

ROAD DESIGN PRESENTATION STANDARDS

DP008 FINAL SURFACE CONTOURS

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DEPARTMENT OF
PLANNING, TRANSPORT
AND INFRASTRUCTURE



Government of South Australia
Department of Planning,
Transport and Infrastructure

Document Amendment Record

Rev	Change Description	Date	Author	Checked	Authorised
1	Initial Issue	29 July 2009			Noel O'Callaghan
2	General review of text and example drawings	23 December 2011	Natasha Stone Alison Freer	Jeremy Champion	Noel O'Callaghan

Document Management

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To be read in conjunction with CAD Manual & Presentation Guidelines DP001
(Master Specification PC-EDM7)

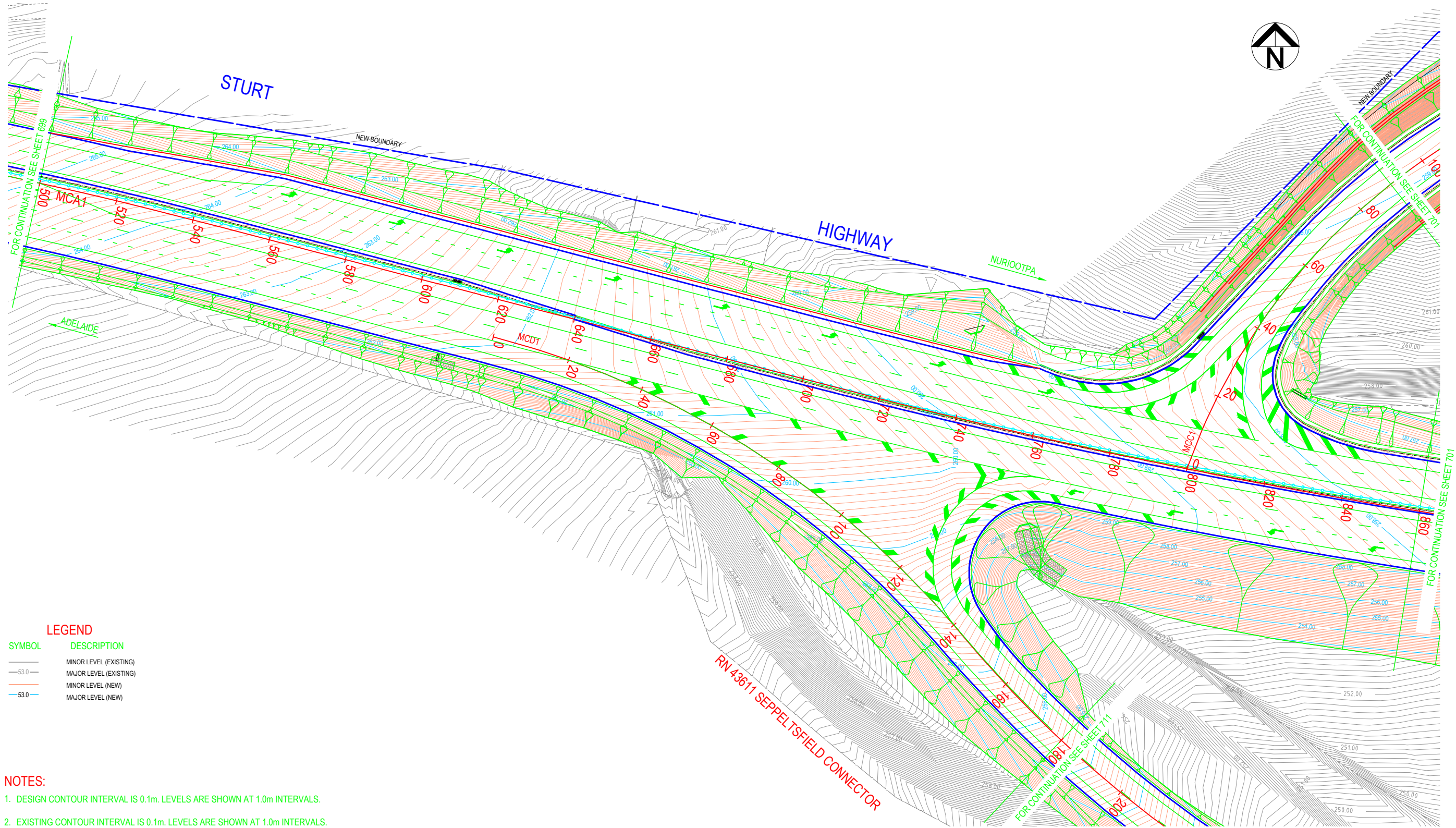
DP008 FINAL SURFACE CONTOURS

1 Purpose

- 1.1 The 'Final Surface Contours' drawing is used to show the intended finished surface levels for the extent of the project.
- 1.2 The preferred minor contour interval is 50mm (this can vary to suit the vertical range of the project); however the interval shall be the same for the entire project.
- 1.3 For examples of this standard see attached drawings.
- 1.4 The details listed below can be arranged on the General Construction drawing provided they do not cause the drawing to become congested.

2 Content

- 2.1 Layers to be shown as per the DPTI Layer Matrix (DP 001, Appendix A)
- 2.2 Contour lines indicating the shape of the finished surface.
- 2.3 This shall comprise:
 - a) Design contours within the extents of the design
(Layers = "D-CONT-1-Major Design Contour" and "D-CONT-D-Minor Design Contour")
 - b) Existing Contours outside the extents of the design
(Layers = "S-CONT-0-Major survey Contour" and "S-CONT-E-Minor Survey Contour")
- 2.4 The following CAD entities are required:
 - a) All information in DP 001 – General Requirements.
- 2.5 Survey on the Final Surface Contours drawing shall be trimmed. (Survey detail should only be shown outside the extents of the design)



LEGEND

SYMBOL	DESCRIPTION
	MINOR LEVEL (EXISTING)
	MAJOR LEVEL (EXISTING)
	MINOR LEVEL (NEW)
	MAJOR LEVEL (NEW)

- NOTES:**
- DESIGN CONTOUR INTERVAL IS 0.1m. LEVELS ARE SHOWN AT 1.0m INTERVALS.
 - EXISTING CONTOUR INTERVAL IS 0.1m. LEVELS ARE SHOWN AT 1.0m INTERVALS.

THIS SHEET PART SUPERSEDES DRG. 3-65033, SHTS. 17 & 18

No.	AMENDMENT DESCRIPTION	BY	CHECK	ACCEPTANCE	DATE
1	GENERAL REVIEW OF DRAWING	AEF	NKS	J.LANE	23.12.11

REFERENCE MAP:

100 MILLIMETRES ON ORIGINAL DRAWING

ALL DIMENSIONS ARE IN METRES UNLESS SHOWN OTHERWISE

Government of South Australia
Department of Planning, Transport and Infrastructure

PROJECT No.: 14669	FILE No.: 07/04422
DESIGN No.: 20070652	SURVEY No.: 20070774
PROJECT START ROAD RUNNING DISTANCE: MCA1; CH 0000 = 54.89 km	
PROJECT END ROAD RUNNING DISTANCE: MCA1; CH 4560 = 59.45 km	
SCALES: 10 0 5 10 15 20	

ROAD No. 7200 STURT HIGHWAY
SEPPELTSFIELD ROAD - GREENOCK ROAD
MCA1; CH 500 - CH 864
FINAL SURFACE CONTOURS

DESIGNED: ANC	DRAFTED: AEF	ACCEPTED FOR USE: A.SMITH	ACCEPTANCE FORM KNET No.: 12345678	DRAWING No.: 5933	SHEET No.: 700	AMEND No.: 1
CHECKED: DSNE	CHECKED: NKS	TITLE: MANAGER	DATE: 30/02/2010	UNCONTROLLED COPY WHEN PRINTED		

CAD FILE NAME: DP008 EXAMPLE.TDWG

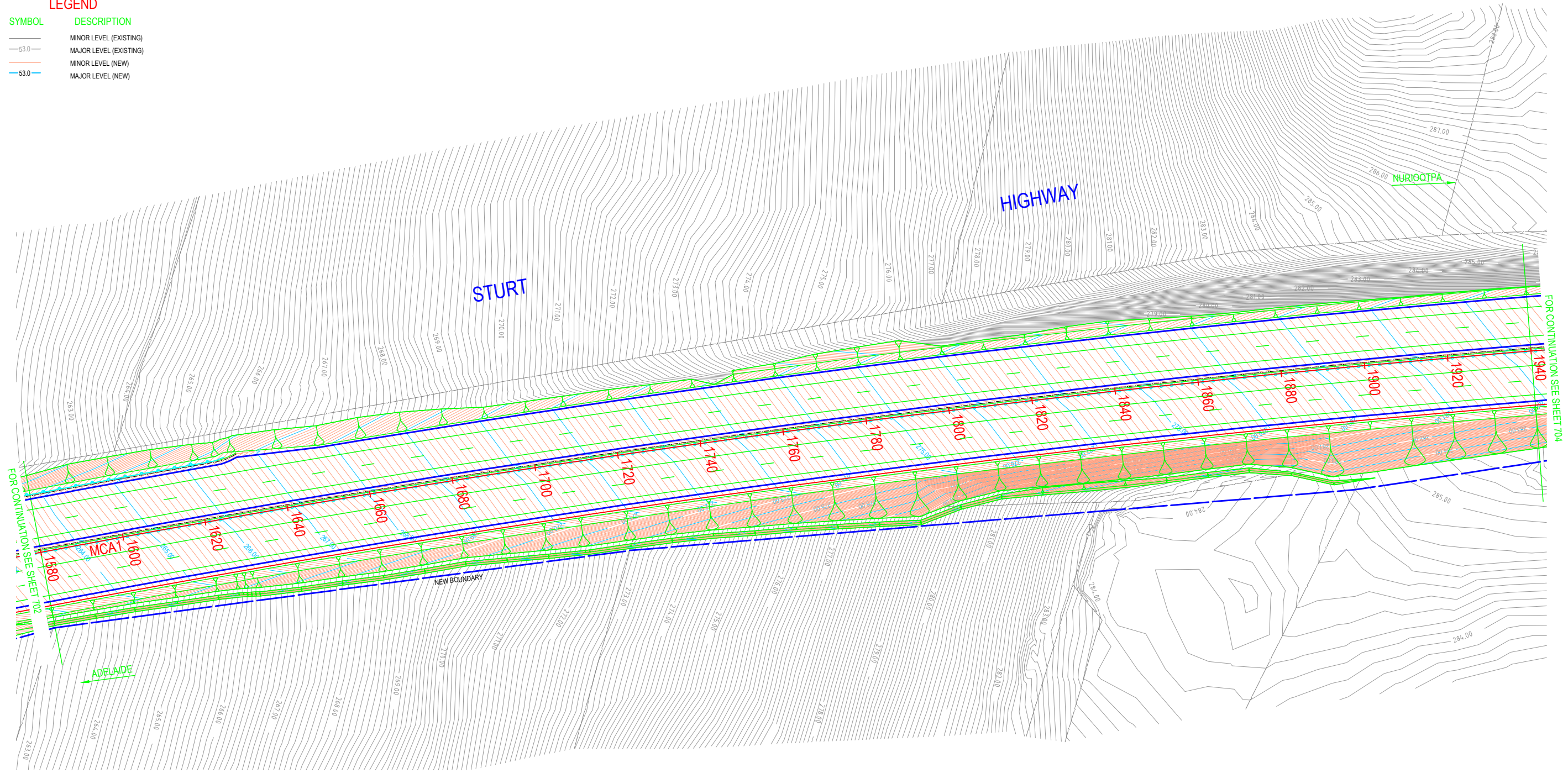
NOTES:

- 1. DESIGN CONTOUR INTERVAL IS 0.1m. LEVELS ARE SHOWN AT 1.0m INTERVALS.
- 2. EXISTING CONTOUR INTERVAL IS 0.1m. LEVELS ARE SHOWN AT 1.0m INTERVALS.



LEGEND

SYMBOL	DESCRIPTION
	MINOR LEVEL (EXISTING)
	MAJOR LEVEL (EXISTING)
	MINOR LEVEL (NEW)
	MAJOR LEVEL (NEW)



No.	AMENDMENT DESCRIPTION	BY	CHECK	ACCEPTANCE	DATE
1	GENERAL REVIEW OF DRAWING	AEF	NKS	J.LANE	23.12.11

REFERENCE MAP:

100 MILLIMETRES ON ORIGINAL DRAWING

ALL DIMENSIONS ARE IN METRES UNLESS SHOWN OTHERWISE

Government of South Australia
Department of Planning, Transport and Infrastructure

PROJECT No.: 14669	FILE No.: 07/04422
DESIGN No.: 20070652	SURVEY No.: 20070774
PROJECT START ROAD RUNNING DISTANCE: MCA1; CH 0000 = 54.89 km	
PROJECT END ROAD RUNNING DISTANCE: MCA1; CH 4560 = 59.45 km	

SCALES:
10 0 5 10 15 20

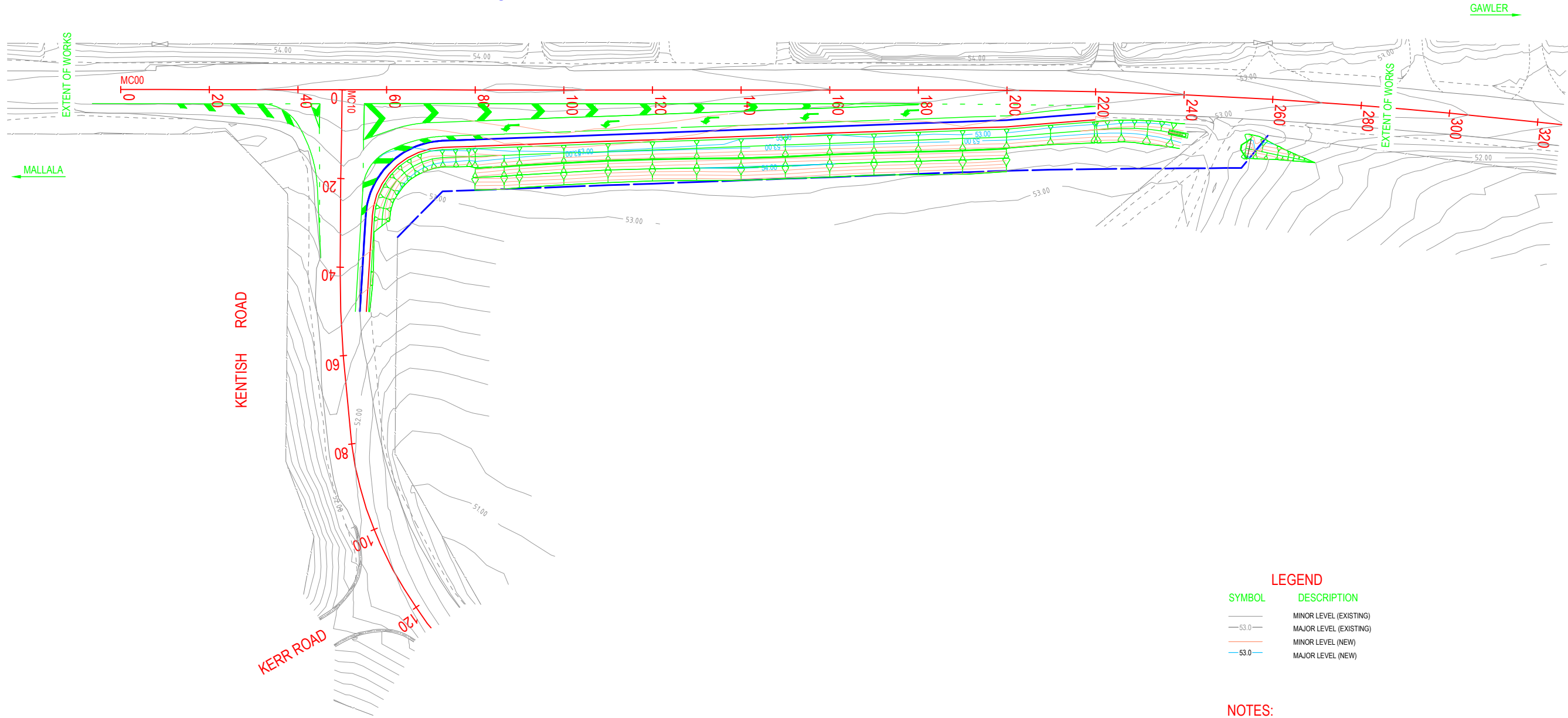
ROAD No. 7200 STURT HIGHWAY
SEPPELTSFIELD ROAD - GREENOCK ROAD
MCA1; CH 1580 - CH 1944
FINAL SURFACE CONTOURS

DESIGNED: ANC	DRAFTED: AEF	ACCEPTED FOR USE: A.SMITH	ACCEPTANCE FORM KNET No.: 12345678	DRAWING No.: 5933	SHEET No.: 703	AMEND No.: 1
CHECKED: DSNE	CHECKED: NKS	TITLE: MANAGER	DATE: 30/02/2010	UNCONTROLLED COPY WHEN PRINTED		

CAD FILE NAME: DP008 EXAMPLE 2.DWG



MALLALA - GAWLER ROAD



LEGEND

SYMBOL	DESCRIPTION
	MINOR LEVEL (EXISTING)
	MAJOR LEVEL (EXISTING)
	MINOR LEVEL (NEW)
	MAJOR LEVEL (NEW)


NOTES:

- DESIGN CONTOUR INTERVAL IS 0.2m. LEVELS ARE SHOWN AT 1.0m INTERVALS.
- EXISTING CONTOUR INTERVAL IS 0.2m. LEVELS ARE SHOWN AT 1.0m INTERVALS.

No.	AMENDMENT DESCRIPTION	BY	CHECK	ACCEPTANCE	DATE


100 MILLIMETRES ON ORIGINAL DRAWING

ALL DIMENSIONS ARE IN METRES UNLESS SHOWN OTHERWISE



Government of South Australia
Department of Planning, Transport and Infrastructure

PROJECT No.: 16185	FILE No.: 08/09075
DESIGN No.: 20100253	SURVEY No.: 2090273
PROJECT START ROAD RUNNING DISTANCE: MC00; CH 000 = 26.76 km	
PROJECT END ROAD RUNNING DISTANCE: MC00; CH 280 = 27.04 km	

SCALES:


ROAD No. 4381 / NCRN
MALLALA - GAWLER ROAD
INTERSECTION KENTISH ROAD; GAWLER EAST
MC00: CH 000 - CH 280
FINAL SURFACE CONTOURS

DESIGNED: NKS	DRAFTED: NKS	ACCEPTED FOR USE: A. SMITH	ACCEPTANCE FORM KNET No.: 12345678	DRAWING No.: 6700	SHEET No.: 6	AMEND No.: 0
CHECKED: ABC	CHECKED: BAC	TITLE: MANAGER DATE: 30/2/2011	IN ACCORDANCE WITH DP013	UNCONTROLLED COPY WHEN PRINTED		

CAD FILE NAME: DP008 EXAMPLE 3.DWG