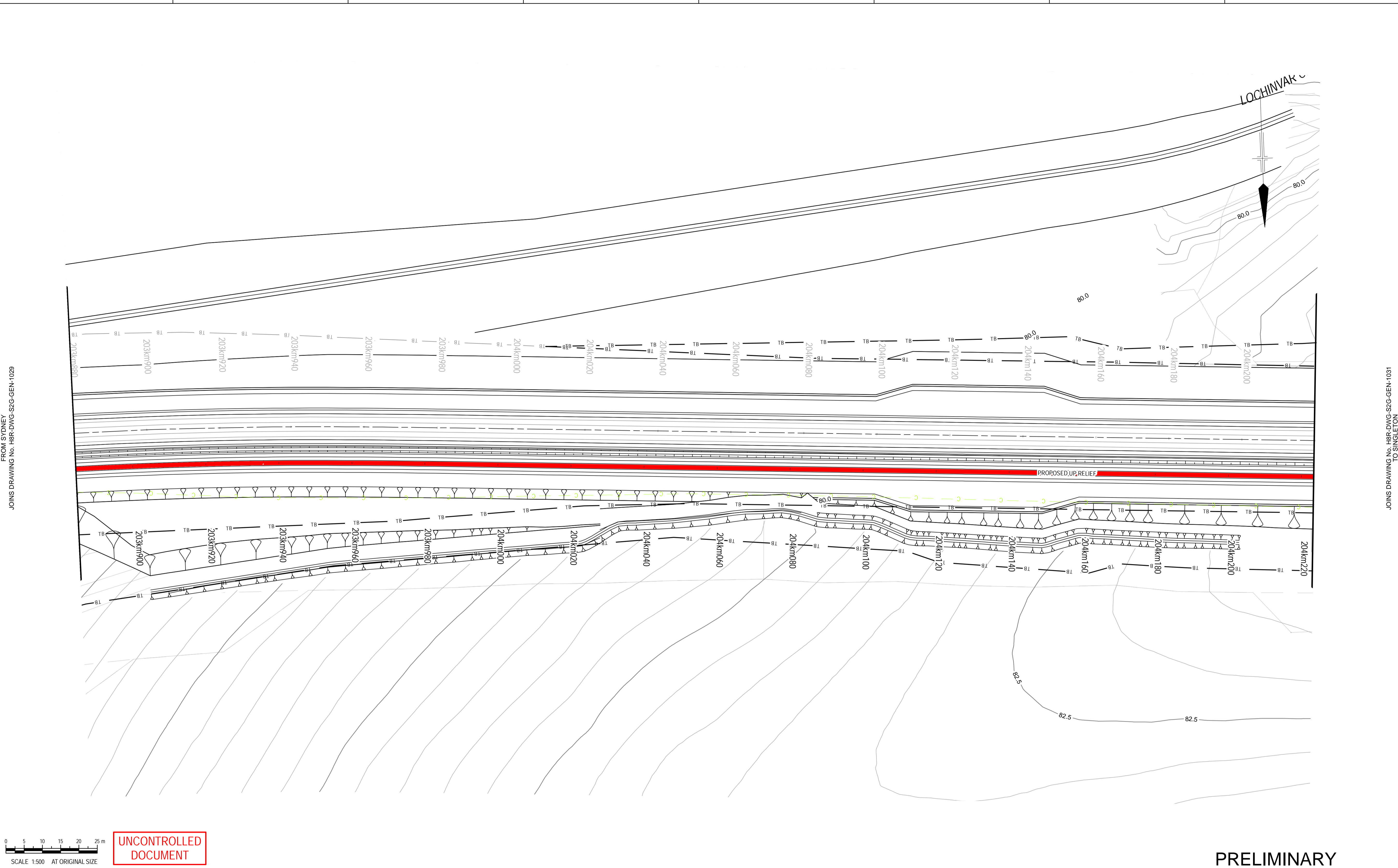
A

B

C

D

E



**UNCONTROLLED DOCUMENT**

**PRELIMINARY**

© 2009 Australian Rail Track Corporation Ltd.  
Drawing standard in accordance with Hunter 8 Alliance standards

ARTC APPROVAL									
Approved By									
Signed:									
Rev	Date	Revision Description	Drawn	Checked	Approved				
B	16.02.10	ISSUED FOR COMMENT				G.M.			
A	10.02.10	ISSUED FOR COMMENT				T.M.			

Designing Company: GHD GHD Job Number: 22-14471	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia T 61 2 4979 9999 F 61 2 4979 9988 E ntm@mail@ghd.com W www.ghd.com
Drawn: T.MORTON	Designed: R.STEPHENS
Drafting Check	Design Check
Approved	Date

H8R DWG NUMBER **9B**

**H8R-DWG-S2G-GEN-1030**

MAITLAND TO MINIMBAH - THIRD TRACK  
**DETAIL PLAN**  
CH203km880 TO CH204km220

Sheet No.  
**30 OF 89**

Scale (A1):  
1:500

1 2 3 4 5 6 7 8

PLOT DATE: 18/02/2010 10:58AM GHD FILEPATH: \\HTRS\01\GHD\Draw\2214471\GIS\Maps\Deliverables\Cad Templates\General Arrangements\H8R-DWG-S2G-GEN-1001-1089\_A1\_Mapbook\_20100211\_A.mxd

JOINS DRAWING No. H8R-DWG-S2G-GEN-1031 TO SINGLETON

1 2 3 4 5 6 7 8

A

B

C

D

E

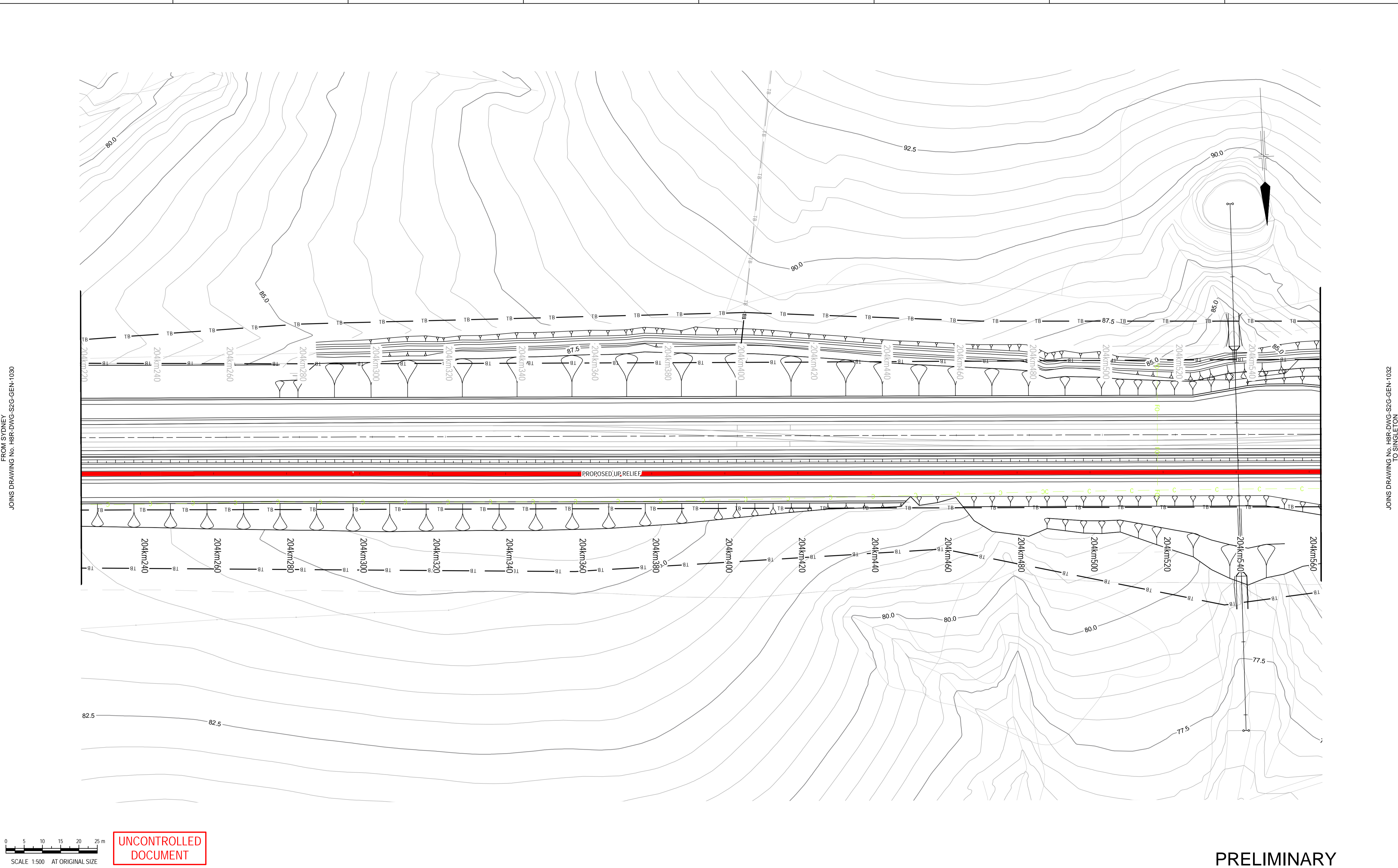
A

B

C

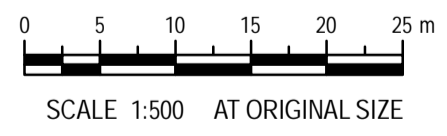
D

E



FROM SYDNEY  
JOINS DRAWING No. H8R-DWG-S2G-GEN-1030

TO SINGLETON  
JOINS DRAWING No. H8R-DWG-S2G-GEN-1032



UNCONTROLLED DOCUMENT

PRELIMINARY

© 2009 Australian Rail Track Corporation Ltd.  
Drawing standard in accordance with Hunter 8 Alliance standards

Used on / Next higher assembly:

Alternate DMS number:

ARTC APPROVAL							
Approved By							
Signed:							
Rev	Date	Revision Description	Drawn	Checked	Approved	Date	
B	16.02.10	ISSUED FOR COMMENT					G.M.
A	10.02.10	ISSUED FOR COMMENT					T.M.

Designing Company: GHD  
GHD Job Number: 22-14471

Address: Level 3 GHD Tower, 24 Honeysuckle Drive  
Newcastle NSW 2300 Australia  
T 61 2 4979 9999 F 61 2 4979 9988  
E rtm@mail@ghd.com W www.ghd.com

Drawn: T.MORTON  
Designed: R.STEPHENS  
Drafting Check: Design Check

Approved: \_\_\_\_\_  
Date: \_\_\_\_\_

Conditions of Use: This document may only be used by GHD's client (and any other person who GHD had 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.

H8R DWG NUMBER **9 B**

H8R-DWG-S2G-GEN-1031

MAITLAND TO MINIMBAH - THIRD TRACK  
DETAIL PLAN  
CH204km220 TO CH204km560

Sheet No.  
**31 OF 89**

Scale (A1):  
1:500

1 2 3 4 5 6 7 8

PLOT DATE: 18/02/2010 10:58AM  
GHD FILEPATH: \\HTRS\01\GHD\_DWG\22\14471\GIS\Map\General Arrangements\H8R-DWG-S2G-GEN-1031-1089\_A1\_Mapbook\_20100211\_A.mxd

1 2 3 4 5 6 7 8

A

B

C

D

E

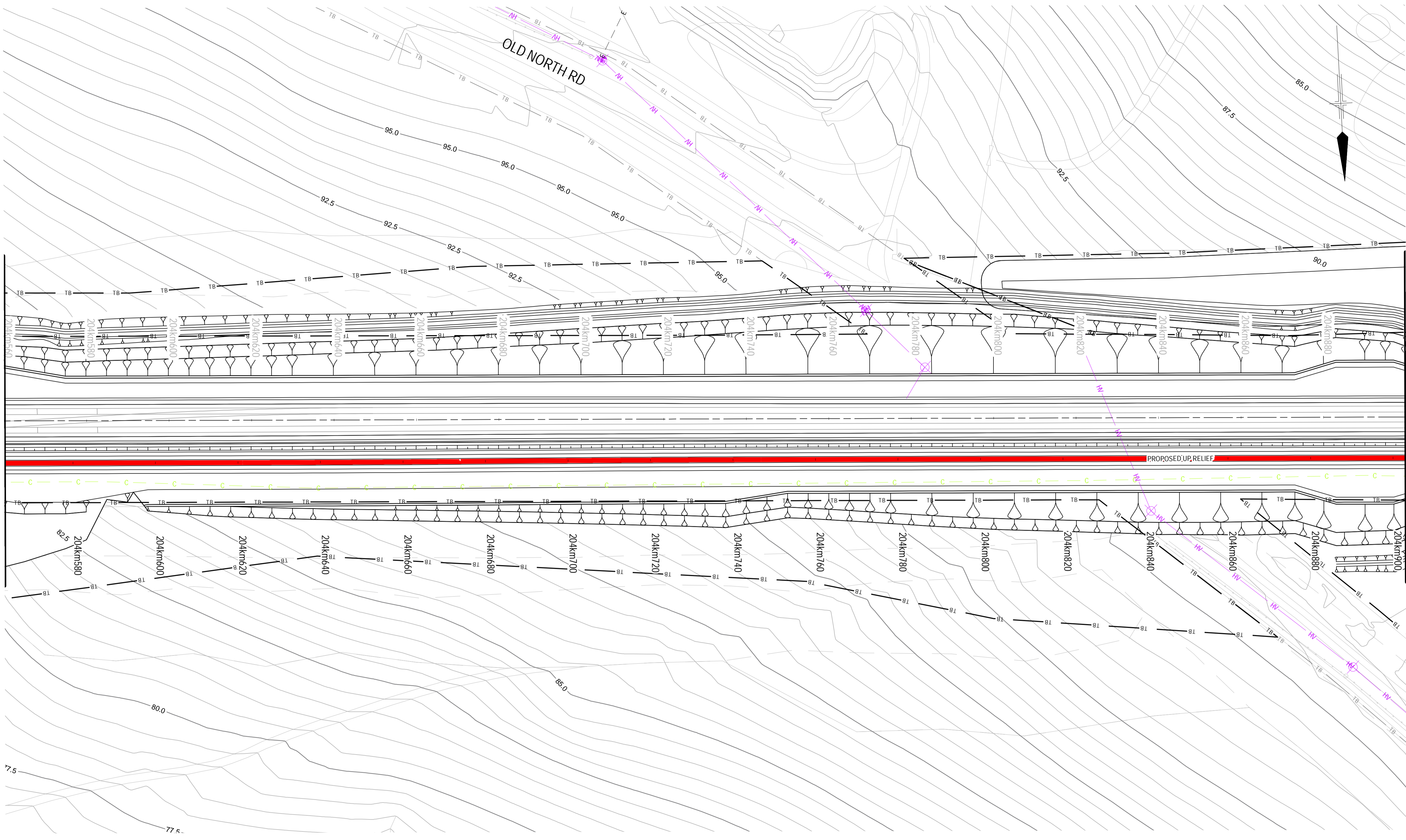
A

B

C

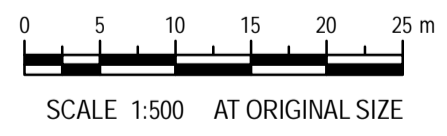
D

E



FROM SYDNEY  
JOINS DRAWING No. H8R-DWG-S2G-GEN-1031

JOINS DRAWING No. H8R-DWG-S2G-GEN-1033  
TO SINGLETON



**UNCONTROLLED DOCUMENT**

**PRELIMINARY**

© 2009 Australian Rail Track Corporation Ltd.  
Drawing standard in accordance with Hunter 8 Alliance standards

ARTC APPROVAL Approved By																				
	Signed:																			
Approval Date	B	16.02.10	ISSUED FOR COMMENT																	
	A	10.02.10	ISSUED FOR COMMENT																	
Rev	Date	Revision Description		Drawn	Checked	Approv.	Date													

Designing Company: GHD GHD Job Number: 22-14471	Address: Level 3 GHD Tower, 24 Honeysuckle Drive Newcastle NSW 2300 Australia T 61 2 4979 9999 F 61 2 4979 9988 E ntm@mail@ghd.com W www.ghd.com
Drawn T.MORTON	Designed R.STEPHENS Design Check
Approved	
This Drawing must not be used for Construction unless signed as Approved	

H8R DWG NUMBER **9B**

**H8R-DWG-S2G-GEN-1032**

MAITLAND TO MINIMBAH - THIRD TRACK  
**DETAIL PLAN**  
CH204km560 TO CH204km900

Sheet No.  
**32 OF 89**

Scale (A1):  
1:500

PLOT DATE: 18/02/2010 10:58AM  
GHD FILEPATH: \\NTS\01\GHD\_D\2214471\GIS\Map\Drawings\Cad Templates\General Arrangements\H8R-DWG-S2G-GEN-1001-1089\_A1\_Mapbook\_20100211\_A.mxd

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

A

B

C

D

E

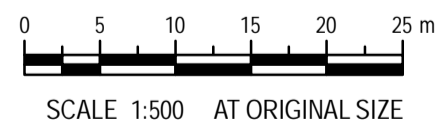
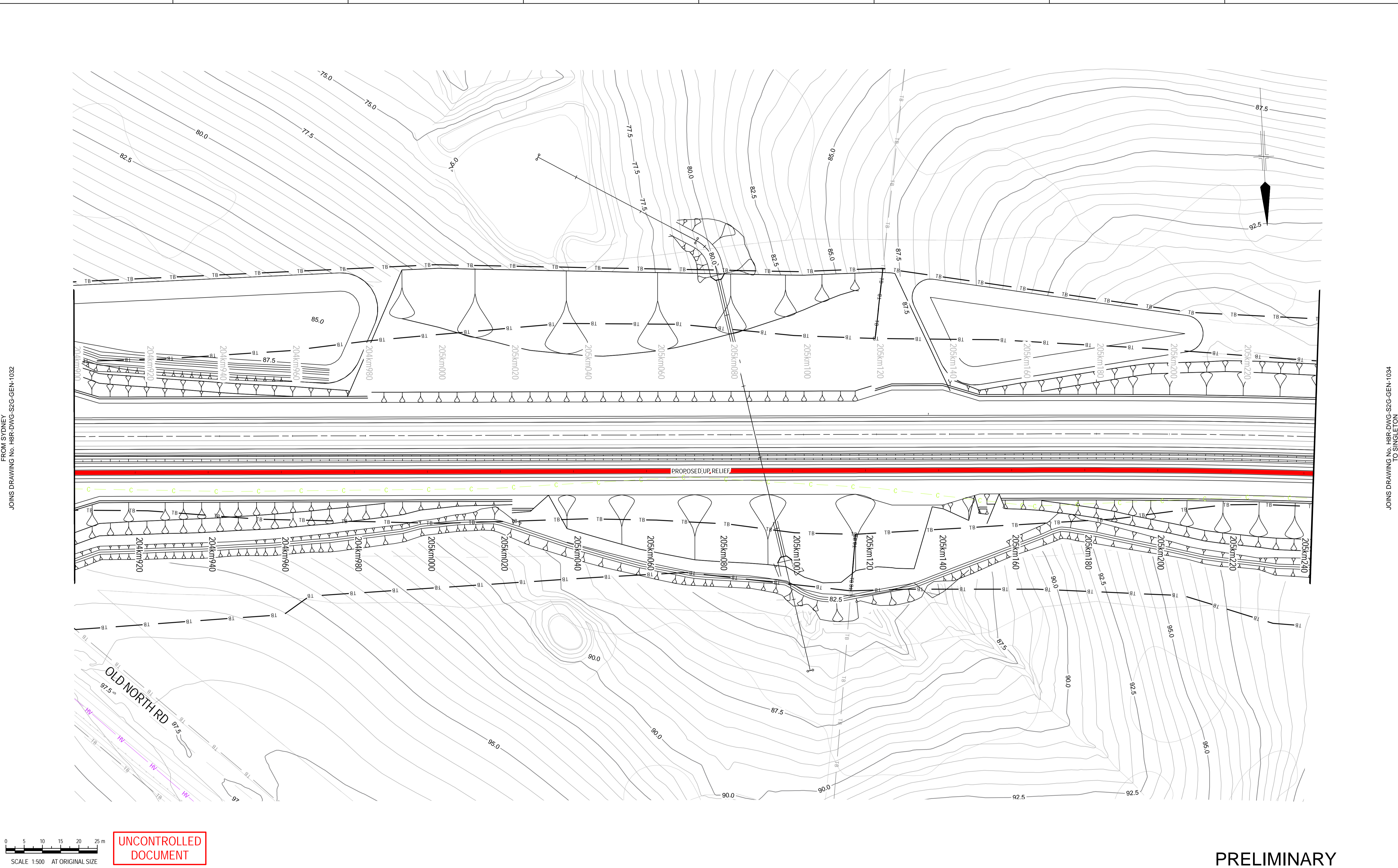
A

B

C

D

E



**UNCONTROLLED DOCUMENT**

**PRELIMINARY**

© 2009 Australian Rail Track Corporation Ltd.  
 Drawing standard in accordance with Hunter 8 Alliance standards  
 Used on / Next higher assembly:  
 Alternate DMS number:

ARTC APPROVAL					
Approved By					
Signed:					
Approval Date	Rev	Date	Revision Description	Drawn	Checked
	B	16.02.10	ISSUED FOR COMMENT	G.M.	
	A	10.02.10	ISSUED FOR COMMENT	T.M.	

Designing Company:  
 GHD  
 GHD Job Number:  
 22-14471  
 Drawn:  
 T.MORTON  
 Drafting Check:  
 Approved:  
 Date:

Address:  
 Level 3 GHD Tower, 24 Honeysuckle Drive  
 Newcastle NSW 2300 Australia  
 T 61 2 4979 9999 F 61 2 4979 9988  
 E ntm@mail@ghd.com W www.ghd.com  
 Designed:  
 R.STEPHENS  
 Design Check:  
 Conditions of Use:  
 This document may only be used by GHD's client (and any other person who GHD had 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.

H8R DWG NUMBER **9 B**

**H8R-DWG-S2G-GEN-1033**

**Hunter 8 ALLIANCE**

MAITLAND TO MINIMBAH - THIRD TRACK  
 DETAIL PLAN  
 CH204km900 TO CH205km240

Sheet No.  
**33 OF 89**  
 Scale (A1):  
 1:500

1 2 3 4 5 6 7 8

PLOT DATE: 18/02/2010 10:58AM  
 GHD FILEPATH: \\NTSRV01\GHD\_Data\2214471\GIS\Maps\Deliverables\Cad Templates\General Arrangements\H8R-DWG-S2G-GEN-1033\_A1\_Mapbook\_20100211\_A.mxd

JOINS DRAWING No. H8R-DWG-S2G-GEN-1034 TO SINGLETON