

STANDARD SYMBOLS

<u>SURVEY LINES</u>		LINEWEIGHT 0.25mm
<u>LAND BOUNDARIES</u>		CIRCLE DIA 2mm LINEWEIGHT 0.25mm
<u>NEW WATERMAINS (BLUE)</u>		LINEWEIGHT 0.50mm
<u>EXISTING WATERMAINS</u>		LINEWEIGHT 0.35mm
<u>HYDRANTS</u>		DIA 2mm PIPE DIAMETER AT PERIODIC INTERVALS ALONG THE LINE
<u>VALVES & METERS</u>		
<u>NEW SEWER (RED)</u>		LINEWEIGHT 0.50mm
<u>EXISTING GRAVITY</u>		LINE LENGTH 20mm
<u>EX. SWALLOWS OR PRESSURE</u>		LINE GAP 10mm
<u>EX. RISING OR PUMPING</u>		LINEWEIGHT 0.35/0.5mm
<u>EX. MANHOLE</u>		DIA'S 2&3mm
<u>NEW STORMWATER (GREEN)</u>		LINEWEIGHT 0.50mm
<u>EXISTING MAIN</u>		LINEWEIGHT 0.35/0.5mm
<u>EX. MANHOLE</u>		DIA'S 2&3mm
<u>OPEN DRAINS</u>		LINEWEIGHT 0.25mm
<u>CABLES</u>		
<u>TELEPHONE</u>		LINEWEIGHT 0.35/0.5mm DIA 2mm
<u>ELECTRICITY</u>		LINEWEIGHT 0.25mm DIA 2mm
<u>KERB & CHANNEL</u>		LINEWEIGHT 0.5mm
<u>SUMPS</u>		
<u>RETAINING WALLS</u>		LINEWEIGHT 0.25mm
	ANNOTATED e.g CRIBWALL	

TYPICAL SIGNATURE BLOCK

NELSON CITY COUNCIL	NCC PLAN No.
.....	SHEET OF
.....	RESOURCE CONSENT No.
SENIOR EXECUTIVE INFRASTRUCTURE	DATE

SITE CONTOURS 1:1000 1:500 1:250 1:200

STREETS KERB & CHANNEL AND

FOOTPATHS

PLAN 1:500 1:250 1:200

LONGITUDINAL SECTION :

HORIZONTAL 1:500 1:250 1:200

VERTICAL 1:50 1:25 1:20

CROSS SECTIONS

HORIZONTAL 1:50

VERTICAL 1:100 1:50 1:20

ANY VARIATION FROM THESE SCALES AS SHOWN SHALL HAVE THE PRIOR APPROVAL OF THE COUNCIL

SHEET SIZES: A1 594mm x 841mm

A2 420mm x 594mm

SOIL & STORMWATER SEWERS

PLAN 1:500 1:250 1:200

LONGITUDINAL SECTION :

HORIZONTAL 1:500 1:250 1:200

VERTICAL 1:50 1:100

DETAILS 1:20 1:10 1:5

SERVICES GENERAL

PLAN 1:500 1:250 1:200

CROSS SECTIONS 1:50

MAIN SHEETS REQUIRED:

1. ROADING
2. SEWERS-STORMWATER-KERBS
3. WATER-TELEPHONE-POWER-KERBS

ALL INKS AND LETTERING USED SHOULD BE SUITABLE FOR SCANNING REPRODUCTION.

NELSON
CITY
COUNCIL

DRAWING SYMBOLS & SCALES

INFRASTRUCTURAL ASSETS

APPROVED

29/07/2010

.....
SENIOR EXECUTIVE INFRASTRUCTURE

.....
DATE

SD 201

LONGITUDINAL SECTION

ROADS

H.A.D (N.C.C.)	
OTHER LEVELS (E.G. EXISTING SERVICES)	
TOP OF KERB LEVEL R.H. SIDE	
TOP OF KERB LEVEL L.H. SIDE	
GROUND LEVEL PEG LEVEL	
HORIZONTAL DISTANCE	
GRADIENT R.H SIDE (% OR 1 IN ...)	← V.C. →
GRADIENT L.H SIDE	
HORIZONTAL CURVE	← H.C. → ← %S.E. →

NOTE

1. ALL LEVELS IN TERMS OF HEIGHT ABOVE NCC DATUM IN METRES
2. ALL DISTANCES IN METRES.
3. GROUND OR PEG LEVELS SHOWN ON SECTIONS ARE TO BE THOSE ON THE LINE OF THE SEWER
4. PIPELINES DESIGNED TO OPERATE UNDER PRESSURE SHALL INCLUDE THE HYDRAULIC GRADE LINE, ITS LEVELS AND GRADIENTS.
5. BLOCKS MAYBE EXTENDED TO ALLOW "AS BUILT" DATA TO BE ADDED.
e.g: AS BUILT SEWER INVERT
AS BUILT DISTANCE
AS BUILT GRADIENT
6. LOWEST LEVEL ON LONGITUDINAL SECTION ON LHS

SEWER & STORMWATER

H.A.D (N.C.C.)	
OTHER LEVELS (E.G. SERVICES CROSSING THE LINE)	
HYDRAULIC GRADE LEVEL (IF APPLICABLE)	
GROUND LEVEL PEG LEVEL	
CUT (GROUND LEVEL TO INVERT.)	
SEWER INVERT	
SEWER DISTANCE (TRUE HORIZONTAL DISTANCE ALONG SEWER)	
GRADIENT (% OR 1 IN ...)	
DIAMETER (MILLIMETERS INTERNAL) & PIPE TYPE/MATERIAL	

COLOUR CODE

COLOUR CODE PRIMARILY FOR USE ON WHITE PAPER. ALL INKS USED SHOULD BE SUITABLE FOR DYELINE PHOTOCOPYING AND REPRODUCTION.

SYMBOL IS FOR WHEN COLOURS ARE TO BE REPRODUCED IN BLACK

COLOUR CODE FOR EARTHWORKS IN SECTION

FILLING	GREEN	SYMBOL =	
CUTTING	RED	SYMBOL =	
REPLACEMENT GRAVEL	BROWN	SYMBOL =	
BASECOURSE	BLUE	SYMBOL =	
EARTH (TOPSOIL)		SYMBOL =	

NELSON
CITY
COUNCIL

DRAWING STANDARDS & SYMBOLS

INFRASTRUCTURAL ASSETS

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SD 202