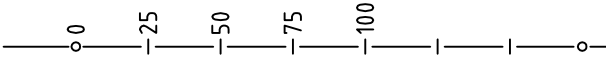
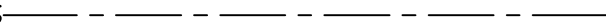
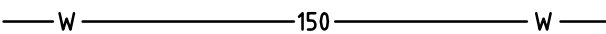

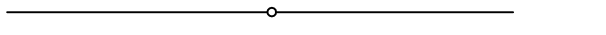
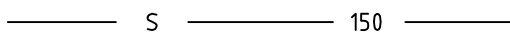
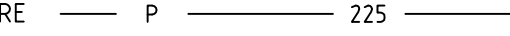


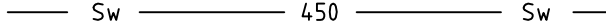
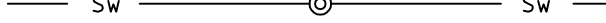

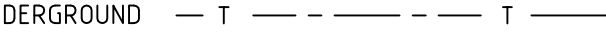
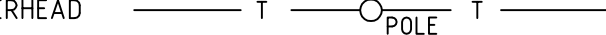
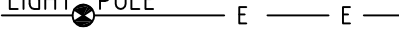
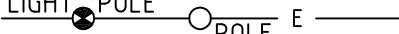
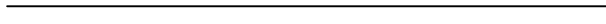

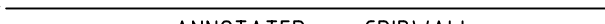




STANDARD SYMBOLS

<u>SURVEY LINES</u>		LINEWEIGHT 0.25mm
<u>LAND BOUNDARIES</u>		CIRCLE DIA 2mm LINEWEIGHT 0.25mm
<u>WATERMAINS</u>		LINEWEIGHT 0.35mm
HYDRANTS		PIPE DIAMETER AT PERIODIC INTERVALS ALONG THE LINE
VALVES		LINEWEIGHT 0.25mm
<u>SOIL SEWERS</u>		
GRAVITY		LINE LENGTH 20mm
SWALLOWS OR PRESSURE		LINE GAP 10mm
RISING OR PUMPING		LINEWEIGHT 0.35/0.5mm
MANHOLE		DIA'S 2&3mm
<u>STORMWATER SEWER</u>		
MAIN		LINEWEIGHT 0.35/0.5mm
MANHOLE		DIA'S 2&3mm
OPEN DRAINS		LINEWEIGHT 0.25mm
<u>CABLES</u>		
TELEPHONE UNDERGROUND		LINEWEIGHT 0.35/0.5mm
OVERHEAD		DIA 2mm
ELECTRICITY UNDERGROUND		LINEWEIGHT 0.25mm
OVERHEAD		DIA 2mm
<u>KERB & CHANNEL</u>		LINEWEIGHT 0.5mm
<u>SUMPS</u> YARD		
STANDARD		
SIDE ENTRY		
<u>RETAINING WALLS</u>		LINEWEIGHT 0.25mm

ANNOTATED e.g CRIBWALL

TYPICAL SIGNATURE BLOCK

ASSET MANAGEMENT DIVISION	NCC PLAN No.
MANAGER INFRASTRUCTURAL ASSETS	DATE
SHEET	OF

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

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

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

MAIN SHEETS REQUIRED:

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

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

NELSON
CITY
COUNCIL

DRAUGHTING SYMBOLS & SCALES

ASSET MANAGEMENT DIVISION

APPROVED



MANAGER INFRASTRUCTURAL ASSETS

Jan. 2003

DATE

PLAN No.

21/100

SHEET 1

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. →

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

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.)	

COLOUR CODE

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

NELSON
CITY
COUNCIL

DRAUGHTING STANDARDS & SYMBOLS

ASSET MANAGEMENT DIVISION

APPROVED  Jan. 2003

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MANAGER INFRASTRUCTURAL ASSETS DATE

PLAN No.
21/100
SHEET 2