

INDEX TO THE NZ MODEL RAILWAY JOURNAL, FEBRUARY 1986 TO NOW

SEARCHING: You can search this index in Adobe Reader by clicking Ctrl+Shift+F or clicking the arrow beside the **Find** button. Click **Open Full Reader Search** and type a word or phrase to search for into the box headed: **What word or phrase would you like to search for?** then click **Search**.

You can search for any part word, word or phrase.

Hint: Take care with spelling and if in doubt use part words, ie, search for "kero" rather than "kerosine", which can be spelt two ways.

Hint: Most topics begin with a category heading, such as Locomotivory, Tools, etc, and it may often be useful to search by one of these categories.

Your search will return a list of all the matches to the text you typed. You can click on any of these to see the full entry and what else is in the same *Journal*. (Note: The matches listed usually include text from the beginning of the next item. The end of the searched item is marked by two hash ## signs.

Errors and other problems: Please report typos or other errors, or any problems using the index to Peter Ross, peterr@inet.net.nz

KEY TO CATEGORIES:

Added detail:	Self-explanatory.
Bits & bytes:	Use of digital (ie, computer) technology, including DCC and onboard sound.
Bridges:	Bridges, culverts, viaducts, etc. road or rail.
Car & wagon:	Carriages, wagons and other rail-mounted equipment, eg, mobile cranes.
Electrics:	Wiring layouts, making, applying or controlling electronic accessories. For DCC see Bits & Bytes.
Hints and tips:	Self-explanatory.
Interview:	Self-explanatory.
Locomotivory:	Pertaining to the modelling of locomotives.
Operation:	Articles on running a model railway or on how the real railway is run.
Perspective:	Proposals and personal opinion.
Photo:	Self-explanatory.
Plan and photos:	Prototype info suitable for basing a model on.
Plan, text and photos:	Comprehensive prototype info suitable for basing a model on.
Prototype:	Information about the real railway including how it is or was operated.
Rail history:	Prototype information predominantly of interest as historical background.
Report:	A (usually personal) account of a recent event of interest to modellers.
Review:	Self-explanatory.
Road vehicles:	Includes diecast models as well as scratch or kitbuilt models.
Scenicking:	All forms of scenery including backscenes, water, roads, landform and land cover, rock faces, grass, scrub, flax and low ferns but not trees.
Signalling:	Understanding and modelling signals and signalling practice.
Structures:	Building, gates fences, etc, excluding bridges.
Techniques:	Ways of using materials and tools to make a model.
Tools:	Aids to model building – includes implements and processes, marking and measuring equipment, charts, cameras, computers and computing, means of attaching parts to each other, eg, glues, solder, nuts and bolts, etc.

Trams:	Bush and urban and associated material.
Trackwork:	Track, pointwork, turntables, etc, on which trains run.
Trees:	Trees including tree ferns and cabbage trees.
Wagon loads:	Self-explanatory.
Weathering:	Self explanatory
xx Diorama:	Where xx is a scale ratio, eg, 1:64, indicates an article about a diorama (small scene) to that scale
xx Layout:	Where xx is a scale ratio, eg, 1:64, indicates an article about a layout to that scale.
Comment:	Otherwise known as editorial.

John Gardener	Photo: 1:64-scale J1208	Cover	233/Feb 86##
Graeme Butler	Perspective: The case for HOn3.5 (NZR in 1:87)	p6	233/Feb 86##
Graeme Butler	Tools: Scale - gauge diagram	p7	233/Feb 86##
Paul Berntsen	Locomotivery: Split axle power collection	p9	233/Feb 86##
Graham Dredge	Techniques: Build a bike in 1:64	p10	233/Feb 86##
Don Allan	The Real Thing: Kawakawa	p11	233/Feb 86##
	Plan: Standard coal store	p12	233/Feb 86##
Kerry Willard	1:64 Layout: <i>Kotanga</i> railway	p14	233/Feb 86##
	Post box	p16	233/Feb 86##
Jack Mahoney	Photo: Birdcage car on 1939 express at Dunedin	p17	233/Feb 86##
Don Allan	Report: 3/16 NZR railfans	p18	233/Feb 86##
John Agnew	Our Heritage: Main Trunk construction	p21	233/Feb 86##
E Johnston	Photo: Display of built-up NZR locomotive kits	Cover	234/Apr 86##
	Photos: Convention winners	p6	234/Apr 86##
Erni Bond	Locomotivery: Rebuilding of Df1502	p7	234/Apr 86##
Hugh Bennett	Photos: Builder's Corner – the HBR Railway	p9	234/Apr 86##
Gavin Sowry	Trackwork: Hand laid track	p10	234/Apr 86##
	Plans: Model A panel van, station wagon	p11	234/Apr 86##
Ken Clough	Plan: The Thames Branch	p12	234/Apr 86##
	Lineside: Northland, Newmarket, Dsc	p13	234/Apr 86##
	Plan: PWD 8339 brick water tower	p15	234/Apr 86##
John Agnew	Photo: Otira layout centrefold (1:64)	p17	234/Apr 86##
Les Street	Added detail: Building and construction details	p18	234/Apr 86##
	Plan: Coal store crane	p18	234/Apr 86##
Les Downey	Club Chat	p22	234/Apr 86##
Graeme Butler	Tools: Scale conversion	p22	234/Apr 86##
	Profile: Meet Graeme Butler	p22	234/Apr 86##
	Trade topics, Reviews, Trainline, Postbox	p23	234/Apr 86##
John Agnew	Our Heritage: Wharves, Castlecliff, Greymouth, Wellington	p26	234/Apr 86##
	Techniques: Make neater corridor connections	p28	234/Apr 86##
Peter Hodge	Photo: Horse-drawn colliery line diorama in 1:34	Cover	235/Jun 86##
Graeme Butler	Tools: Scale conversion correction	p5	235/Jun 86##

Peter Ross	Techniques: Model signs and posters	p6	235/Jun 86##
Spencer Lawry	Road vehicles: Model to model Model A (1:64)	p8	235/Jun 86##
	Plans: Model A stake trucks	p9	235/Jun 86##
	Plan: PWD8339 two-level tank stand (for washouts)	p10	235/Jun 86##
	Postbox	p12	235/Jun 86##
	Report: Convention, competition results and photos	p14	235/Jun 86##
	Report: 1986 Guild AGM	p22	235/Jun 86##
	Trade Page: Uc-8 tank wagon kit	p30	235/Jun 86##
Trevor McMurdo/Doug Harrison	Car & wagon: Builder's Corner – vintage passenger train, kitbashed Dj (1:64)	p31	235/Jun 86##
	Observations: Elmer Lane scenes	p32	235/Jun 86##
Graham Dredge	Club Chat: Waikato area	p33	235/Jun 86##
John Agnew	Our Heritage: Marton, Palm Nth, Morrinsville, Ngaruawahia stations	p34	235/Jun 86##
John Agnew	Our Heritage: Auckland c1910	p36	235/Jun 86##
WW Stewart	Photo: J1211 on Opuia – Auckland Express	Cover	236/Aug 86##
Jack Boyes	Locomotivery: Variations on a 1:64 K	p6	236/Aug 86##
Raoul Quinn	Techniques: How to take photos	p8	236/Aug 86##
	Plans: Model A two door	p10	236/Aug 86##
	Postbox	p11	236/Aug 86##
	Photos: 1986 convention	p13	236/Aug 86##
	Trade Page: Railmaster EMD Df kit, constant lighting kit	p22	236/Aug 86##
John Gardener	Locomotivery: Builder's Corner – 9 Mil (1:34) Ja	p23	236/Aug 86##
	Observations: Elmer Lane scenes	p24	236/Aug 86##
	Postbox	p25	236/Aug 86##
	Club Chat: Waikato, Wairarapa	p25	236/Aug 86##
John Agnew	Our Heritage: Ranfurly, Waimea Plains, Lumsden	p26	236/Aug 86##
Eric Coutts	Club Chat: Otago area	p29	236/Aug 86##
Kevin Crosado	Photo: 1:64 Price E and Cb models	Cover	237/Oct 86##
George Gardner	Perspective: Indexing your magazine articles	p5	237/Oct 86##
Graeme Butler	Perspective: The case for HOn3.5 (NZR in 1:87)	p6	237/Oct 86##
Graham Dredge	Electrics: Constant lighting applications	p7	237/Oct 86##
Paul Berntsen	Locomotivery: Bush Locos in 3/16" scale (1:64)	p8	237/Oct 86##

Bob Mann	Plans, text and photos: Geared steam bush tram locos in NZ	p11	237/Oct 86##
Bob Stott	Plans, text and photos: An introduction to modelling bush tramways (1:64)	p19	237/Oct 86##
	Postbox	p24	237/Oct 86##
	Club Chat: Black Creek, 3/16 NZR railfans	p27	237/Oct 86##
John Agnew	Our Heritage: Barclays and Price C	p28	237/Oct 86##
Paul Berntsen	Photo: F247 crosses Whyte's Falls bridge (colour, 1:34)	Cover	238/Dec 86##
Karl Morris	Interview: Merv Smith, Piki Piki Tramway	p5	238/Dec 86##
Graeme Butler	Perspective: The case for Hon3.5 (NZR in 1:87)	p18	238/Dec 86##
Paul Berntsen	Photos: Bush Locos in 3/16" scale (1:64)	p19	238/Dec 86##
Karl Morris	Signalling: NZR colour light signals	p20	238/Dec 86##
Graham Radcliffe	Observations: Stations, Kawakawa, Rock & Pillar, Ngongotaha	p24	238/Dec 86##
Graham Radcliffe	Observations: Stations – Cass, Dromore, Kamo	p25	238/Dec 86##
	Plan: PWD7298 30ft x 20ft goods shed	p24	238/Dec 86##
John Agnew	The Real Thing: Rail preservation in NZ	p28	238/Dec 86##
	Plans: Model AA panel van and stake truck	p30	238/Dec 86##
	Plan: Footbridge over cutting	p31	238/Dec 86##
	Trade Reviews	p32	238/Dec 86##
	Postbox	p33	238/Dec 86##
Jim Staton	Postbox: Geared locos in NZ	p36	238/Dec 86##
John Agnew	Our Heritage: Pokaka	p38	238/Dec 86##
John Agnew	Our Heritage: Auckland, Ohura, New Plymouth	p42	238/Dec 86##
Butler	Photos: Colour, several NZR layouts	p45	238/Dec 86##
Raoul Quinn/John Agnew	Photos: Colour, Nth Shore MRC, Greymouth – Otira (1:64)	Back	238/Dec 86##
	Ink sketch of Ja1267 on South Island Limited	Cover	239/Feb 87##
Hugh Bennett	Photos and text: Ups and downs of the HBR	p6	239/Feb 87##
Peter Cameron	Techniques: Builder's Corner – resiting <i>East Coast</i> 1:32 layout	p9	239/Feb 87##
Trevor Cheer	Perspective: Suggested module dimensions	p10	239/Feb 87##
	Club Chat: Waikato, Pokaka, Nelson, 3/16 NZR railfans	p10	239/Feb 87##
Karl Morris	Signalling: CTC colour light signals	p13	239/Feb 87##
Karl Morris	Photos: CTC colour light signals at Morningside	p14	239/Feb 87##
Chris Bradley	Plan, text and photos: English Electric Df	p17	239/Feb 87##
	Postbox	p20	239/Feb 87##

	Reviews	p21	239/Feb 87##
John Agnew	The Real Thing: Glenbrook	p22	239/Feb 87##
John Agnew	Fifties Focus: Ka941 Marton, Ww560 Dargaville	p23	239/Feb 87##
John Agnew	Our Heritage: Q345 Lauder, ChCh gasworks, Wanganui Baldwins, Ua Caversham	p26	239/Feb 87##
Raoul Quinn	Photo: Street scene, North Shore portable 1:64 layout	Cover	240/Apr 87##
Graham Dredge	Car & wagon: Car gates, handrails etc.	p6	240/Apr 87##
Stewart Handley	Layout Ideas: Paparoa in 1:34	p8	240/Apr 87##
	Plan: NZR 12 foot timber gate	p9	240/Apr 87##
	Plans: Model AA funeral coach, ambulance	p10	240/Apr 87##
Bob Stott	Photo: Taputerangi Tramway celebrates 25 years	p11	240/Apr 87##
Jack Mahoney	Rail history: The Otira Express 1923	p12	240/Apr 87##
Jack Mahoney	Rail history: The Otira Gorge coaches	p18	240/Apr 87##
John Gardener/ Terry Bradley	Plan, text and photos: 88 seat twinset railcar	p20	240/Apr 87##
	Club Chat: Wairarapa	p23	240/Apr 87##
Noel Maginnity	Techniques: Wagon weighting	p25	240/Apr 87##
Noel Maginnity	Car & wagon: Wagon roofs	p25	240/Apr 87##
Graham Radcliffe	Prototype: Sawmill/NZR interchange	p25	240/Apr 87##
Jack McClare	The Real Thing: Ferrymead	p26	240/Apr 87##
Terry Bradley	Fifties Focus: Wab764, Old and new Eo's, Parnell Diesel Depot 1956	p28	240/Apr 87##
Terry Bradley	Perspective: A goods shed for Terry and an Ea for Russell	p30	240/Apr 87##
John Agnew	Our Heritage: Hutt Rd/Petone, Taumarunui Loco, Johnsonville Station	p32	240/Apr 87##
John Agnew	Our Heritage: J1212 Newmarket 1954, Newmarket Workshops 1922, Cross Creek two views	p36	240/Apr 87##
Nigel Ogle	Photo: 1:64-scale SS Hawera loading meat at Tawhiti Museum	Cover	241/Jun 87##
Nigel Ogle	1:64 Diorama: Tawhiti Museum, dockside magic in miniature	p5	241/Jun 87##
Chris Wood	Trees: Refresher course in aorestation (modelling trees)	p8	241/Jun 87##
Eric Smart	Trees: Model tree construction	p10	241/Jun 87##
Karl Morris	Signalling: NZR semaphore signals	p12	241/Jun 87##
Graeme Butler	Products: The Brazilian Connection – NZR look-alikes in HO scale (1:87) from Frateschi	p16	241/Jun 87##
	Lineside: Focus on Rimutaka	p19	241/Jun 87##
	Plans: Summit and Cross Creek yards	p19	241/Jun 87##
Keith Meynell	Car & wagon: It's a cover up – NZR tarpaulins	p23	241/Jun 87##
	Plans: Model AA trucks	p24	241/Jun 87##

	Guild News: Two Guild "team" photos 34 years apart	p26	241/Jun 87##
	Report: 6 th Narrow Gauge Convention, Denver Colorado	p27	241/Jun 87##
Terry Bradley	Fifties Focus: Jb1224 Wellington, Da1401, Ja and K912 Auckland Loco	p28	241/Jun 87##
John Agnew	Trainline: NZR colours	p30	241/Jun 87##
	Postbox	p30	241/Jun 87##
John Agnew	Our Heritage: Between Upper Hutt and Summit and at Summit	p32	241/Jun 87##
	Reviews	p34	241/Jun 87##
	Trade Reviews	p34	241/Jun 87##
John Agnew	Obituary: Jack Mahoney	p35	241/Jun 87##
	Club Chat: 3/16 NZR railfans, Wellington NZR modellers	p35	241/Jun 87##
John Agnew	Our Heritage: Invercargill, Timaru	p36	241/Jun 87##
Don Weston	Photo: Ub shunting on John Agnew's 1:64 Otira layout	Cover	242/Aug 87##
John Agnew	1:64 Layout: Otira in model form	p5	242/Aug 87##
Ian Robertson	Techniques: Build better (bus and tram) bodies	p8	242/Aug 87##
White's Aviation	Photos: Broadway Newmarket street scenes	p12	242/Aug 87##
John Agnew	Road vehicles: From toys to realistic vehicles	p13	242/Aug 87##
John Brouwer	Prototype: Subtle changes to the Djs	p14	242/Aug 87##
Brian Curtis	1:64 Layout: Dunsandel revived	p16	242/Aug 87##
Hugh Bennett	Locomotivory: Freelance Mallet (for HO track)	p17	242/Aug 87##
	Tools: Calculate scale speed	p17	242/Aug 87##
Paul Berntsen	Tools: Building locomotives from photoengravings	p18	242/Aug 87##
Terry Bradley	Plan, text and photos: The loco that started dieselisation: Ds diesels	p19	242/Aug 87##
Alistair Hardie-Neil	Car & wagon: Wagon doors that work	p23	242/Aug 87##
Terry Bradley	Fifties Focus: New English Electric Df, Dg, Di	p24	242/Aug 87##
Russell Postlewaight	Review: This Bobtail is a beauty – Railside Ww kit	p26	242/Aug 87##
John Agnew	Our Heritage: Greytown, Reefton, Q-hauled South Express 1904, Outram	p28	242/Aug 87##
	Trade Topics	p30	242/Aug 87##
	Postbox	p32	242/Aug 87##
	Reviews	p33	242/Aug 87##
	Club Chat: Von Strapp, Wairarapa, Christchurch, Wellington, Marklin, Hamilton, Otago	p34	242/Aug 87##
John Agnew	Our Heritage: WMR van and flat wagon	p36	242/Aug 87##
Jack McClare	Plan and Photo: Davidson P Class 0-6-0 Weka	p37	

Tony Cunneen	Photo: Scene on 1:120 CAMCO railway	Cover	243/Oct 87##
Anon	1:120 Layout: Narrow gauge city terminus	p6	243/Oct 87##
Trevor James	Photos: Inner city Auckland building details	p11	243/Oct 87##
Phil Rzoska	Techniques: The wagon factory – RTV wagon construction	p14	243/Oct 87##
George Gardner	Added detail: From model to masterpiece, detailing Vanguard's Bb loco	p16	243/Oct 87##
Noel Maginnity	Wagon loads: A load of coal	p18	243/Oct 87##
	Plan: PWD10667 60ft x 30ft goods shed	p19	243/Oct 87##
Noel Maginnity	Electrics: Integrated circuit regulators	p25	243/Oct 87##
Terry Bradley	Fifties Focus: Whoops – Tangiwai repairs, Auckland loco fire, dumping spool in river	p26	243/Oct 87##
Graham Radcliffe	Plan and Photo: NZR throwover points lever	p28	243/Oct 87##
	Review: Railmaster compensation device	p29	243/Oct 87##
John Agnew	Our Heritage: NZR lounge cars	p30	243/Oct 87##
	Trade Topics: Aster live steam loco, Unimat 3 lathe	p32	243/Oct 87##
	Postbox	p34	243/Oct 87##
	Book Corner	p35	243/Oct 87##
	Club Chat: Auckland, Black Creek, Christchurch, Waikato, Nelson, Wellington, Wairarapa	p36	243/Oct 87##
	Our Heritage: Port Chalmers line 1870s	p38	243/Oct 87##
Raoul Quinn	Photo: Suburban action on the North Shore MRC's 1:64 exhibition layout	Cover	244/Dec 87##
John Agnew	Prototype: Dj colour schemes	p5	244/Dec 87##
John Brouwer	Electrics: Layout wiring pointers	p5	244/Dec 87##
Karl Morris	Interview: An afternoon with Paul Berntsen	p6	244/Dec 87##
Spencer Lawry	Locomotivery: Nelson D's live again	p14	244/Dec 87##
Chris Wood	Plans, text and photos: Railway houses	p19	244/Dec 87##
David McNiven	Locomotivery: Chassis for HOn3.5 locos (NZR in 1:87)	p23	244/Dec 87##
Richard Heine	Signalling: Kaitoke signalling	p25	244/Dec 87##
Mac Maguinness	Operation: Running with a purpose	p26	244/Dec 87##
John Agnew	Our Heritage: Thorndon Station	p28	244/Dec 87##
	Postbox	p30	244/Dec 87##
John Agnew	Our Heritage: Buy NZ-Made Goods, Ab/Wab Te Kuiti, F at Charming Creek	p32	244/Dec 87##
Terry Bradley	Fifties Focus: De, Wab Auckland, Da, Ww Auckland, Ww556 Kaihu, Kaitangata D and train 1960	p36	244/Dec 87##
Raoul Quinn/Eric Coutts	Photos: Scene on North Shore MRC's exhibition layout, view of Eric Coutt's layout in Wanaka (1:64)	Back	244/Dec 87##
Evan James	Photo: Passenger train on Warren Stirling's garden railway	Cover	245/Dec 87##

Evan James	1:22.5 Layout: Warren Stirling's garden railway	p6	245/Feb 88##
Evan James	Perspective: Pros and cons of outdoor railways	p11	245/Feb 88##
Ken Schofield	Structures: Kibri station kit	p13	245/Feb 88##
Kevin Crosado	Journal Jewels: Mokihinui bins, M 2-4-4-T, 9 Mil motor trolley and trailer	p14	245/Feb 88##
Noel Maginnity	Tools: How fast is that train going?	p16	245/Feb 88##
Don Weston	Tools: Computer aided loco building – gear ratios	p17	245/Feb 88##
Russell Postlewaight	Car & wagon: Up Black Creek on the narrow gauge – 47½ft car-van from a Railmaster kit	p18	245/Feb 88##
Cedric Green	Plan: 47 ½ft car-van	p20	245/Feb 88##
Trevor Jones/Darryl Smith	Plan and Photo: Bedford SB bus	p23	245/Feb 88##
Paul Berntsen	Tools: Wire roller	p24	245/Feb 88##
Terry Bradley	Fifties Focus: Bbs, Df1502 around Auckland, Postbox	p26	245/Feb 88##
	Trade News	p28	245/Feb 88##
	Book Corner	p29	245/Feb 88##
	Club Chat: Brisbane, Wairarapa, Auckland, Wellington, Nelson, Christchurch	p30	245/Feb 88##
Old Timer	Our Heritage: Timber – traditional sawmilling, words and pictures	p24	245/Feb 88##
		p34	245/Feb 88##
Kevin Crosado	Photo: Ww exiting Chasm Creek tunnel on Jack Raffills' 9 Mil (1:34) layout	Cover	246/Apr 88##
Don Lawrence/Grant Mansell	Perspective: Insurance – are you covered?	p6	246/Apr 88##
Russell Postlewaight	Operation: Up Black Creek on the narrow gauge – Developing a loco roster	p8	246/Apr 88##
	Journal Jewels: John Agnew's Q346, Terry Bradley's Y542, Doug Wilkinson's F, Quentin Roper's R	p10	246/Apr 88##
Stewart McLeod	1:64 Layout: Blame it on my father-in-law	p12	246/Apr 88##
Howard S Brooking	Locomotivery: A Df in TTn3.5 (NZ120)	p14	246/Apr 88##
Mac Maguiness	Tools: The long arm (grabber)	p14	246/Apr 88##
Terry Bradley	Car & wagon: Dollar Model – container on Ub wagon	p15	246/Apr 88##
Paul Berntsen	Tools: Rivet press, etc	p18	246/Apr 88##
Trevor Jones/Darryl Smith	Plan and Photo: Bedford YRT bus	p18	246/Apr 88##
Cedric Green	Plan and photos: 44ft second class car	p19	246/Apr 88##
Bob Stott	Scenicking: Bring flatlands to life	p23	246/Apr 88##
Terry Bradley	Fifties Focus: Diesels easing steam out of major yards	p28	246/Apr 88##
	Club Chat: Auckland, Wellington	p30	246/Apr 88##
	Postbag	p30	246/Apr 88##
John Agnew	Our Heritage: Kaihu, Dargaville, Frankton Jcn, Maclennan	p32	246/Apr 88##
	Trade news: Ajin guard's van, tools, kits, etc	p34	246/Apr 88##

John Agnew	Our Heritage: Ua177 Lumsden, F40 Stirling, Cambridge goods, A68 Ellis & Burnand	p36	246/Apr 88##
John Rogers	Photo: Ajin 30ft clerestory guard's van in 1:64	Cover	247/Jun 88##
Karl Morris	Products: Ajin guard's van F151	p6	247/Jun 88##
Dave Harris	Car & wagon: Improving Lb and Lc wagons	p7	247/Jun 88##
Russell Postlewaight	1:64 Layout: Up the Black Creek on the narrow gauge: Blackball tank locos	p8	247/Jun 88##
	Journal Jewels: Peter Ross F13, Brian Monaghan South African locos, Brian Lilley's Ka/Wab, 1:64 in Oz	p12	247/Jun 88##
Paul Berntsen	Tools: Scrawker/bending bars	p14	247/Jun 88##
	Plan: Portland Cement Peckett 4-4-0	p15	247/Jun 88##
Fred Lee	Tools: Preparing scale drawings from a photograph	p16	247/Jun 88##
	Plan, text and photos: 30ft clerestory guard's van	p19	247/Jun 88##
	Club Chat: Christchurch, Waikato, Wellington, Nelson, Wairarapa, Auckland	p22	247/Jun 88##
Trevor Jones/Darryl Smith	Plan and Photo: Hino BG100 bus	p23	247/Jun 88##
	Report: 1988 convention: Jim Harwood is still top modeller	p24	247/Jun 88##
Terry Bradley	Fifties Focus: New lives for old carriages	p6	247/Jun 88##
	Postbox: NZR coat of arms	p28	247/Jun 88##
	Our Heritage: Onehunga wharf, Cambridge Station, first train to Masterton,	p30	247/Jun 88##
	Trade news: Railmaster and Railside Das, Midland Dsa	p32	247/Jun 88##
	Our Heritage: Cross Creek, Kaitangata, Wa ex J at Cambridge, Cape Foulwind	p30	247/Jun 88##
Don Weston	Photo: Don's G class Garratt on Jack Raffills' Omoto Viaduct	Cover	248/Aug 88##
Paul Berntsen	Locomotivity: Modelling the R class Fairlie (includes Peter Dyer plan)	p6	248/Aug 88##
E W Crumpton	Rail history: Treasure from the bush: A history of R28	p10	248/Aug 88##
	Journal Jewels: 9 Mil (1:34) kitset Fs, two views of Bob McCully's Mt Jackson branch	p12	248/Aug 88##
Russell Postlewaight	Layout Ideas: Up Black Creek on the narrow gauge – Track Planning (West Oxford and Orawia yard plans)	p14	248/Aug 88##
Terry Bradley	Fifties Focus: Way & Works vehicles	p16	248/Aug 88##
	Photos, text and plan: 6-wheel accident cranes of the NZR	p19	248/Aug 88##
Paul Berntsen	Locomotivity: Chimneys and domes	p24	248/Aug 88##
Susan Roche	Perspective: An absorbing hobby for Hugh Bennett	p28	248/Aug 88##
John Agnew	Our Heritage: Springston, Sawyers Bay, Drury, St John's	p30	248/Aug 88##
	Book Corner	p32	248/Aug 88##
	Club Chat: 9 Mil comes of age, NZR TTn3½	p32	248/Aug 88##
John Agnew	Our Heritage: Bb618 Frankton, Bb620 Frankton, Ub287, R32 at Linwood	p34	248/Aug 88##
Trevor Jones/Darryl Smith	Plan and Photo: Hino BG100 bus	p36	248/Aug 88##

Terry Bradley	Photo: Wb294 crosses the bridge on Warren Stirling's 9 Mil (1:34) Hikurangi Railway	Cover	249/Oct 88##
Don Weston	Locomotivity: A Garratt in 9 Mil (1:34) scale	p6	249/Oct 88##
	Journal Jewels: Ray Funnell's 9 Mil on 16.5mm train, Bob Stott's pub, Robin Knight models, Jim Smith	p10	249/Oct 88##
Russell Postlewaight	Car & wagon: Up Black Creek on the narrow gauge – Mass produced coal wagons	p12	249/Oct 88##
Evan James	Perspective: Safety hints around Pokaka	p15	249/Oct 88##
Terry Bradley	Fifties Focus: The English Electric De	p16	249/Oct 88##
Terry Bradley	Photos, text and plan: The English Electric De	p18	249/Oct 88##
John Agnew	Rail history: Notes on the history of the Nelson – Glenhope line	p23	249/Oct 88##
	Trade news: Frateschi EMD G12, model railway catalogue	p27	249/Oct 88##
	Postbox	p28	249/Oct 88##
John Agnew	Our Heritage: Canterbury Provincial Railway trains at Ferrymead and Christchurch	p30	249/Oct 88##
Paul Berntsen	Techniques: Ladders and handrails	p32	249/Oct 88##
John Agnew	Our Heritage: Canterbury Provincial Railway trains at Christchurch, Auckland & Drury No.s 1 and 2	p34	249/Oct 88##
	Club Chat: Nelson, Waikato, Black Creek, Wellington	p36	249/Oct 88##
	Turntable: brief notes	p36	249/Oct 88##
Trevor Cheer	Photo: Df6254/Dc4093 crossing a plate girder bridge (colour)	Cover	250/Dec 88##
Paul Berntsen	Trees: Types, methods and materials	p5	250/Dec 88##
	Book Corner	p10	250/Dec 88##
John Rogers	Plan and Photo: Palmerston, Foxton's vertical boilered locomotive	p11	250/Dec 88##
Russell Postlewaight	Structures: Up Black Creek on the narrow gauge – Blackball coal bins	p12	250/Dec 88##
Trevor Jones/Darryl Smith	Plan and Photo: Hino BG100 bus	p15	250/Dec 88##
Paul Berntsen	Tools: Louvre tool	p16	250/Dec 88##
Trevor Cheer	Plan, text and photos: DSG/DSJ shunters	p18	250/Dec 88##
John Agnew	Rail history: Further Nelson locomotive developments (includes Hope and Nelson yard plans)	p23	250/Dec 88##
John Agnew	Our Heritage: Bishopdale, Nelson, Richmond	p26	250/Dec 88##
	Club Chat: Pokaka 1988	p28	250/Dec 88##
	Postbox	p29	250/Dec 88##
John Agnew	Our Heritage: Bluff Harbour Railway	p30	250/Dec 88##
	Trade news: Frateschi GE U20C	p32	250/Dec 88##
	Postbox	p29	250/Dec 88##
Terry Bradley	Fifties Focus: Ka941 Taihape, Ab818 Magatainoka, Ja1256 Cass, J1227/Ab751 Wairoa (colour)	p36	250/Dec 88##
Russell Postlewaight/Kevin Crosado	Photos: Ww and car-van, Ken Lankshear's Dg crossing Keith Collins' truss bridge (colour)	Back	250/Dec 88##

Kevin Crosado	Photo: Bob Stott's Johnson A class	Cover	251/Feb 89##
Karl Morris	Car & wagon: A Ud wagon in 9 Mil (1:34) (includes plan)	p6	251/Feb 89##
	Club Chat: Nelson, Hamilton, Whangarei, Christchurch, Auckland	p11	251/Feb 89##
Chris Bradley	Techniques: L-girder baseboards	p12	251/Feb 89##
	Plan and photos: NZR G class horsebox	p14	251/Feb 89##
Terry Bradley	Fifties Focus: Subbies at Swanson, J1211 Parnell Tunnell, J1211 Auckland	p16	251/Feb 89##
Trevor Jones/Darryl Smith	Plan and Photo: Bedford MCD bus	p18	251/Feb 89##
Trevor Cheer	Plan, text and photos: Dsc shunting loco	p19	251/Feb 89##
Wayne Brindle	Car & wagon: Side chains and air hoses (includes sketch)	p23	251/Feb 89##
Paul Berntsen	Tools: Flame soldering/making steps	p24	251/Feb 89##
Peter Ross	Perspective: Beginnings – a descent into railway modelling	p26	251/Feb 89##
	Journal Jewels: Raoul Quinn wagons, Colin Zeff A and vans, Terry Bradley Hunslett Y	p28	251/Feb 89##
John Agnew	Our Heritage: Midland L Moana, A66 fitted for track inspection, P268 Mercer, F and train Ross	p30	251/Feb 89##
Jim Staton	Prototype: Bush tramways roundup	p32	251/Feb 89##
John Agnew	Our Heritage: J84 Frankton, J83 Christchurch, V126/V127 near Owaka,	p34	251/Feb 89##
	Postbox	p36	251/Feb 89##
	Turntable: Brief notes	p37	251/Feb 89##
	Trade news:	p37	251/Feb 89##
Raoul Quinn	Photo: Bb626 leaves Rimu yard while Ww379 pauses on Mike Lough's 1:64 layout	Cover	252/Apr 89##
Allan Fraser/Bun Wicks	Trees: Another branch	p6	252/Apr 89##
Spencer Lawry	Car & wagon: Automatic NZR coupler	p9	252/Apr 89##
Kevin Crosado	Plan, text and photos: Plumbing the depths – Sellars injector	p10	252/Apr 89##
John Kerr	Rail history: Tales from the old days – experiences in the last days of steam	p12	252/Apr 89##
Doug Wilkinson	1:64 Layout: Foxton, photos and text	p12	252/Apr 89##
Terry Bradley	Fifties Focus: Losing streamlining, J1203, Ka993, Wa217 Roa, W192 Rewanui	p16	252/Apr 89##
Bradley Evans/James Terry	Perspective: Modelling in prototype 3½	p18	252/Apr 89##
Russell Postlewaight	Plan: Paparoa coal bins, Blackball	p20	252/Apr 89##
Russell Postlewaight	Structures: Up Black Creek on the narrow gauge – Coal bins	p22	252/Apr 89##
Rueben Romany	Postbox: NZ120 options in N scale stock	p24	252/Apr 89##
Paul Berntsen	Turntable: Brief note	p25	252/Apr 89##
Paul Berntsen	Club Chat: Auckland, Christchurch, Nelson, Australia, Wellington, Wairarapa, Hamilton	p26	252/Apr 89##
	Trade news:	p26	252/Apr 89##

Peter Ross	Techniques: RTV moulding methods used by Jack Raffills	p27	252/Apr 89##
John Agnew	Our Heritage: W238 Roa, Wingatui Station, A and We375 Dunollie	p25	252/Apr 89##
Paul Berntsen	Locomotivity: Driving wheels	p32	252/Apr 89##
John Agnew	Our Heritage: G class Garratts	p34	252/Apr 89##
Trevor Cheer/Paul Berntsen	Plan, text and photos: Hitachi Tr shunting tractor	p36	252/Apr 89##
Paul Berntsen	Locomotivity: Let's build a chassis for the Hitachi	p36	252/Apr 89##
Paul Berntsen	Photo: Rogers Q at Korero Station (9 Mil/1:34 scale)	Cover	253/Jun 89##
Paul Berntsen	Locomotivity: QED – Building the Rogers Q	p6	253/Jun 89##
Kevin Crosado	Plan, text and Photo: Plumbing the depths – Penberthy injector	p10	253/Jun 89##
Alan Craig	Plan and photos: Standard one arm signal	p12	253/Jun 89##
Terry Bradley	Fifties Focus: Bridge girders on wagons, crane unloading roofing iron Invercargill	p16	253/Jun 89##
Hugh Stockbridge	Report: Recovering Wbs from Mokihinui River	p18	253/Jun 89##
John Gourlay	Plan: Omakau station and yard	p20	253/Jun 89##
Mac Maguiness	Locomotivity: Cowcatchers and headlights	p22	253/Jun 89##
	Postbox	p25	253/Jun 89##
	Journal Jewels: Robin Knight's Rye Valley layout, Harry Welch's Taumarunui, Brian McKenzie	p26	253/Jun 89##
	Book Corner	p27	253/Jun 89##
Paul Berntsen	Turntable: Brief notes	p29	253/Jun 89##
	Postbox	p25	253/Jun 89##
John Agnew	Our Heritage: Builder's photo K88, K93 Hillside, Q51 Invercargill	p30	253/Jun 89##
Dave Reddick/Peter Sewell	Locomotivity: 9 Mil (1:34) PWD long tank Fowler	p32	253/Jun 89##
John Agnew	Our Heritage: fowler 545 Kaiwaka and Kaitangata	p30	253/Jun 89##
	Plan and photos: PWD long tank Fowler	p36	253/Jun 89##
Paul Berntsen	Locomotivity: Around the workshop – split axles	p38	253/Jun 89##
Brian Eastergaard	Photos: A scene on Brian Eastergaard's HO layout	Cover	254/Aug 89##
Brian Eastergaard	Scenicking: Backdrops that live	p6	254/Aug 89##
Kevin Crosado	Text and Photos: Plumbing the depths – exhaust steam injector	p10	254/Aug 89##
Russell Postlewaight	1:64 Layout: Up Black Creek on the narrow gauge – Potpourri (Ab722)	p12	254/Aug 89##
Paul Berntsen	Locomotivity: Portland Peckett in 3/16 (1:64) scale	p14	254/Aug 89##
John Kerr	Fifties Focus: Recalling Jb1229 derailed near National Park	p18	254/Aug 89##
Alan Craig/Kevin Crosado	Plan and text: Early R wagons	p19	254/Aug 89##
	Trade news: Etched brass G wagon kit	p23	254/Aug 89##

	Postbox	p25	254/Aug 89##
	Club Chat: Christchurch, Auckland, Hamilton	p27	254/Aug 89##
Paul Berntsen	Turntable: Brief notes	p28	254/Aug 89##
Ray Funnell	Perspective: Modelling 2ft gauge in 9 Mil (1:34) scale	p29	254/Aug 89##
John Agnew	Our Heritage: Early Dunsandel, Invercargill roundhouse 1883, F78 Waihao Downs 1885, K94 Timaru	p30	254/Aug 89##
John Agnew	Our Heritage: Rangiora panorama 1935, F12/F11 Waimak Gorge, F13/F78 Otarama 1903	p34	254/Aug 89##
Peter Ross	Photo: Robin Knight's 3/16 (1:64) coaling crane	Cover	255/Oct 89##
John Rappard	Car & wagon: Wagons galore! Building a string of La and Lc wagons in NZ120 scale	p6	255/Oct 89##
	Journal Jewels: 1:64 scale Robin Knight models, coaling crane, PWD Fowler and Davenport, etc	p10	255/Oct 89##
Bob Stott	Plan: Diagram of Westinghouse pump piping	p12	255/Oct 89##
John Rogers	Locomotivity: The Mills A, a most long lived locomotive (1:34)	p13	255/Oct 89##
Terry Bradley	Fifties Focus: Auckland industries 1952	p16	255/Oct 89##
Paul Berntsen	Photos: Black Creek roundup	p18	255/Oct 89##
Les Downey	Plan and Photo: Stothert & Pitt crane Whangarei	p19	255/Oct 89##
Paul Berntsen	Tools: Minidrills	p22	255/Oct 89##
Russell Postlewaight	Car & wagon: Up Black Creek on the narrow gauge – Ea car	p24	255/Oct 89##
	Postbox	p27	255/Oct 89##
	Book Reviews	p27	255/Oct 89##
	Club Chat: Auckland, Nelson, Southland	p28	255/Oct 89##
	Turntable: Brief notes	p28	255/Oct 89##
John Agnew	Our Heritage: Converted Burrell, Foden bush lokeys, Robinson 0-4-0 Seaward Bush	p27	255/Oct 89##
Kevin Crosado	Plan and photos: Tar or bitumen boiler	p32	255/Oct 89##
Bob Schmidt	Layout Ideas: Central North Island	p33	255/Oct 89##
John Agnew	Our Heritage: P Mosgiel, Early Outram, Kelso, Timaru	p34	255/Oct 89##
Trevor James	Photo: A scene on the Hamilton 3/16th (1:64) modular layout	Cover	256/Dec 89##
Trevor James	1:64 Layout: Hamilton modular layout (colour photos, module standards)	p5	256/Dec 89##
Kerry Willard	Plans and Photos: Half cab busses	p12	256/Dec 89##
Russell Postlewaight	Layout Ideas: Up Black Creek on the narrow gauge – Rewanui ramblings	p17	256/Dec 89##
	Plan and Photo: Canteen wagon	p19	256/Dec 89##
	Book Corner	p19	256/Dec 89##
John Whyte	Plan and photos: Kawakawa Station	p20	256/Dec 89##
	Postbox	p23	256/Dec 89##

	Turntable: Brief notes	p24	256/Dec 89##
	Club Chat: Wairarapa, Wellington	p24	256/Dec 89##
John Agnew	Our Heritage: S52 "Caitlock", Hillside c1979, Gisborne breakwater construction 1889	p26	256/Dec 89##
Hugh Stockbridge	Report: The Wb project – an update	p28	256/Dec 89##
John Agnew	Our Heritage: Dargaville and Lawrence c 1900	p30	256/Dec 89##
Terry Bradley	Fifties Focus: C865 Linwood coal ramp, J1214 Mercer, C845 Middleton, ballast train Opua (colour)	p36	256/Dec 89##
	Photos: Avondale Station, Dj3113, HBR 10, winter tree with pick-up truck (colour)	Back	256/Dec 89##
Raoul Quinn	Photos: Rimu yard, Mike Lough's 1:64-scale layout	Cover	257/Feb 90##
Bob McCully	1:22.5 Layout: An LGB venture in Canterbury	p6	257/Feb 90##
Russell Postlewaight	Locomotivry: Up Black Creek on the narrow gauge – B class 4-8-0s	p11	257/Feb 90##
Graham Radcliffe	Trackwork: Timaru wharves	p11	257/Feb 90##
John Agnew	Rail history: C car found at Donnelley's Crossing	p14	257/Feb 90##
Reg Ellison	Scenicking: Simulating water	p15	257/Feb 90##
Terry Bradley	Fifties Focus: Auckland wharves area 1952	p16	257/Feb 90##
Wayne Haste	Locomotivry: Modelling the B class double Fairlie	p18	257/Feb 90##
Jack McClare/Bob McCully	Plan, text and photos: B class double Fairlie	p19	257/Feb 90##
Graham Venning	Postbox: Trackbase and cork ballast	p24	257/Feb 90##
	Club Chat: 3/16 NZR railfans	p25	257/Feb 90##
	Books	p25	257/Feb 90##
	Trade news: Dynamic Diesels Kc wagon, 9 Mil (1:34) F class loco kit, etc	p26	257/Feb 90##
Ian Galbraith	Club Chat: Pokaka report	p28	257/Feb 90##
Peter Wood	Journal Jewels: G gauge Garratt	p25	257/Feb 90##
John Agnew	Our Heritage: B class Fairlies	p30	257/Feb 90##
Paul Berntsen	Car & wagon: Wagon equalisation	p32	257/Feb 90##
John Agnew	Our Heritage: Auckland wharves in sailing ship days	p34	257/Feb 90##
Hugh Stockbridge	Report: Wbs move North	p36	257/Feb 90##
Kevin Crosado	Tools: Working with epoxy adhesive	p37	257/Feb 90##
Graham Radcliffe	Trackwork: Burnham single slip	p39	257/Feb 90##
Paul Berntsen	Photo: Port Tiri loco depot on Paul Berntsen's Korero railway	p6	258/Apr 90##
Paul Berntsen	1:34 Layout: Tales of the Korero railway	p6	258/Apr 90##
David McNiven	Perspective: HOn3.5 (1:87) notes (includes track and wheel standards, Kp and Wb plans)	p10	258/Apr 90##
Graham Radcliffe	Trackwork: Rolleston point within a point	p12	258/Apr 90##

Brent Hopley	Review: Midland Line Models Dj kit	p13	258/Apr 90##
Mac Maguiness	Tools: Tools for cardboard	p14	258/Apr 90##
Terry Bradley	Fifties Focus: Kingsland, Palmerston North, Kawakawa, Seddon	p16	258/Apr 90##
Alan Craig	Plan and photos: Drewry 0-6-0 Tr rail tractor	p18	258/Apr 90##
Kerry Willard	Locomotivery: Some 2ft gauge models in 9 Mil (1:34) scale (includes Ruston Hornsby plan)	p23	258/Apr 90##
Russell Postlewaight	Locomotivery: Up Black Creek on the narrow gauge – Kit Bb to B conversion	p29	258/Apr 90##
	Books	p23	258/Apr 90##
John Agnew	Our Heritage: Railcars, Clayton, Alldays & Onions	p30	258/Apr 90##
	Turntable: Brief notes	p32	258/Apr 90##
	Postbox	p33	258/Apr 90##
John Agnew	Our Heritage: Railcars, Westinghouse and Red Terror	p34	258/Apr 90##
Wayne Haste/Kevin Durrant	Structures: Water tanks from Badedas bottle cap	p36	258/Apr 90##
NZR Publicity	Photo: Ja1275 Paekakariki	Cover	259/Jun 90##
Keith Tomlinson	Locomotivery: Building Wf62 (features new chassis)	p6	259/Jun 90##
Paul Berntsen	1:34 Layout: Tales of the Korero railway: Trackwork/electrics	p8	259/Jun 90##
D Hood	Plan: National Park yard	p11	259/Jun 90##
Alan Craig	Plan and photos: Drewry 0-4-0 Tr class rail tractor	p12	259/Jun 90##
	Fifties Focus: Cross Creek and Summit	p16	259/Jun 90##
	Postbox	p18	259/Jun 90##
	Turntable: Brief notes	p18	259/Jun 90##
	Books	p19	259/Jun 90##
Russell Postlewaight	Locomotivery: Up Black Creek on the narrow gauge – B loco chassis	p20	259/Jun 90##
John Whyte	Plan and Photo: Portland station	p24	259/Jun 90##
Wayne Brindle	Plan, text and Photo: Atlantic Union private owner tank wagon	p26	259/Jun 90##
John Whyte	Plan, text and Photo: Shell private owner tank wagon	p27	259/Jun 90##
Kerry Willard	Plans, modelling details: NZR Coaling crane and jigger (velocipede) in 1:64 scale	p28	259/Jun 90##
John Agnew	Our Heritage: A610 Dunedin, Ua177 Gore, L509 Newmarket shops, Ww639 near Kingsland	p30	259/Jun 90##
Dave Harris	Plan and Photo: H-9 cattle wagon	p32	259/Jun 90##
Bill Cousins	Photos: Stations Waiuku and Millers Flat (similar to Kawakawa)	p33	259/Jun 90##
John Agnew	Our Heritage: Ba497 Christchurch, old Gs on Waitohi Viaduct, Wf432 Waitohi Viaduct	p34	259/Jun 90##
	Journal Jewels: Some models by Russell Smith	p36	259/Jun 90##
	Journal Jewels: Some models by Russell Smith	p36	259/Jun 90##
Karl Morris	Report: The Waitemata 150 Convention	p39	259/Jun 90##

Colin Zeff	Report: My convention (Waitemata Convention)	p40	259/Jun 90##
Terry Bradley	Photos: Waitemata convention	p41	259/Jun 90##
Ian Robertson	Report: Across Australia by broad, standard and narrow gauges	p45	259/Jun 90##
Graham Radcliffe	Trackwork: Three-way point in Waitara yard	p45	259/Jun 90##
Russell Postlewaight/Bill Cousins	Photos: B locomotive/sheep wagons	Cover	260/Aug 90##
Bill Cousins	Car & wagon: Sheep wagons my way – J-2 sheep wagons from stripwood	p6	260/Aug 90##
Russell Postlewaight	Locomotivery: Up Black Creek on the narrow gauge – B loco superstructure (includes plan)	p12	260/Aug 90##
	Fifties Focus: X class, 440, 443, 588, 596, 443, 597, 441, 590	p16	260/Aug 90##
L G Shaw	Journal Jewels: Burkes station, Catlins sawmill	p18	260/Aug 90##
Alan Craig	Plan and photos: Drewry Tr class 0-4-0	p19	260/Aug 90##
Paul Berntsen	1:34 Layout: Tales of Korero railway – Scenery	p24	260/Aug 90##
	Postbox	p28	260/Aug 90##
John Agnew	Our Heritage: T102 Auckland, Newmarket, T101 in workshop	p30	260/Aug 90##
Murray Edmonds	Layout Ideas: High tech backscenes	p33	260/Aug 90##
John Agnew	Our Heritage: WMR locos, 17, 7, Paekakariki Station, 11/Ob455	p34	260/Aug 90##
	Review: Injection moulded wooden L wagons	p36	260/Aug 90##
Graham Radcliffe	Trackwork: Stillwater moving frog double slip	p37	260/Aug 90##
NZR Publicity	Photo: Ka949 and another Ka descending Raurimu Spiral	Cover	261/Oct 90##
Peter Sewell	Locomotivery: Price D loco in 9 Mil (1:34) scale	p6	261/Oct 90##
Richard Hudson	Electrics: An approach to train detection (suitable for three-rail only)	p8	261/Oct 90##
Russell Postlewaight	Scenicking: Up Black Creek on the narrow gauge – Scenery and vegetation	p10	261/Oct 90##
Karl Morris/Paul Berntsen	Review: The Sunlander K and Ka	p13	261/Oct 90##
	Fifties Focus: Streamlined Kas, 942 Mauku, 945 Auckland, 940 Frankton, 942 Taihape	p16	261/Oct 90##
	Plans and Photos: Ca wagons	p18	261/Oct 90##
Paul Napier/Bob Stott	Plan and Photo: NZR bush jigger	p22	261/Oct 90##
Peter Hodge	Plans, text, Photos: PWD Ford T locos	p23	261/Oct 90##
	Postbox	p28	261/Oct 90##
	Books	p29	261/Oct 90##
John Agnew	Our Heritage: Garratts Thorndon, Plimmerton (W H Raine photos, R J Searle collection)	p30	261/Oct 90##
	Journal Jewels: Featuring David Gill, Colin Zeff, Paul Berntsen, Ian Munro, Brian Cross, John Agnew	p32	261/Oct 90##
John Agnew	Our Heritage: Garratts Thorndon, Hutt Rd	p36	261/Oct 90##
Paul Berntsen	1:34 Layout: Tales of the Korero railway – Locomotives and rolling stock	p36	261/Oct 90##

NZR Publicity/Colin Zeff	Photo: Real and model Abs	Cover	262/Dec 90##
Colin Zeff	Locomotivery: Let's build an Ab part 1, tender	p6	262/Dec 90##
Richard Hudson	Electrics: Electronic model signalling systems part 1 (German practice)	p11	262/Dec 90##
John Rappard	Car & wagon: Ub and Usl wagons in NZ120 scale	p14	262/Dec 90##
	Fifties Focus: Ab773 Helensville, J1230 Frankton, Ba500 Dunedin, Aerial view Ohakune	p16	262/Dec 90##
Paul Berntsen	1:34 Layout: Tales of the Korero railway – Conclusion	p18	262/Dec 90##
Mac Maginness	Car & wagon: Rolling stock compensation	p21	262/Dec 90##
John Whyte	Plans and Photos: Public telephone boxes	p24	262/Dec 90##
Harry Welch	Signalling: Building a lever frame	p26	262/Dec 90##
John Agnew	Our Heritage: Ub Cromwell 1901, Lambton Station 1928, Ab610 Dunedin, Lincoln 1908	p30	262/Dec 90##
Bill Richmond	Journal Jewels: Photos and text of Tring Cutting, etc	p32	262/Dec 90##
John Agnew	Our Heritage: Ambulance cars, A1977 Otahuhu, various ex WMR	P34	262/Dec 90##
	Postbox	p36	262/Dec 90##
	Club Chat: Christchurch, Wellington	p36	262/Dec 90##
	Turntable: Brief notes	p37	262/Dec 90##
Kerry Willard	Report: "Page 90" model railway exhibition Porirua	p37	262/Dec 90##
Alec Salisbury	Perspective: Proposed track and wheel standards for NZ120	p40	262/Dec 90##
Paul Berntsen	Locomotivery: Motors and gearing part one, drives and motors from the old days	p40	262/Dec 90##
John Rappard/Brian McKenzie	Photo: Palmerston in NZ120 scale (two-page spread)	p42	262/Dec 90##
Kerry Willard	Photos: A scene on Kotanga 1:34	Cover	263/Feb 91##
Paul Berntsen	Layout Ideas: Starting out, part one	p6	263/Feb 91##
Paul Napier/Bob Stott	Plan and Photo: NZR Mamaku bush jigger	p9	263/Feb 91##
Kerry Willard	1:34 Layout: The Kotanga railway	p10	263/Feb 91##
.	Postbox	p14	263/Feb 91##
	Books	p14	263/Feb 91##
	Trade news: South Head coaling crane, Dynamic Diesels Nc kit	p15	263/Feb 91##
	Fifties Focus: Climaxes, 1650 Ongarue, Pukemiro; 522, 898 Mangapehi	p16	263/Feb 91##
	Plan and Photo: The Bagnall Tr	p18	263/Feb 91##
Colin Zeff	Locomotivery: Let's build an Ab part two, the locomotive	p22	263/Feb 91##
Richard Hudson	Electrics: Electronic model signalling systems part 2	p27	263/Feb 91##
John Agnew	Our Heritage: Bush scenes, Climax 522, Climax 1650, Ongarue scene	p30	263/Feb 91##
	Club Chat: Sydney, 3/16 NZR railfans, Pokaka '90,	p32	263/Feb 91##

	Turntable: Brief notes	p32	263/Feb 91##
John Agnew	Our Heritage: Manunui sawmill, Ongarue camp, Ongarue tram bridge	p34	263/Feb 91##
Russell Postlewaight	Structures: Up Black Creek on the narrow gauge – Coal mines	p36	263/Feb 91##
Graham Radcliffe	Trackwork: Addington single slip	p38	263/Feb 91##
Reid McNaught	Photo: Mitsubishi Dsa's: Ohai Railway Board and 273/782 at Linwood	Cover	264/Apr 91##
Paul Berntsen	Layout Ideas: Starting out part two, benchwork	p6	264/Apr 91##
Ken Cousins	Locomotivry: Ajin Ka to Kb conversion	p10	264/Apr 91##
John Whyte/John Agnew	Plan, text and photos: 44ft car-van A311 (BP1353)	p13	264/Apr 91##
	Fifties Focus: Lepperton Junction, Ab742, Q343, Hamilton 1951	p12	264/Apr 91##
Alan Craig	Plan and photos: Mitsubishi Dsa	p18	264/Apr 91##
Peter Wood	Perspective: Scale/gauge discussion, Proto 7n3½ (1:43) proposal	p23	264/Apr 91##
	Postbox	p25	264/Apr 91##
	Trade News	p25	264/Apr 91##
	Turntable: Brief notes, railway radio frequencies	p25	264/Apr 91##
	Books	p26	264/Apr 91##
Russell Postlewaight	Layout Ideas: Up Black Creek on the narrow gauge – Conclusion	p27	264/Apr 91##
Bob Stott	Plans and Photos: Bush roundup – Model T speeder/jigger	p28	264/Apr 91##
John Agnew	Our Heritage: Davenport 528, J1231 Lyttelton 1940, Paekakariki, Napier Mail Palmerston North	p30	264/Apr 91##
John Agnew	Locomotivry: Let's build an Ab part three, tender variations	p32	264/Apr 91##
John Agnew	Our Heritage: Dunedin 1913, Original Auckland station, Ab839 Wellington, T class Deep Stream c1900	p34	264/Apr 91##
Brian McKenzie	Photo: John Harrison's Kb on the Christchurch MRC's portable 16.5mm layout	Cover	261/Jun 91##
Max Maginness	Car & wagon: Building a Uga wagon in Sn3½ (1:64)	p6	261/Jun 91##
Paul Berntsen	Layout Ideas: Starting out part two (sic) laying track	p6	261/Jun 91##
Kerry Willard	Locomotivry: Johnson 0-6-0 tank in 1:34	p12	261/Jun 91##
Kerry Willard	Products: Ilford XP1 film	p13	261/Jun 91##
John Darlington	Rail history: Unique NZ railway wagon transporter	p14	261/Jun 91##
Noel Maginnity	Car & wagon: Equalised wagon chassis	p15	261/Jun 91##
	Fifties Focus: Peckett pair Portland, Climax 1650 Ongarue, Uc365 Stillwater and north of Greymouth	p16	261/Jun 91##
Trevor Cheer	Plan and photos: Price Tr shunting tractors	p18	261/Jun 91##
Dave Harris/Les Downey	Plan and photos: La-4 wagon	p23	261/Jun 91##
Paul Napier	Plan, text and photos: A 9 Mil (1:34) Natrass rail tractor	p24	261/Jun 91##
	Postbox	p27	261/Jun 91##

	Books	p29	261/Jun 91##
John Agnew	Our Heritage: Unloading O hopper Westport, K92 Pomahaka, South end Frankton 1903, R272 Christchurch	p30	261/Jun 91##
	Journal Jewels: Bill Cousins' 3/16-scale (1:64) models, Ua117, coaling crane, E3199, A421	p32	261/Jun 91##
John Agnew	Our Heritage: Hyslops D cars, D137, D139, D26, "drovers" F van, F10/Ep2501	p34	261/Jun 91##
	Club Chat: Wellington	p36	261/Jun 91##
	Turntable: Brief notes	p36	261/Jun 91##
	Hints and tips: Filling joints in whitemetal kits	p36	261/Jun 91##
	Trade news: Cab details for Canterbury J	p36	261/Jun 91##
NZR Publicity	Photo: Ww679 on Rewanui Incline 1960	Cover	262/Aug 91##
John Rappard	Locomotivery: Df loco in NZ120 (includes plan)	p6	262/Aug 91##
Peter Hodge	Rail history: Puponga Coal Co (2ft gauge)	p8	262/Aug 91##
Graham Venning	Layout Ideas: Starting out part three (sic) hand spiked track	p12	262/Aug 91##
Kerry Willard	Perspective: Failing eyesight needn't be a problem (1:12 scale modelling)	p15	262/Aug 91##
	Fifties Focus: Ab715 Te Kuiti, Ww644 Onehunga, Ja1278 Otahuhu, Otira locomotive depot	p16	262/Aug 91##
Trevor Cheer	Plan and photos: General Electric Dh class	p18	262/Aug 91##
Bob Stott	Postbox: 1977/1981 loco colours	p22	262/Aug 91##
	Books	p23	262/Aug 91##
	Plan: Sectional diagram of Ab loco	p24	262/Aug 91##
	Journal Jewels: Text and photos of NZR-ised UK wagons by Darryl Palmer	p26	262/Aug 91##
	Bush Roundup: Ketetahi timber bridge	p28	262/Aug 91##
John Agnew	Our Heritage: Old Auckland Station and Rotorua Express leaving 1905, second station 1920	p30	262/Aug 91##
John Rappard/Brian McKenzie	Photo: Dunedin 1872 modelled in NZ120	p32	262/Aug 91##
John Agnew	Our Heritage: Ww675 old Auckland Station, second Auckland Station, Auckland loco sheds	p34	262/Aug 91##
Don Weston	Photo: J1224 on Auckland 9 Mil portable layout	Cover	263/Oct 91##
Peter Sewell	1:34 Layout: The 9 Mil Piha Tramway	p6	263/Oct 91##
Colin Zeff	Layout Ideas: Local line connects port with town and hinterland, intersects trunk line	p13	263/Oct 91##
Brian McKenzie	Journal Jewels: 9 Mil (1:34) John Gardener Kb and Ab, Nelson Kennedy D, Wayne Brindle's A410	p14	263/Oct 91##
	Fifties Focus: C859 Queens Wharf, Ab829 Lower Hutt, TTT Mallet Pukitaki Stream, Wab800 Petone	p16	263/Oct 91##
	Postbox	p18	263/Oct 91##
	Turntable: Brief notes	p19	263/Oct 91##
Bob Stevens	Plan: NZR 12,000 gallon water vat	p20	263/Oct 91##
David Lowe	Layout Ideas: Starting out part four (sic): Reference sources for buildings	p22	263/Oct 91##

Alan Craig	Plans: NZR colour light signals	p24	263/Oct 91##
	Club Chat: UK	p28	263/Oct 91##
	Trade News	p28	263/Oct 91##
	Books	p28	263/Oct 91##
Ian Robertson	Report: Broad gauge branch lines – modelling in Victoria, Australia	p28	263/Oct 91##
John Agnew	Our Heritage: Wharf scenes. J236 Wellington, New Plymouth, Ww564 Ahuriri, F257 Queens Wharf	p30	263/Oct 91##
	Photos: Black Creek album – Robin Knight’s Price 16-wheeler and Ed; Brian Cross’s U (all 1:64 scale)	p32	263/Oct 91##
Wayne Haste	Photos: Uge and Ge explosives wagons	p33	263/Oct 91##
John Agnew	Our Heritage: Wf/Wb Wellington 1905, Wf431 Wanganui 1908, Ww645 Ngaio Bank 1927, Garratt Makatote	p34	263/Oct 91##
Nelson Provincial Museum	Photo: Takaka tram on limestone ledge	Cover	264/Dec 91##
Hodge	Rail history: The Takaka tramway – pioneer narrow gauge	p6	264/Dec 91##
John Rappard	Locomotivery: Dx loco in NZ120 (includes plan)	p10	264/Dec 91##
David Lowe	Layout Ideas: Starting out part five (sic) – More reference sources for buildings	p12	264/Dec 91##
	Fifties Focus: Castlecliff Railway 1950	p16	264/Dec 91##
Ian Munro	Lineside: Small hotel Thorndon Quay	p18	264/Dec 91##
Alan Craig	Plan and photos: Price Tr 100 - 109	p19	264/Dec 91##
	Postbox	p22	264/Dec 91##
	Books	p22	264/Dec 91##
	Turntable: Brief notes	p22	264/Dec 91##
NZ Railways Corp	Plan: HBR coal container	p25	264/Dec 91##
Brian Eastergaard	Plan and photos: The Fb loco	p26	264/Dec 91##
John Agnew	Our Heritage: 1920s hoardings/vehicles, Ww568 Parnell Bank, Crossing Kakahi 1909, Helensville 1930s	p30	264/Dec 91##
Max Maginness	Journal Jewels: 3/16-scale (1:64) NZR layout near Seattle	p32	264/Dec 91##
John Agnew	Our Heritage: J83 Linwood, F113 Outram, Glen Massey 1930, A425 Wellington 1920	p34	264/Dec 91##
Paul Napier	Plan and photos: Smiths railtruck Mamaku	p36	264/Dec 91##
NZR Publicity	Photo: F13 Lyttelton	Cover	265/Feb 92##
Keith Collins	Layout Ideas: The Heads Railway (Castlecliff)	p6	265/Feb 92##
John Dunne	Report: The Keirunga Park Railway	p10	265/Feb 92##
David Lowe	Layout Ideas: Starting out part six (sic) – More reference sources for buildings	p12	265/Feb 92##
Robin Knight	Locomotivery: Motorising Nattrass tractor in 3/16 (1:64) scale	p15	265/Feb 92##
	Fifties Focus: Helensville, Ab 830 1951, J1203 1949, J1220 Opuia, Ab830 Kaukapakapa	p16	265/Feb 92##
Ray Lantz	Plan and photos: NZR C class 0-4-0	p18	265/Feb 92##

Stephen Thompson	Plan and photos: NZR Craven steam cranes	p19	265/Feb 92##
John Whyte	Added detail: Ea2856 a 9 Mil (1:34) car/van	p25	265/Feb 92##
	Postbox	p26	265/Feb 92##
	Books	p27	265/Feb 92##
	Trade News	p27	265/Feb 92##
	Turntable: Brief notes	p27	265/Feb 92##
Ian Munro	Lineside: Rural level crossing, railway underpass	p28	265/Feb 92##
Paul Napier	Plan and Photo: Ogilvie & Co bush railcar	p29	265/Feb 92##
John Agnew	Our Heritage: A round Caroline Bay, Wab797 Raurimu, Wf398 Greytown, Wf400 Woodside	p30	265/Feb 92##
Karl Morris	Review: The Online RTR 1:64 Ab	p6	265/Feb 92##
John Agnew	Our Heritage: A473 Huntly, A478 Mercer, Wd326 Auckland, Dubs F and train Helensville	p34	265/Feb 92##
Bob Stevens	Plan: Tunnel and buffer standards	p36	265/Feb 92##
Bob Stevens	Plan: NZR 5ft 6in wheelbase N wagon	p37	265/Feb 92##
Peter Hodge	Photo: A scene on the Ninemill Valley Tram	Cover	266/Apr 92##
Peter Hodge	1:34 Layout: The Ninemill Valley Tram: 2ft gauge in 9 Mil (1:34) scale	p6	266/Apr 92##
David Lowe	Layout Ideas: Starting out part seven (sic) – More reference sources for buildings	p10	266/Apr 92##
Peter Cameron/Maurie Duston	Journal Jewels: Scenes on Peter Cameron's 3/8 (1:32) scale layout	p13	266/Apr 92##
	Fifties Focus: B308 Timaru, Ba497 Oamaru, Castlecliff Railway C21 and Nasmyth Wilson 0-6-0T	p16	266/Apr 92##
NZ Railways Corp/Trevor Cheer	Plan and photos: Pk wagon	p18	266/Apr 92##
NZ Railways Corp/Trevor Cheer	Plan: Za wagon	p20	266/Apr 92##
Kerry Willard	Locomotivity: Simplex locomotives – a legacy of war	p22	266/Apr 92##
Peter Hodge	Rail history: 40hp Simplex war veteran	p26	266/Apr 92##
	Postbox	p27	266/Apr 92##
	Books	p28	266/Apr 92##
Keith Collins	Layout Ideas: Heads Railway, Castlecliff, track plans	p29	266/Apr 92##
John Agnew	Our Heritage: Castlecliff Railway scenes	p30	266/Apr 92##
Bob Stevens	Plans: Two Auckland trams	p32	266/Apr 92##
John Agnew	Our Heritage: Castlecliff locomotives, G57, C166 "Moana"	p34	266/Apr 92##
Graham Radcliffe	Lineside: Manawatu Gorge limeworks	p36	266/Apr 92##
Karl Morris	Review: 9 Mil (1:34) 56ft car kit	p35	266/Apr 92##
Brian McKenzie	Photo: Richard Rowe's 9 Mil (1:34) scale model of Wa165	Cover	267/Jun 92##
	New Guild Executive: Robin Knight, Peter Ross, Allan Guy, John Gardener, Wayne Mills, Graham Raddiffe	p6	267/Jun 92##

Nelson Kennedy	Locomotivery: Life after 3ft drivers – Making 57in driving wheels in 9 Mil (1:34) scale	p7	267/Jun 92##
John Gardener	Locomotivery: Quartering drivers (driving wheels)	p9	267/Jun 92##
Karl Morris	Report: 1992 Wairarapa convention	p11	267/Jun 92##
Brian McKenzie	Photos: Dunedin Station, Rhys Batchelor, 1:120 scale. Wa 165, Richard Rowe, 1:34 scale.	p12	267/Jun 92##
Brian McKenzie	Photos: W192, Nelson Kennedy, 1:34 scale. Davidson P “Weka”, Neil Andrews, 1:34 scale.	p13	267/Jun 92##
Brian McKenzie	Photo: Hoskins Creek on the Christchurch TTn3½ modular layout, 1:120 scale.	p14	267/Jun 92##
Graham Radcliffe	Fifties Focus: Wab803 Parnell Bridge, Ab661 Palmerston North, Ab704 Matata, new Dg’s Summit	p16	267/Jun 92##
Paul Andersen-Gardiner	Layout Ideas: A beginner learns, thoughts on building a layout	p18	267/Jun 92##
Wayne Haste/Peter Hodge	Car & wagon: Stoker kits revisited:	p19	267/Jun 92##
Cedric Green	Plans: 44ft second class car BP2536, 44ft second class car BP1733	p20	267/Jun 92##
John Gardener	Perspective: Scenery – learning from plastic modellers	p22	267/Jun 92##
	Plan and photos: Kc, K and X wagon painting and lettering	p23	267/Jun 92##
	Plan and photos: L wagon painting and lettering	p25	267/Jun 92##
David Lowe	Layout Ideas: Starting out part eight (sic) – More reference sources for buildings	p26	267/Jun 92##
Brian Cross	Obituary: Geoff Hodgkinson UK Guild representative	p29	267/Jun 92##
	Club Chat	p29	267/Jun 92##
Graham Radcliffe	Our Heritage: New Plymouth c1910, 1912, “Josephine” Mangaweka Viaduct and on work train	p30	267/Jun 92##
	NZAMRC model competition results	p32	267/Jun 92##
John Agnew	Our Heritage: Gilbert Bush cars, Dunedin 1945, Palmerston 1945, Waimak Gorge 1884, Buckhurst 1925	p30	267/Jun 92##
	Trade News	p36	267/Jun 92##
John Gardener	Tools: New uses for old files	p36	267/Jun 92##
Don Weston	Photo: Clear view of Ja coal tender front	p37	267/Jun 92##
Brian McKenzie	Photo: Robin Knight’s convention award winning Ws locomotive (1:64 scale)	Cover	268/Aug 92##
Brent Hopley	Rail history: The Charming Creek Coal Co	p6	268/Aug 92##
Noel Cresswell	Locomotivery: Dsg loco in NZ120 (includes plan)	p10	268/Aug 92##
	Photos: Wairarapa convention prize winners	p6	268/Aug 92##
John Agnew/Graham Radcliffe	Fifties Focus: PWD Fowler 539 Waiouru 1954, Linton 1971	p16	268/Aug 92##
Paul Napier	Plan and photos: Union Foundry tractor	p18	268/Aug 92##
Brian McKenzie	Photos: Convention display models: Paul Berntsen’s 1:34 T102; Norm Gaby’s 1:64 Craven crane	p20	268/Aug 92##
Gerald Petrie	Loco File: F184	p22	268/Aug 92##
	Plan and photos: H wagon painting and lettering	p23	268/Aug 92##
	Plan and photos: Xp, Xa, Xb wagon painting and lettering.	p25	268/Aug 92##
Graham Radcliffe	Beyond the Fifties: Masterton 1900s and 1964,	p26	268/Aug 92##

John Gardener	Locomotivery: From the rails up – accurate axle and crank holes	p28	268/Aug 92##
John Gardener	Tools: New uses for old drills	p29	268/Aug 92##
John Agnew/Graham Radcliffe	Our Heritage: Kakahi 1905, Hapuawhenua Viaduct 1914, Taihape 1909 and 1920s	p30	268/Aug 92##
	Postbox	p32	268/Aug 92##
	Book Corner	p32	268/Aug 92##
John Agnew/Graham Radcliffe	Our Heritage: Lyttelton early 1900s and 1964,	p34	268/Aug 92##
	New Guild Executive: Jim Staton, Colin Barry, Bill Pierson, Brent Hopley	p36	268/Aug 92##
Graham Radcliffe	Photo: Charming Creek 1964	p37	268/Aug 92##
Don Weston	Photo: Lester Hopkins' 3/8 (1:32) scale model of a Dunedin tram	Cover	269/Oct 92##
Peter Ross	Locomotivery: Wf revisited part one, setting some goals	p6	269/Oct 92##
John Gardener	Report: Dunedin Little Train Show	p8	269/Oct 92##
John Gardener	1:64 Layout: Excellence in 3/16 – Christchurch MRC modular layout	p9	269/Oct 92##
John Gardener	NZ120 Layout: A masterpiece in TTn3½ (NZ120) – Otago Model Engineers' portable layout	p10	269/Oct 92##
Lester Hopkins	Self-propelled: Dunedin trams in 1:32 scale	p11	269/Oct 92##
David Lowe	Layout Ideas: Starting out part nine (sic) – More sources of references for buildings	p12	269/Oct 92##
Graham Radcliffe/John Agnew	Fifties Focus: Raurimu – Ka945, Jb1230/Ka946 1955, K919, Df/Jb 1955	p16	269/Oct 92##
Jack McClare	Prototype: Headlight positions on K classes	p18	269/Oct 92##
Paul Napier	Plans and Photos: Smith's Mamaku railtrucks	p20	269/Oct 92##
Gerald Petrie	Loco File: Wa64	p22	269/Oct 92##
John Gardener	Tools: Springs from old cigarette lighters	p22	269/Oct 92##
	Plan and photos: Rp wagon painting and lettering.	p23	269/Oct 92##
	Plan and photos: Za wagon painting and lettering.	p25	269/Oct 92##
Graham Radcliffe	The Four Corners: Okaihau 1974, Gisborne 1955, Bluff 1955, Tuatapere 1961	p26	269/Oct 92##
John Gardener	Locomotivery: From the rails up – loco chassis and rods	p28	269/Oct 92##
Brent Hopley	Review: Online Wab kit	p29	269/Oct 92##
John Agnew/Graham Radcliffe	Our Heritage: Wf437 Lyttelton, Mataroa 1909, U215 Christchurch 1923, Wf486 NIMT c1907	p30	269/Oct 92##
	Book Corner	p32	269/Oct 92##
	Trade news: Adachi loco chassis	p32	269/Oct 92##
	Postbox	p33	269/Oct 92##
Neil Andrews	Turntable: Brief notes – problem solving	p33	269/Oct 92##
John Agnew	Our Heritage: Early stations; J261 Huntly, Ongarue, Hamilton, Palmerston North	p34	269/Oct 92##
Evan James	Perspective: Exhibitions, what does the public want to see?	p36	269/Oct 92##

Nelson Kennedy	Photo: Nelson Kennedy's 9 Mil (1:34) G class Pacific	Cover	270/Dec 92##
Nelson Kennedy	Locomotivery: A duet in G – Notes about G98 and G57 in 9 Mil (1:34) scale	p6	270/Dec 92##
Peter Ross	Locomotivery: Wf revisited part two, rebuilding the chassis, split axles, etc	p9	270/Dec 92##
Peter Dickenson	Tools: Mini electric drill, quartering jig, etc	p11	270/Dec 92##
Don Weston/John Gardener	Photos and text: Garratt G98 – A masterpiece of model engineering	p14	270/Dec 92##
	Fifties Focus: G class Pacifics, G97 Palmerston, G100 Hornby, G98 Ashburton, G99 Linwood	p16	270/Dec 92##
Graham Radcliffe	Plans and Photos: NZR Tunnels. Summit, Rewanui, Manuka, Staircase, Broken River, Johnsonville	p18	270/Dec 92##
Paul Andersen-Gardiner	Report: IMREX, Pendon, London Toy and Model Museum, etc	p22	270/Dec 92##
	Plan and photos: Uct wagon painting and lettering.	p23	270/Dec 92##
	Plan and photos: Uk, Uka painting and lettering.	p25	270/Dec 92##
Graham Radcliffe	Christmas on the rails: Q350 Ohakune, Christmas Creek bridge, We376 Greymouth, Dx2612 Swanson	p26	270/Dec 92##
Wayne Haste	Car & wagon: Made in Haste – Freelanced steam breakdown crane	p28	270/Dec 92##
Neil Andrews	Techniques: Heat forming styrene	p29	270/Dec 92##
John Agnew	Our Heritage: Ab608 Dunedin 1939, J1222 Helensville 1949, A426 Dunedin 1939, J1231 Te Aroha 1955	p30	270/Dec 92##
	Postbox	p32	270/Dec 92##
	Trade news: Short wheelbase N wagon kit	p32	270/Dec 92##
Brent Hopley	Obituary: Doug Wilkinson Jnr	p33	270/Dec 92##
Graham Radcliffe/John Agnew	New Plymouth Station portfolio: Station 1905, J1226 1963, passenger train c1900, yard 1974	p34	270/Dec 92##
	Photos: Horse-drawn timber wagon, abandoned Pukerua Bay tunnel	p36	270/Dec 92##
Brian McKenzie	Photo: Nelson Kennedy's 9 Mil (1:34) G class Pacific	Cover	271/Feb 93##
Kevin Crosado	Perspective: Research while you can – Taumarunui loco depot demolition, Roxburgh water vat	p6	271/Feb 93##
John Gardener	Locomotivery: From the rails up – Six and eight coupled equalised chassis	p8	271/Feb 93##
Phil Rzoska	Car & wagon: 9 Mil (1:34) Lw woodchip wagon	p11	271/Feb 93##
Colin Barry	Loco File: Improved F "Kaitangata"	p12	271/Feb 93##
John Gardener	Products: NZR modellers' market, a survey of current wagon kits	p14	271/Feb 93##
John Agnew	Fifties Focus: Ww682 Swanson, Ab730 Kingston, Ba551 Dunedin, Aa654 Raetihi Branch	p16	271/Feb 93##
Rod Murgatroyd	Layout Ideas: Kakahi yards and mill	p18	271/Feb 93##
	Plan and Photo: NZR 4000 gallon water vat	p20	271/Feb 93##
Stu Brown	Perspective: Safety notes	p22	271/Feb 93##
	Plan and photos: Zp wagon painting and lettering	p23	271/Feb 93##
	Plan and photos: Kp wagon painting and lettering	p25	271/Feb 93##
Graham Radcliffe	Station selections: K900 Tarukenga, A426 Tapanui, L91 Darfield, typical goods train Claudelands	p26	271/Feb 93##
Peter Ross	Locomotivery: Wf revisited part three, milled rods	p28	271/Feb 93##

John Agnew	Our Heritage: Frank Roberts' models/RSR Railway scenes	p30	271/Feb 93##
	Trade news: 144 degree solder	p32	271/Feb 93##
	Postbox	p32	271/Feb 93##
	Club Chat: 3/16 Auckland Railfans	p32	271/Feb 93##
John Agnew/Graham Radcliffe	Our Heritage: Brownlee "Twins" Barclay 0-4-0 + 0-4-0 together and apart	p34	271/Feb 93##
	Photos: Horse-drawn timber wagon, abandoned Pukerua Bay tunnel	p36	271/Feb 93##
Graham Radcliffe	Photos: Brent Hopley's 3/16 (1:64) Dj3499 on the Rewanui Incline	Cover	272/Apr 93##
Brent Hopley	Rail history: Rewanui	p6	272/Apr 93##
Stephen Thompson	Layout Ideas: Rewanui and track plan	p8	272/Apr 93##
Phil Rzoska	Car & wagon: 9 Mil (1:34) Lw woodchip wagon part two	p10	272/Apr 93##
Stu Brown	Layout Ideas: Planning your railroad empire	p11	272/Apr 93##
John Gardener	Locomotivity: From the rails up – Valve gear	p12	272/Apr 93##
Graham Radcliffe	Signal boxes: Aramoho South, Studholme Junction, Dannevirke, Sawyers Bay Station	p16	272/Apr 93##
Wayne Brindle	Structures: Remuera signal box in 3/16 (1:64) scale	p18	272/Apr 93##
Chris Bradley	Plan: Standard 24 lever signal box	p20	272/Apr 93##
Gerald Petrie	Loco File: "Kangaroo", Shanks 0-4-0ST of 1875	p22	272/Apr 93##
	Plan and photos: Lpa wagon painting and lettering	p23	272/Apr 93##
	Plan and photos: Bf wagon painting and lettering	p25	272/Apr 93##
Graham Radcliffe	Rewanui: Typical mixed train, Ww684 taking water, Ww679 near bins and mine entrance	p26	272/Apr 93##
Graham Radcliffe	Photo: Rewanui from above	p28	272/Apr 93##
Stu Brown	Perspective: Finish those old projects	p29	272/Apr 93##
	Trade Review	p29	272/Apr 93##
	Club Chat	p29	272/Apr 93##
	Turntable: Brief notes	p29	272/Apr 93##
Graham Radcliffe	Early NZR Diesels: Da1414 Woodville, De511 Ngaio, Dg763,769,764 Murupara, Df1509 Kawerau	p30	272/Apr 93##
Peter Ross	Scenicking: Underfelt – modelling medium for scrub and low bush	p32	272/Apr 93##
Graham Radcliffe	On the South Line: Ab807 Sockburn, Islington, Hornby, Ja1242 Templeton	p34	272/Apr 93##
	Postbox	p36	272/Apr 93##
Graham Radcliffe	Early NZR Diesels: Da1414 Woodville, De511 Ngaio, Dg763,769,764 Murupara, Df1509 Kawerau	p34	272/Apr 93##
Wayne Mills	Rail history: Horse exhaust "pooper scooper"	p36	272/Apr 93##
John Gardener	Products: Modellers' market – a survey of current wagon kits	p37	272/Apr 93##
Derek Cross	Photos: Ohakune 1954 with two southbound trains	Cover	273/Jun 93##

Paul Berntsen	Locomotivery: Taupo Totara Timber Company Mallet in Sn3½ (1:64) scale	p6	273/Jun 93##
Peter Ross	Locomotivery: Wf revisited part four, the body	p10	273/Jun 93##
John Gardener	Locomotivery: From the rails up – Valve gear made easy	p12	273/Jun 93##
Graham Radcliffe	Fifties Focus: Signal boxes: Longburn, Ngaurukehu, Jb1200 Ngaruawahia, Palmerston North South Box	p16	273/Jun 93##
Graham Radcliffe	Loco File: The Vulcan railcar	p18	273/Jun 93##
John Harrison	Car & wagon: Building a Vulcan from scratch (9 Mil/1:34 scale)	p19	273/Jun 93##
Mark Cole	Plan: Vulcan railcar	p20	273/Jun 93##
Gerald Petrie	Loco File: O99, Baldwin 7569 of 1885	p22	273/Jun 93##
	Plan and photos: Yh wagon painting and lettering	p23	273/Jun 93##
John Gardener	Products: Modellers' market – a survey of current wagon kits	p25	273/Jun 93##
Graham Radcliffe	The Vulcan railcar: RM57 Dunedin, RM52 Elmer Lane, RM52 Linwood, RM52 and 58 Stillwater	p26	273/Jun 93##
Phil Rzoska	Review: 9 Mil (1:34) rail tank wagon kit	p28	273/Jun 93##
John Agnew	Our Heritage: Frank Roberts' models on RSR Railway	p30	273/Jun 93##
	Turntable: Brief notes	p32	273/Jun 93##
	Book Corner	p32	273/Jun 93##
Peter Ross	Techniques: Off the level: Contouring Pinex softboard	p33	273/Jun 93##
John Agnew	Our Heritage: Loco depots, Thorndon 1930s, Petone, Auckland 1952, Frankton 1924	p34	273/Jun 93##
	Postbox	p36	273/Jun 93##
	Club Chat: Wellington	p37	273/Jun 93##
Graham Radcliffe	Photo: Scene on Stephen Ball's 3/16 (1:64) scale layout	p6	274/Aug 93##
Stephen Ball	1:64 Layout: Westport to Reefton in 3/16 (1:64) scale	p6	274/Aug 93##
Graham Radcliffe	Rail history: Signal boxes	p10	274/Aug 93##
Mike Kearney	Layout Ideas: Arch bead spline sub-roadbed	p11	274/Aug 93##
John Gardener	Locomotivery: From the rails up: Cylinders	p12	274/Aug 93##
Graham Radcliffe	Our Heritage: Ormondville 1910 and 1964, Waitoa 1950 and 1958	p16	274/Aug 93##
Richard Rowe/Mark Cole	Car & wagon: 9 Mil (1:34) 56ft passenger cars and a van (includes second class car plan)	p18	274/Aug 93##
Stephen Thompson	Operation: Timetable diagrams	p24	274/Aug 93##
Peter Parker	Obituary: John Smythe	p25	274/Aug 93##
Robin Knight	Locomotivery: Motorising small locomotives	p28	274/Aug 93##
John Agnew	Our Heritage: Palmerston North, Napier Mail, mixed train. Invercargill Express. New Plymouth Mail	p30	274/Aug 93##
	Postbox	p32	274/Aug 93##
	Trade Review: Branchlines gearboxes	p33	274/Aug 93##
Graham Radcliffe/Jack Buckley	Tawa Deviation: Ab 1934, Ab north portal No.1 tunnel, last train, Field's Express 1939	p34	274/Aug 93##

	Book Corner	p36	274/Aug 93##
J L Stitchbury	Photos: Climax 1650 Ongarue 1956	Cover	275/Oct 93##
Graham Radcliffe	Prototype: Ikamatua Sawmills Ltd	p6	275/Oct 93##
Brian Cross	Techniques: Heat forming plastic sheet	p8	275/Oct 93##
Paul Napier	Plan and photos: Buick 4-2-0 bush jigger Tauranga Museum	p10	275/Oct 93##
Peter Hodge	Perspective: Pioneer modeller Frank Roberts	p12	275/Oct 93##
Graham Radcliffe	Our Heritage: Bush trams, Ngaroma Climax 1317, Taringamotu Price Cb, Knight's tram Raurimu	p16	275/Oct 93##
Colin Barry/Ian Tibbles	Prototype: The Dragons! (Dispatch Foundry rail tractors)	p18	275/Oct 93##
Paul Napier	Plan: The Dragon!	p20	275/Oct 93##
	Turntable: Brief notes	p24	275/Oct 93##
Graham Radcliffe	Our Heritage: Bush trams, D221 Kaingaroa, Heisler Putaruru, "Joan" Barclay 0-4-0 Kaniere/Maymorn	p26	275/Oct 93##
Peter Ross	Locomotivity: Wf revisited part five, the valve gear	p28	275/Oct 93##
Graham Radcliffe	Fifties Focus: J1226 Frankton, Aa654 Ohakune, Ja1285/J1214 Tuakau, Ja1289 Palmerston North	p30	275/Oct 93##
	Postbox	p32	275/Oct 93##
Graham Radcliffe	The 56ft Car in Action: Maewa 1976, Islington 1986, Wellington 1975, Timaru 1971	p34	275/Oct 93##
	Book Corner	p36	275/Oct 93##
	Trade Reviews	p36	275/Oct 93##
J D Richardson	Photo: K916 and another class loco on Frank Roberts' RSR Railway.	Cover	276/Dec 93##
Bill Cousins	1:64 Layout: North Canterbury	p6	276/Dec 93##
Paul Berntsen	Perspective: Paul's Great Britain 1993, hints on visiting the UK	p10	276/Dec 93##
John Whyte	Prototype: Springburn Post Office in 9 Mil (1:34) scale	p11	276/Dec 93##
John Gardener	Locomotivity: From the rails up – Bogies	p12	276/Dec 93##
Brent Hopley/Graham Radcliffe	30ft Guard's Vans: F139 Taumarunui 1962, F376 Frankton 1962, F238 Greymouth 1971,	p16	276/Dec 93##
Brent Hopley/Graham Radcliffe	Car & wagon: A tale of two guard's vans: Building Midland and Railmaster 30ft guard's van kits (1:64 scale)	p18	276/Dec 93##
Peter Dickenson	Car & wagon: Brake van No.215 – One-off 30ft guards van in 9 Mil (1:34) scale	p19	276/Dec 93##
	Plan: X25540 30ft guard's van	p20	276/Dec 93##
John Gardener	Products: Modellers' market, a survey of current wagon kits	p22	276/Dec 93##
Karl Morris	Rail history: Lest we forget – Tangiwai 40 years on	p23	276/Dec 93##
Karl Morris	Layout Ideas: Re-creating New Zealand's worst rail disaster in model form	p24	276/Dec 93##
Graham Radcliffe	Tangiwai – Lest we forget, Ka949 Paekakariki, accident site, Ka941 temporary bridge, Ab773 new bridge	p26	276/Dec 93##
Graham Radcliffe	30 foot Guard's Vans: F508/1033 1981, F688 1973, F440 1975, Two at East Town 1975	p30	276/Dec 93##
	Postbox	p32	276/Dec 93##

Hugh Bennett	Photo: Morning train at Fairlie on the HBR layout	p33	276/Dec 93##
	Book Corner	p33	276/Dec 93##
	Trade Review	p33	276/Dec 93##
	Turntable: Brief notes	p33	276/Dec 93##
John Agnew	Our Heritage: Locos for scrapping Frankton 1927, Otorohanga 1908, Tauhoa/Hoteo 1907, Mercer 1893	p34	276/Dec 93##
	Obituary: Jack (John) Grey	p37	276/Dec 93##
Brian McKenzie	Photo: Railcar and passenger train meet at Burkes on Christchurch MRC portable layout.	Cover	277/Feb 94##
Trevor Cheer	Car & wagon: Boxcars from boxes – white wagons in 9 Mil (1:34) scale	p6	277/Feb 94##
John Gardener	Locomotivory: From the rails up – Brake hangers and blocks	p9	277/Feb 94##
Peter Hodge	Trackwork: From the ground up – NZR permanent way practices	p12	277/Feb 94##
Darryl Bond/Rhys Batchelor	Report: NZ120 at the 1994 convention	p14	277/Feb 94##
	Loco File: The Da class	p15	277/Feb 94##
Graham Radcliffe	Early NZR Diesels: Da's at Paekakariki 1974, Maewa 1968, Putaruru 1957, Wellington 1964	p16	277/Feb 94##
Stu Brown/Nick Kaveney	Structures: Building a signal box in 9 Mil (1:34) scale	p18	277/Feb 94##
Brian McKenzie	Photos: John Rappard's 3/16 Tranz Alpine, NZ120 twinset and log train. Kb on 3/16 portable layout	p20	277/Feb 94##
	Scenicking: Contoured landforms	p22	277/Feb 94##
	Plan and Photo: V wagon painting and lettering	p25	277/Feb 94##
Derek Cross/Graham Radcliffe	Fifties Focus: Wab's – 687 Mamaku 1958, 767 Putaruru 1956, 797 Horotiu 1956, 687 Pinedale 1956	p26	277/Feb 94##
John Gardener	Perspective: Preparing competition entries	p28	277/Feb 94##
John Agnew	Our Heritage: Fort Britomart – F242 + three C cars and van , three 1880s views	p30	277/Feb 94##
	Trade Review: South Dock 56ft car kit, 9 Mil (1:34) NZR coupler	p32	277/Feb 94##
	Book Corner	p33	277/Feb 94##
	Video Views	p33	277/Feb 94##
John Agnew	Our Heritage: Onehunga Wharf two views c1900, Early Auckland two views c1880	p34	277/Feb 94##
	Turntable: Brief notes	p36	277/Feb 94##
	Photo: Handlaid track with scale NZR sleepers compared with commercial HO track	p37	277/Feb 94##
Graham Radcliffe	Photo: Passenger car end platform details in 9 Mil (1:34) scale	p37	277/Feb 94##
Graeme Butler/Raoul Quinn	Photos: Apiha Station Merv Smith's Pikipiki Tramway, Sunday morning Mike Lough's 3/16 layout	Back	277/Feb 94##
Don Weston	Photo: A T class loco at Pokaka Station on the Auckland 9 Mil portable layout	Cover	278/Apr 94##
Wayne Brindle	Locomotivory: Building the Midland Fa kitset	p6	278/Apr 94##
Terry Bradley	Car & wagon: 30ft plough van in 9 Mil (1:34 scale) – a kit conversion	p9	278/Apr 94##
Kelvin Barry/Graham Radcliffe	Review: JG Models Ab kit	p10	278/Apr 94##

Brent Hopley/Graham Radcliffe	Car & wagon: A tale of two guard's vans: Building 1:64 Midland and Railmaster 30ft guard's van kits	p13	278/Apr 94##
Ian Robertson	Report: Broad gauge branch lines – modelling in Victoria, Australia	p13	278/Apr 94##
Terry Bradley	Perspective: What's in a Scale? 9 Mil (1:34) pros and cons	p14	278/Apr 94##
	Loco File: The De class	p15	278/Apr 94##
Graham Radcliffe	Early NZR Diesels: De's new at Hutt, 1308 Ngahauranga, 507 near Maymorn, 505 near Swanson	p16	278/Apr 94##
Graham Radcliffe/Bob Stevens	Plan and photos: NZR standard 55ft turntable	p18	278/Apr 94##
Peter Hodge	Perspective: What's in a Scale? Narrow gauge and choosing a scale	p22	278/Apr 94##
Graham Radcliffe	Loco Servicing Facilities: Ab751 Paeroa 1951, Ja1288 Gisborne 1962, Otira 1967, Ross 1965	p26	278/Apr 94##
Peter Ross	Locomotivery: Wf revisited, motorising, pipework, other details and painting	p28	278/Apr 94##
John Agnew	Our Heritage: Four views of early Auckland, second station, etc	p30	278/Apr 94##
	Trade Review: Modern Images Us wagon kit, Exactoscale brick paper, decal solutions, 1:34 chassis kit	p32	278/Apr 94##
	Club Chat: Auckland 9 Mil group, Hutt Valley, Wellington	p33	278/Apr 94##
John Agnew	Our Heritage: Four views of Auckland early 1900s, N351, Wab686, Ww672, Ww677	p34	278/Apr 94##
	Turntable: Brief notes	p36	278/Apr 94##
Graham Radcliffe/Don Weston	Photos: De503, plough van Ef2517, Sandfly towing Ka958 on Peter Sewell's Piha Tramway	p37	278/Apr 94##
Trev Terry	Photos: Wairarapa railcar RM5 Mahuhu at Cross Creek 1952.	Cover	279/Jun 94##
Bob Stott	1:64 Layout: Port Craig (3/16/1:64 scale)	p6	279/Jun 94##
Darryl Palmer	Locomotivery: The Railmaster Db kit	p10	279/Jun 94##
	Loco File: The Db class	p11	279/Jun 94##
Terry Bradley	Plan: Db class diesel electric	p12	279/Jun 94##
John McCurdy	Car & wagon: A tale of two 56ft cars (Railmaster and South Dock 1:64 scale)	p13	279/Jun 94##
Graham Radcliffe	Early NZR Diesels: Db's at Waitakere 1970, Katikati 1974, Waimata 1974, Taneatua 1974	p16	279/Jun 94##
Brian Cross	Techniques: Kitchen stove modelling – heat forming plastic sheet to make Wairarapa railcar	p18	279/Jun 94##
Chris Bradley/Norm Gaby	Plan: Wairarapa railcar	p20	279/Jun 94##
Peter Hodge	Perspective: Tin hares – Memories of the Wairarapa railcars	p22	279/Jun 94##
Karl Morris	Report: From one who was there, the 1994 convention	p24	279/Jun 94##
Linda Lankshear	Perspective: A model railway widow?	p25	279/Jun 94##
Graham Radcliffe	Loco Depots: Whangarei 1968, Frankton 1953, Thorndon 1964, Linwood 1963	p26	279/Jun 94##
	NZAMRC model competition results	p28	279/Jun 94##
Brian McKenzie	Photos: Some convention winners: Chris Walker's C&S gondola, Andrew Rye's Df, Bob Allen's Craven crane	p29	279/Jun 94##
Graham Radcliffe	Roundhouses: Lyttelton 1949 and 1963, Elmer Lane 1950 and 1971	p30	279/Jun 94##
	Postbox	p32	279/Jun 94##
	Trade Review: South Dock Mc wagon, Precision Railcraft 40ft truss bridge, 3/16 decals	p33	279/Jun 94##

John Agnew	Our Heritage: Four views around Auckland station 1908 - 1925	p34	279/Jun 94##
	Video Views	p36	279/Jun 94##
	Book Corner	p36	279/Jun 94##
	Club Chat	p36	279/Jun 94##
	Turntable: Brief notes	p36	279/Jun 94##
Brian McKenzie	Photo: Ken Cousins' 3/16 (1:64) scale Vulcan railcar	Cover	280/Aug 94##
Paul Napier	Rail history: Waiouru Military Camp siding (includes yard plan)	p6	280/Aug 94##
John Rappard/Brian McKenzie	Locomotivery: Fa in 1 gauge (1:24)	p9	280/Aug 94##
John McCurdy	Car & wagon: A tale of two 56ft cars (Railmaster and South Dock 1:64 scale)	p10	280/Aug 94##
John Agnew	Review: The Online Vulcan railcar kit	p14	280/Aug 94##
John Agnew	Our Heritage: Vulcan Railcars, Addington 1940, Stillwater 1942, Hokitika late 1940s, Greymouth 1950	p16	280/Aug 94##
John Brouwer	Techniques: Cut your own stripwood	p18	280/Aug 94##
Paul Napier	Plan and photos: A&G Price shunting tractor	p19	280/Aug 94##
	Trade Review	p22	280/Aug 94##
	Book Corner	p22	280/Aug 94##
Ross Nelson	1:64 Layout: A Ka in a cow paddock, New Plymouth Model Railway Club	p23	280/Aug 94##
Graham Radcliffe	Fifties Focus: Westfield Freezing Co 0-6-0ST 1955, Peckett 1645 Glen Afton 1955-57	p26	280/Aug 94##
Brian McKenzie	Photos: Convention competition winners	p28	280/Aug 94##
	Postbox	p31	280/Aug 94##
	Club Chat: Southland, Auckland	p30	280/Aug 94##
	Video Views	p32	280/Aug 94##
	Turntable: Brief notes	p32	280/Aug 94##
John Agnew	Our Heritage: Ww 574 Parnell Bridge, Ww568 Parnell Bank, double tracking Parnell Tunnel 1915 -21	p34	280/Aug 94##
Brian McKenzie/Keith Hancock	Photos: Scene on Barry Hamiltons 4mm scale layout, Ab708 under Creagh Rock (1:64 scale)	Back	280/Aug 94##
W W Stewart	Photo: Oc458 storming out of Wellington	Cover	281/Oct 94##
Peter Hodge	Perspective: What's in a Scale? Narrow gauge and choosing a scale	p6	281/Oct 94##
John Whyte	Weathering: Pastels	p11	281/Oct 94##
John Gardener	Locomotivery: From the rails up – Cowcatchers	p12	281/Oct 94##
John Agnew	Our Heritage: K96 Paeroa, J118 Invercargill 1880, K94/95 Kingston 1907, J70 Hamilton 1902	p16	281/Oct 94##
Brent Hopley	Review: A tale of two Kp's – the South Dock and Railmaster kits	p18	281/Oct 94##
Bob Stevens	Plan: Kp-1 wagon	p19	281/Oct 94##
Euan McQueen/Bob Stevens	Plan, text and photos: Wagon turntables	p20	281/Oct 94##

Gerald Petrie	Loco File: Differences between Yorkshire Fs	p24	281/Oct 94##
John Agnew	Our Heritage: M90 post 1891, N352 Rotorua c1903, L208 Petone c1908, N354 Papakura 1920s	p26	281/Oct 94##
Paul Napier	Plan, text, photo: The Trail rail tractor	p28	281/Oct 94##
David McNiven	Perspective: What's in a scale? HOn3.5 (1:87) pros and cons	p32	281/Oct 94##
Graeme Robinson	Obituary: Norm Gaby	p33	281/Oct 94##
John Agnew	Our Heritage: WMR recalled – E1131 (nee 10) 1937, Palmerston North, A1113 c1910, 50ft car 1953	p34	281/Oct 94##
Robbie McGavin	Perspective: Disasters in NZR modelling	p36	281/Oct 94##
	Postbox	p36	281/Oct 94##
	Trade Review: South Head Ab kit, Modelscapes HOn3.5 Di kit	p37	281/Oct 94##
	Book Corner	p38	281/Oct 94##
Don Weston	Photo: JG Models Ja 1246 on Dunedin 3/16 (1:64) portable layout	p38	281/Oct 94##
	Club Chat	p39	281/Oct 94##
	Turntable: Brief notes	p39	281/Oct 94##
Don Weston	Photo: PWD Fowler 549 crosses the Whatipu Bridge on Peter Sewell's 9 Mil (1:##\$) Piha Tramway	Cover	285/Dec 94##
David McNiven	1:87 Layout: "Little trains of thought" freelance HOn3.5 (1:87)	p6	285/Dec 94##
Stu Brown/Nick Kaveney	Car & wagon: A 37.5ft guard's van in 9 Mil (1:34) scale	p9	285/Dec 94##
Paul Berntsen	Locomotivery: E class double Fairlie – A masterpiece in 9 Mil (1:34 scale	p12	285/Dec 94##
Niall Robertson	Loco File: Da1448	p14	285/Dec 94##
Niall Robertson/Jack McClare	Da1448 – A Pictorial History: Waimauku 1981, Newmarket 1980, Otahuhu 1962, Kawerau 1991	p16	285/Dec 94##
Paul Napier	Prototype: Smith's 1994 Mamaku 0-6-6-0 rail tractor	p18	285/Dec 94##
Paul Napier	Locomotivery: Smith's 1994 Mamaku 0-6-6-0 rail tractor in 9 Mil (1.34) scale (includes plan)	p20	285/Dec 94##
Paul Napier	Self-propelled: Mamaku's Fordson van in 1.34 scale (includes plan and prototype photos)	p24	285/Dec 91##
John Agnew	Kaitangata: Three views c1955 of improved D and F locos around Kaitangata, one at Stirling	p26	285/Dec 91##
Gerald Petrie	Loco File: Differences between 1878 Neilson Fs	p28	285/Dec 94##
Graham Radcliffe	Fifties Focus: Tender view Ab740 Eskdale, J1237 Matawhero, K909 Eureka, J1231 Waihi	p30	285/Dec 94##
Harry Welch	Report: Live steam – Keirunga Park Railway	p32	285/Dec 94##
John Agnew	Our Heritage: Two wharf scenes, J236 Wellington c1928, Wf301 Opuia post 1900	p34	285/Dec 94##
	Postbox	p35	285/Dec 94##
	Trade Review: Car & Wagon tank car decals	p37	285/Dec 94##
	Book Corner	p37	285/Dec 94##
	Turntable: Brief notes	p37	285/Dec 94##
	Video Views	p38	285/Dec 94##

Graham Radcliffe	Photo: Taihape with Da1503 departing south and Da1533/1504 waiting to follow	Cover	286/Feb 95##
Brent Hopley	Layout Ideas: A terminal objective	p6	286/Feb 95##
Barry Norman	Layout Ideas: Looking beyond the track plan	p7	286/Feb 95##
Ian Coates	Station File: Ross, the terminal (includes yard plan)	p12	286/Feb 95##
Kevin Crosado	Prototype: A balanced wagon fleet (ratio of different wagon types)	p14	286/Feb 95##
Rhys Batchelor	Perspective: What's in a scale? NZ120 (1:120) pros and cons	p19	286/Feb 95##
Jim Smith	Rail history: Gear Meat Barclay 4-4-0T and their other locos (includes yard plan)	p20	286/Feb 95##
Continental Modeller	Plan: Gear Meat Co Barclay 4-4-0T	p22	286/Feb 95##
Peter Hodge	Layout Ideas: The story of your line	p24	286/Feb 95##
John Agnew	Our Heritage: Four Ba's – 500 tender first Dunedin, 552 Dunedin, 554 Burnside, Ba551 Greymouth 1937	p26	286/Feb 95##
Nelson Kennedy	Tools: Avoiding meltdown when soldering whitemetal	p28	286/Feb 95##
Paul Napier	Layout Ideas: Kiwiana – atmosphere New Zealand style	p28	286/Feb 95##
Graham Radcliffe	Kiwiana: Four atmospheric scenes – Opuia 1974, busy Rakaia, Sockburn 1966, Manunui 1972	p30	286/Feb 95##
Paul Napier	Plan, text and photos: Log bogies at Mamaku	p32	286/Feb 95##
John Agnew	Our Heritage: Newmarket – Wf396/A424 c1919, Ww563 c1921, A424 c1921, Aa650 1919	p34	286/Feb 95##
Gus Van Der Veldt	Added detail: Detailing an 88-seat railcar	p36	286/Feb 95##
	Postbox	p38	286/Feb 95##
	Turntable: Brief notes	p39	286/Feb 95##
	Book Corner	p39	286/Feb 95##
	Trade News	p40	286/Feb 95##
Don Weston	Photo: J1224 with petrol train on the Auckland 9 Mil Group's portable layout	Cover	287/Apr 95##
John Whyte/Don Weston	1:34 Layout: Auckland 9 Mil Portable (1:34 scale)	p6	287/Apr 95##
Kevin Crosado	Plans, text and photos: Fifties wagon painting and lettering (highsiders and stock wagons)	p11	287/Apr 95##
Ken Lankshear	Perspective: What's in a scale? 3/16-inch to the foot (Sn3½, 1:64) pros and cons	p15	287/Apr 95##
Darryl Bond/Rhys Batchelor	Locomotivery: Building locos in NZ120	p16	287/Apr 95##
Graham Radcliffe	Stations – Vogel Era: Lyndhurst, Puketeraki, Lumsden, Brunner	p18	287/Apr 95##
Peter Hodge	Layout Ideas: Modelling NZR in small spaces	p20	287/Apr 95##
Brent Hopley	Rail history: Kaiwhata Branch	p24	287/Apr 95##
Graham Radcliffe	Stations – 1945 to 1955: Lincoln, Ngaruawahia, Richmond, Horotiu	p26	287/Apr 95##
Graham Radcliffe	Prototype: Down at the station	p28	287/Apr 95##
Graham Radcliffe	Photo: Winchester 1971, showing cattle stop, water vat, semaphore signal, station and goods shed	p28	287/Apr 95##
Graham Radcliffe	Stations – 1964 to 1986: Burnside, Carterton, Paekakariki, Waimangaroa	p30	287/Apr 95##
John McCurdy	Car & wagon: Maitland makes a model – building a South Dock Lc-3	p32	287/Apr 95##

Gerald Petrie	Loco File: D222, Neilson 2566 of 1880	p33	287/Apr 95##
Colin Barry	Review: Railmaster guard's van in etched brass	p34	287/Apr 95##
	Postbox	p36	287/Apr 95##
	Book Corner	p38	287/Apr 95##
	Trade Review	p38	287/Apr 95##
	Turntable: Brief notes and Club Chat	p38	287/Apr 95##
Brian McKenzie	Photo: Double-headed NZ120 Dc locomotives hauling coal through the Karangahake Gorge	Cover	288/Jun 95##
Darryl Bond	NZ120 Layout: A look at Otaki and Cass (NZ120)	p6	288/Jun 95##
Kevin Crosado	Plans, text and photo: Fifties wagon painting and lettering (includes 1941 tarpaulin).	p8	288/Jun 95##
Peter Hodge	Layout Ideas: Six by four, two small layout scenarios	p11	288/Jun 95##
Darryl Palmer	Locomotivery: DA408: Modelling a Clyde Da in 3/16 (1:64) scale	p15	288/Jun 95##
Graham Radcliffe	Photos: Arthurs Pass (1985) and Cromwell (1966) from high above	p16	288/Jun 95##
John Whyte	Prototype: Typical NZR station yard structures	p18	288/Jun 95##
Graham Radcliffe	Station Structures: Typical small station yards, Swanson, Amberley, Lumsden, Tapanui	p16	288/Jun 95##
Toney Owens	Operation: Prototype practices	p16	288/Jun 95##
Richard Rowe	Locomotivery: Mountains in miniature – building the JG Models Ja kit	p26	288/Jun 95##
Graham Radcliffe	Journal Jewels: Richard Rowe's 9 Mil (1:34) scale model of A428	p29	288/Jun 95##
Graham Radcliffe	Down at the Station: Dg771/778 Aylesbury, Brunner, Burkes, Kaituna (lake Ellesmere)	p30	288/Jun 95##
Ken Lankshear	Review: South Dock J-5 kit (includes plan and photo)	p32	288/Jun 95##
	Profile: Peter Hodge, your new editor	p33	288/Jun 95##
John Agnew	Our Heritage: Ww675 Remuera c1920, A class Eilerslie c1920, Ww572 Penrose 1924, P269 Drury 1910	p33	288/Jun 95##
Brent Hopley	Layout Ideas: The Kaiwhata Branch	p36	288/Jun 95##
	Postbox	p37	288/Jun 95##
	Turntable: Brief notes	p37	288/Jun 95##
	Book Corner	p37	288/Jun 95##
	Trade Review	p38	288/Jun 95##
Peter Ross	Weathering: Why pastel weathering becomes lighter	p39	288/Jun 95##
Darryl Bond	Colour photo: Dc4778/4790 leaving Cass on Darryl Bond and Rhys Batchelor's NZ120 layout	Back	288/Jun 95##
Graham Radcliffe	Colour photo: Lawrence Boul's 1:64 scale 30ft guard's van and 1992 convention prize winner	Back	288/Jun 95##
Graham Radcliffe	Photo: C868 entering Riversdale on Brent Hopley's diorama	Cover	289/Aug 95##
Graham Radcliffe	Journal Jewels: Robin Knight's 3/16 (1:64) scale model of the Lake Brunner Sawmilling Co's Barclay	p6	289/Aug 95##
Peter Hodge	Station File: Ormondville (includes yard plans)	p7	289/Aug 95##

Wayne Haste	Structures: Made in Haste – Log hut	p13	289/Aug 95##
Graham Radcliffe	90s NZ Rail: DFT7145/7173, DSG3127 Christchurch, DH2822 Penrose, DXR8007/DC4818 Middleton	p16	289/Aug 95##
Paul Berntsen	Locomotivry: From my workshop – living with plastic drivers	p18	289/Aug 95##
Jeff Driver	Bits ‘n’ Bobs: News, views and items of interest	p20	289/Aug 95##
Peter Hodge	Rail history: The hundred year layout – 1940 Centennial Exhibition model railway	p21	289/Aug 95##
	Memories: Maurie Duston, Ken Cassells and Peter Dickenson share their Centennial recollections	p24	289/Aug 95##
John Agnew	Our Heritage – North Auckland: Onerahi 1925, Wayby 1908, Te Hana 1911 and 1960s	p26	289/Aug 95##
Brent Hopley	Layout Ideas: Kaiwhata final planning	p28	289/Aug 95##
Paul Berntsen/Keith Hancock	Photos: Magic Moments – 1:34 Wb and ex-WMR car on Kerero, 1:64 Ab708 on Keith Hancock’s layout	p31	289/Aug 95##
Graham Radcliffe	Fifties Focus: 4-6-2T “Bernoni”, Dubs C Rotowaro. Napier Harbour Board Fowler, Fa41, Awakeri	p32	289/Aug 95##
	Trade news: Precision Railcrafts, Ironhorse Hobbies, Colonials, Ian Robertson, South Dock,	p34	289/Aug 95##
	Reviews: 3/16 (1:64) scale log bogies, 9 Mil (1:34) scale figures	p34	289/Aug 95##
	Books	p35	289/Aug 95##
	Postbox	p36	289/Aug 95##
	Report: Sixth Christchurch model railway exhibition	p37	289/Aug 95##
	Club Chat: Christchurch N120, Mana club	p37	289/Aug 95##
	Internet: Members’ e-mail addresses	p38	289/Aug 95##
Maurie Duston	Photo: Bernie Willis’s A crossing Hapuawhenua Viaduct on Wairarapa modular layout	Cover	290/Oct 95##
Ian Galbraith/Maurie Duston	1:64 Layout: A slice of the Wairarapa – the Wairarapa Railway Modellers’ modular layout	p6	290/Oct 95##
Kevin Crosado	Journal Jewels: Robin Knight’s 3/16 (1:64) scale Plasser & Theurer ballast tampers	p10	290/Oct 95##
Graham Dredge	Techniques: Creating in plastics (styrene)	p11	290/Oct 95##
Jeff Driver	Bits ‘n’ Bobs: News, views and items of interest	p15	290/Oct 95##
Graham Radcliffe	Fifties Focus: Ab697 Leeston, Ab612 Hawarden, Ab697 Hornby, Ab723 Timaru	p16	290/Oct 95##
Hugh Stockbridge	Loco File: Baldwin Wb	p16	290/Oct 95##
Ian Robertson	Perspective: On my workbench – organising the work area	p23	290/Oct 95##
Hugh Stockbridge	Plan: Wb class 2-6-2T of 1898	p24	290/Oct 95##
John Agnew	Our Heritage: Dargaville – F256 and 30ft van on barge, Trains at Dargaville	p26	290/Oct 95##
Colin Barry	Station File: Studholme Junction (includes yard plan)	p28	290/Oct 95##
Brent Hopley	Layout Ideas: Studholme Junction	p31	290/Oct 95##
Kevin Crosado	Review: Calendars	p33	290/Oct 95##
	Profile: Allan Fraser (South Dock Models)	p33	290/Oct 95##
Graham Radcliffe	90s NZ Rail: DF6277/Coastal Pacific, DX5068 Plimmerton, DX5477 Waitohi Viaduct, 30 class Maewa	p34	290/Oct 95##
	Postbox	p36	290/Oct 95##

	Reviews: Ironhorse Hobbies 3/16 (1:64) smallest 0-4-0 NZR Tr kit, Model Company rivet press	p37	290/Oct 95##
	Trade news: South Dock, Nine Mill, Online, North Yard, Kelmarna, Precision Scalecraft	p39	290/Oct 95##
	Postbox	p36	290/Oct 95##
Russell Postlewaight	Photo: 3/16 (1:64) scale Online Vulcan RM52 on Russell Postlewaight's Black Creek layout	Cover	291/Dec 95##
Graham Stewart	1:87 Layout: Townsville, an HO scale tram layout in Karori Wellington	p6	291/Dec 95##
Graham Stewart	Journal Author: Graham C Stewart introduces himself	p10	291/Dec 95##
Peter Hodge/Raoul Quinn	Journal Jewels: Raoul's 1:12 scale Orenstein & Koppel 0-4-0T	p11	291/Dec 95##
John Brouwer	Signalling: Single line automatic	p12	291/Dec 95##
John Agnew	Our Heritage: PWD Fowlers Oamaru, Otago Harbour, Arthurs Pass. PWD 40hp Simplex Rangiaihua	p16	291/Dec 95##
Brett Grinder	Road vehicles: 1:64 scale road transport for the layout	p18	291/Dec 95##
Graham Dredge	Techniques: Creating in plastics (styrene)	p20	291/Dec 95##
	Christmas colour: 1:34 Wd and F180, 1:64 Aa655, 1:34 ganger. DA541/506 Punganui Stream, P tender	p24	291/Dec 95##
Peter Ross	Tools: Bonding for modellers – guide to glues	p26	291/Dec 95##
	Profile: Keith Collins (Precision Railcrafts)	p28	291/Dec 95##
	Rail history: Tranz Formation, NZ Rail becomes Tranz Rail	p29	291/Dec 95##
Glen Anthony	90s NZ Rail: DC4761 Reefton line, DC4657 Hokitika line, DC4605 Greymouth, DC4473 Cobden Bridge	p30	291/Dec 95##
Graham Radcliffe	Fifties Focus: Rimutaka Incline closure	p32	291/Dec 95##
Peter Hodge	Station File: Glen Afton station and yard (includes yard plan)	p34	291/Dec 95##
Kevin Crosado	Added detail: Posters, signs and hoardings	p38	291/Dec 95##
	Reviews: Precision Railcrafts 70 ft turntable kit, Car & Wagon Graphics pre TMS decals,	p39	291/Dec 95##
	Book Reviews	p40	291/Dec 95##
	Trade news: Online, Ironhorse Hobbies, South Dock, Car & Wagon Graphics	p41	291/Dec 95##
	Report: Christchurch train show	p41	291/Dec 95##
Jeff Driver	Bits 'n' Bobs: News, views and items of interest	p20	291/Aug 95##
	Postbox	p43	291/Dec 95##
Kevin Crosado	Scenicking: Scale posters and signs in colour	Back	291/Dec 95##
Ken Cousins	Photo: Ken Cousins' 1:64-scale model of Wab793	Cover	292/Feb 96##
Brett Grinder	1:64 Layout: The world and the meaning of life	p6	292/Feb 96##
Kevin Crosado	Journal Jewels: Ken Cousins' 1:64-scale model of Wab793	p10	292/Feb 96##
John Brouwer	Signalling: Single line automatic	p11	292/Feb 96##
Ken Devlin	90s NZ Rail: DX5379/DC4657/DJ3499, DX5293/DJ3096, DX5166/DF6087, DX5517, DC4853/DC4790	p16	292/Feb 96##
Lawrence Boul	Techniques: Success with styrene	p18	292/Feb 96##

Peter Ross	Tools: Bonding for modellers: Guide to glues	p22	292/Feb 96##
Reuben Romany	Perspective: NZR in miniature – more on NZ120	p23	292/Feb 96##
Peter Hodge	Our Heritage: Takapuna steam trams	p23	292/Feb 96##
Paul Napier	Signalling: Kiwiana – motor vehicle registration plates	p26	292/Feb 96##
Peter Hodge	Station File: Moana (includes yard plan)	p28	292/Feb 96##
Graham Radcliffe	Fifties Focus: Subbies – Woolston 1966, Mosgiel 1964, Newmarket 1974, Ava 1974	p32	292/Feb 96##
Bill Cousins/Wayne Cousins	Plan, text and photos: Uc-16 tank wagon	p34	292/Feb 96##
Rod Murgatroyd	Products: Electronic kitsets	p36	292/Feb 96##
Kevin Crosado	Beginning and End: 1:64 scale models, Ian Galbraith's Gorilla De and Ajin 30ft guard's van	p37	292/Feb 96##
	Trade news: Nine Mill, Bay Line, Model Company, South Dock, Ian Robertson	p38	292/Feb 96##
	Profile: Nelson Kennedy (Nine Mill Products)	p39	292/Feb 96##
Russell Postlewaight	Review: Online Xp kit	p40	292/Feb 96##
	Postbag	p40	292/Feb 96##
	Internet	p40	292/Feb 96##
Peter Hodge	Photo: Model Company 9 Mil Ua 4-6-0	Cover	293/Apr 96##
Glen Anthony	1:120 Layout: The Tranz Alpine portable	p6	293/Apr 96##
Lawrence Boul	Techniques: Success with styrene	p11	293/Apr 96##
Peter Ross	Journal Author: Lawrence Boul	p15	293/Apr 96##
Trevor Terry	Fifties Focus: Wab794 Tokoroa, Frankton loco, K916 Claudelands, K907 Morrinsville	p11	293/Apr 96##
Syd Naish	1:87 Layout: Tramcar trilogy – a layout a year	p18	293/Apr 96##
Ian Robertson	1:24 Layout: Tramcar trilogy – trams all my life	p19	293/Apr 96##
Graham Haase	1:30 Layout: Tramcar trilogy – gone too soon	p20	293/Apr 96##
Tom McGavin	Perspective: Jack Gray's Cambridge Valley	p18	293/Apr 96##
Rod Murgatroyd	Signalling: NZR signals for NZ120	p22	293/Apr 96##
Jeff Driver	Bits 'n' Bobs: News, views and items of interest	p24	293/Aug 96##
Raoul Quinn/Paul Berntsen	Journal Jewels: Ua179, The Model Company's 4-6-0 in 9 Mil (1:34) scale	p25	293/Apr 96##
Ken Cousins	90s NZ Rail: North of the Bombays – DX5304/DF6219, DF6283/DF6006, DBR1199, DX5039	p26	293/Apr 96##
John Brouwer	Signalling: Single line automatic	p28	293/Apr 96##
John Agnew	Our Heritage: Lambton Station – looking north and south c1930, goods yard 1912, north end	p28	293/Apr 96##
Kevin Crosado/Paul Berntsen	Rail history: Glen Afton (includes yard plan)	p34	293/Apr 96##
Kevin Crosado	Rail History: Glen Afton Station	p38	293/Apr 96##
	Trade news: South Dock, Decal Company, Station Rd, Scenery Unlimited, Kelmarna, Rail Link, MSP	p39	293/Apr 96##
	Reviews: Precision Railcrafts house, Nine Mill W-8 and Xa-5 wagon kits,	p40	293/Apr 96##

	Book Reviews	p41	293/Apr 96##
	Profile: Paul Berntsen (The Model Company)	p42	293/Apr 96##
	Internet	p42	293/Apr 96##
	Postbag	p42	293/Apr 96##
Tranz Link	Photos: JT class canopy newsprint wagons	p44	293/Apr 96##
Bill Cousins	Photo: Ab617 on Bill Cousins' 1:64 North Canterbury layout	Cover	294/June 96##
Ian Galbraith	1:64 Layout: Culcreuch branch	p6	294/June 96##
	Journal Author: Ian Galbraith	p10	294/June 96##
	Report: New newsletter for NZ120 modellers	p10	294/June 96##
Jeff Driver	Bits 'n' Bobs: News, views and items of interest	p11	294/June 96##
	Report: Guild AGM	p11	294/June 96##
	NZAMRC competition results and photos	p12	294/June 96##
Kevin Crosado	Journal Jewels: Paul Napier's 9 Mil (1:34) scale sawmill, Guild Trophy winner	p15	294/June 96##
Kevin Crosado	Our Heritage: Caroline Bay – Washdyke 1874/1875/1889, summer excursion train 1920	p16	294/June 96##
Ken Cassells	Rail history: Sunstroke – an NZR derailment	p18	294/June 96##
Darryl Palmer	Locomotivity: DX5448, building and detailing the Railmaster kit	p21	294/June 96##
Bill Cousins	1:64 Layout: Canterbury Rails, an update on Bill Cousin's <i>North Canterbury</i>	p22	294/June 96##
Colin Barry	Station File: Hornby (includes yard plan)	p24	294/June 96##
Brent Hopley	Layout Ideas: Modelling Hornby	p26	294/June 96##
Colin Barry	Report: Christchurch NZR Modellers	p28	294/June 96##
Kevin Crosado	Rail history: The evolution of wagon handgrips and footsteps	p29	294/June 96##
Graham Radcliffe	Fifties Focus: Christchurch c1950 – Kb969 and mixed, Ec7 with postal, A475, view from Madras St Bridge	p32	294/June 96##
Rod Murgatroyd	Signalling: North Junction and signals diorama	p34	294/June 96##
	Trade news: Car & Wagon, South Dock, Bay Line, Online, Precision Railcrafts, ChCh Model Supplies	p37	294/June 96##
Darryl Bond	90s Rail: Wellington – Manawatu – Northerner, DX5258/DX5172/DC4012, Otaki Bridge, Aotea Quay	p38	294/June 96##
	Book Reviews	p40	294/June 96##
	Profile: Bill Pierson (Ironhorse Hobbies)	p40	294/June 96##
Ian Galbraith/Peter Hodge	Photos: Dg751 crossing Kau Creek, twinset railcar passing Beach Loop (both 3/16 or 1:64 scale)	Back	294/June 96##
Dick Billington	Photo: Dunedin tram scene modelled by Lester Hopkins	Cover	295/Aug 96##
Lester Hopkins	1:32 Layout: Dunedin tram and cable car nostalgia	p6	295/Aug 96##
Brian McKenzie	Prototype: Clip-on tank wagon conversion	p11	295/Aug 96##
Jeff Driver	Bits 'n' Bobs: News, views and items of interest: Guild 50 th Jubilee	p13	295/Aug 96##

Ken Devlin	90s NZ Rail: 1295,2353,4260,4375,4496,4542,5068,5229,5235,5402,6035,8007,30071,30203,30232	p14	295/Aug 96##
Gavin Sowry	1:64 Layout: Tararua	p16	295/Aug 96##
Kevin Crosado	Journal Jewels: Colin Zeff's 1:64-scale J class 2-6-0	p19	295/Aug 96##
Kevin Crosado	Plan, text and Photo: Waratah fence posts	p20	295/Aug 96##
Wayne Haste	Locomotivry: Made in Haste – O99, a scratchbuilt Baldwin 2-8-0	p21	295/Aug 96##
	Plan and photos: NZR O class 2-8-0, Baldwin of 1885	p22	295/Aug 96##
Maurie Duston	Perspective: 50 Years of the Journal	p24	295/Aug 96##
Peter Hodge	Perspective: Ninety not out, highlights for the history of modelling New Zealand railways	p27	295/Aug 96##
John Agnew	Our Heritage: We 4-6-4Ts – 377 Lower Hutt 1906, Elmer Lane 1944, 376 1942, 198 Greymouth 1940	p27	295/Aug 96##
Peter Hodge/Evan James	Structures: Easy Buildings	p30	295/Aug 96##
John Agnew	Our Heritage: We class 4-6-4Ts – 376 1947 and 1954, 375 1944 and 1949	p32	295/Aug 96##
Peter Hodge	Station File: Kaitoke (includes yard plan)	p34	295/Aug 96##
	Trade news: Station Road, Kelmarna, South Dock, Chosen Scale, Precision Railcrafts, Car & Wagon	p37	295/Aug 96##
	Postbag	p37	295/Aug 96##
	Internet	p37	295/Aug 96##
Kevin Crosado	Fifties Focus: Taihape – southbound goods, view south, loco depot	p37	295/Aug 96##
	Profile: Graham Selman (North Yard)	p40	295/Aug 96##
	Book Reviews	p40	295/Aug 96##
Neil Price	Photo: F232 on Brian Eastergaard's Notown 9 Mil (1:34) scale layout	Cover	296/Oct 96##
Colin Barry	Review: JG Models Wa kit (Wa298)	p6	296/Oct 96##
Terry Bradley	Journal Jewels: Kiwi Lager and Tranz Rail Dc's	p10	296/Oct 96##
Brian Roulston/Glen Anthony	Techniques: A train at a time sheep wagons – mass production from styrene	p11	296/Oct 96##
John Agnew	Our Heritage: Small Bagnalls Shannon, Pakihi, Christchurch gasworks. Barclay/Peckett Auckland Gas	p14	296/Oct 96##
Colin Barry	Station File: Lincoln (includes yard plan)	p16	296/Oct 96##
Roy Sinclair	Journal Author: Colin Barry	p19	296/Oct 96##
Bill & Wayne Cousins	90s NZ Rail: EF3007 Ongarue, DX5016/DC4375 Makatote, DX5080/5097 Raurimu, DX5431 Taumarunui	p19	296/Oct 96##
Brian Eastergaard	1:34 Layout: Notown, shelf layout based on NZ West Coast	p22	296/Oct 96##
Peter Hodge	Perspective: Ninety not out, highlights for the history of modelling New Zealand railways	p27	296/Oct 96##
Brian Cross	Techniques: Bogmaster remembers earl days of resin casting	p29	296/Oct 96##
John Agnew	Our Heritage: Ab809 Amberley, Ab615 Belfast, Ab610 Motukarara, Ab776 Aylesbury	p30	296/Oct 96##
Paul Andersen-Gardiner	Perspective: Undertaking oral history	p32	296/Oct 96##
	Profile: Kelvin Barry (KB Workshops)	p34	296/Oct 96##
	Trade News	p34	296/Oct 96##

	Review: 1996 calendars	p35	296/Oct 96##
	Review: Model Company 7mm scale Model TT truck kit and figures,	p36	296/Oct 96##
	Postbag	p36	296/Oct 96##
	Reports: Christchurch and Wellington train shows, Pokaka	p37	296/Oct 96##
Glen Anthony/Raoul Quinn	Photos: Otago Model Engineers' portable 1:64 layout, Bert's Garage in 7mm scale by The Model Company	Back	296/Oct 96##
Lawrence Boul	Photo: Lawrence Boul's prize winning model of a 1:64-scale 1890s 44ft car	Cover	297/Dec 96##
Raoul Quinn/Bob Carline	1:64 Layout: The North Shore MRC's Waitemata & Chelsea Railway	p6	297/Dec 96##
Lawrence Boul	Journal Jewels: Lawrence Boul's 44ft elevated roof car	p12	297/Dec 96##
Terry Bradley	Techniques: Decalling	p13	297/Dec 96##
Paul Berntsen	Techniques: Reviving decals	p15	297/Dec 96##
Kevin Crosado	Rail history: Kaukapapa revisited	p15	297/Dec 96##
	Fifties Focus: Taranaki trains – Bb109, Bb109/Ab708, Ww557/Wf467/Wf380, Ja1290	p16	297/Dec 96##
Paul Napier	Structures: A New Zealand sawmill – researching and building the model in 9 Mil (1:34) scale	p18	297/Dec 96##
Glen Robertson/Kevin Crosado	Plan, text and photos: Dd class car transporter	p23	297/Dec 96##
John Agnew	Our Heritage: Early Picton – Wharf scene, first station, G55	p26	297/Dec 96##
Paul Berntsen	Locomotivery: Building 'Annie' in 7mm (1:43) scale (includes plan)	p28	297/Dec 96##
Rob Murgatroyd	Electrics: Simple signalling systems: A look at the electronic options	p31	297/Dec 96##
	Journal Author: Rod Murgatroyd	p33	297/Dec 96##
Glen Anthony	90s NZ Rail: Tunnel Motors – Springfield, Heathcote, duct details, Lyttelton	p34	297/Dec 96##
J A T Terry	Station File: Rotowaro (includes yard plan)	p36	297/Dec 96##
	Book Reviews: <i>Always a Tram in Sight</i>	p39	297/Dec 96##
	Internet	p39	297/Dec 96##
	Reviews: NZ Finescale 1:64 carriage end details	p39	297/Dec 96##
	Postbag	p40	297/Dec 96##
	Trade news: South Head, Model Company, Railmaster Exports, Precision Railcrafts, South Dock, Online	p40	297/Dec 96##
	Profile: John & Doreen Agnew (Railmaster Exports)	p41	297/Dec 96##
	Report: Christchurch train show	p42	297/Dec 96##
Raoul Quinn	Photos: Two scenes on the North Shore MRC's Waitemata & Chelsea Railway	Back	297/Dec 96##
Kevin Crosado	Photo: Russell Postlewaight's B304 and Ken Cousins' B303 double heading	p6	298/Feb 97##
Wayne Cousins	1:64 Layout: Modern Image	p6	298/Feb 97##
Bill Cousins	Fences: Making post and wire fences and gates	p9	298/Feb 97##
John Agnew	Fifties Focus: Rebuilt Aa's: Hutt shops, Raetihi, Marton, Waiouru	p12	298/Feb 97##

Paul Berntsen/Raoul Quinn	Locomotivery: B303 in 1:34 scale	p14	298/Feb 97##
Wayne Brindle	Techniques: Solving the cowcatcher/Kadee coupler problem	p16	298/Feb 97##
Brian Eastergaard	Techniques: Adapting 1:24-scale figures	p17	298/Feb 97##
Keith & Mike Edwards	Journal Jewels: 1:64-scale Df6254	p21	298/Feb 97##
Brian Eastergaard	Plan, text and photos: Wellington single truck, double deck trams	p22	298/Feb 97##
Peter Hodge	Our Heritage: WMR 10 (Ob456), 11 (Ob455), 6 (V450) and 3 (Wj466)	p24	298/Feb 97##
Rhys Batchelor	Locomotivery: Suggestions for locomotives to convert to NZ120	p26	298/Feb 97##
Rhys Batchelor	Journal Author: Rhys Batchelor	p28	298/Feb 97##
Glen Robertson	Plan, text and photos: FM guard's van	p29	298/Feb 97##
Jeff Driver	Report: Guild Jubilee	p31	298/Feb 97##
Kevin Crosado	Layout Ideas: Nowhere in particular – standard yard plans	p32	298/Feb 97##
Ken Devlin	Nineties NZ Rail: Fruit salad days – DXs Tumai, DFs Allanton, DCs and DXs Seacliff	p34	298/Feb 97##
Keith Collins	Review: Kensey plastic track and turnout sleepers	p36	298/Feb 97##
Kevin Crosado	Book Review: <i>NZ Railways Freight Rolling Stock Plan Book Volume One.</i>	p36	298/Feb 97##
	Postbag	p36	298/Feb 97##
	Profile: Terry Bradley (Car & Wagon Graphics)	p39	298/Feb 97##
	Club News: Christchurch, Auckland	p39	298/Feb 97##
	Obituary: Hugh Bennett	p39	298/Feb 97##
	Photos: The Model Company's B303, B303 (Ken Cousins) and B304 (Russell Postlewaight) in 1:64 scale	Back	298/Feb 97##
Peter Ross	Photo: Ford Model railcar R5 in 1:64 scale	Front	299/Apr 97##
Les Downey	1:64 Layout: Fifties North Line Avondale Railway	p6	299/Apr 97##
Peter Ross	Scenicking: Dry long grass	p13	299/Apr 97##
Peter Ross	Journal Author: Peter Ross	p15	299/Apr 97##
Graham Radcliffe	Nineties Rail: Marlborough '96: DC Elevation, DF6044/6162 Picton, DX5385/DC4035, express Dashwood	p16	299/Apr 97##
Paul Napier	Road vehicles: GMC Trucks of the NZR	p18	299/Apr 97##
Colin Barry	Station File: Cascade (Buller Gorge)	p21	299/Apr 97##
Ken Cassells	Fifties Focus: South Island West Coast – A578 Westport, B303 Reefton, Ikamatua Sawmills, B304 Inangahua	p24	299/Apr 97##
Paul Berntsen	Tools: Buildings from photos	p26	299/Apr 97##
Mike Harper	Journal Jewels: Kb 967 in 1:64 scale	p29	299/Apr 97##
Kevin Crosado	Plan, text and photos: Curve boards	p30	299/Apr 97##
Glen Robertson/Peter Hodge	Plan, text and photos: Price Da 0-4-0 2ft gauge tractors	p32	299/Apr 97##
Kevin Crosado	Our Heritage: St Helens, Seddonville, Westport-Cardiff Coal Co Chasm Creek early 1900s	p34	299/Apr 97##

	Trade news: GT Carter, Bay Line, Kelmarna, City Depot, Springfield Models	p36	299/Apr 97##
	Internet	p36	299/Apr 97##
Colin Zeff	Review: Springfield Q-3 steel coal hopper kit	p37	299/Apr 97##
	Postbag	p37	299/Apr 97##
	Profile: Ken Cousins (On Line Models)	p38	299/Apr 97##
	Photos: Peter Ross's Wf401 passing dry grass, Michael Harper's Kb967 on the Midland Line	Back	299/Apr 97##
Ed Dunn	Photo: Scene on Colorado and Otaki Forks	Front	300/Jun 97##
Ed Dunn	1:22.5 Layout: Colorado and Otaki Forks	p6	300/Jun 97##
Peter Ross	Journal Jewels: Wf 401 in 1:64 scale	p9	300/Jun 97##
Brian Roulston	Techniques: A train at a time – moulding and casting Lc wagons in 1:64 scale	p10	300/Jun 97##
Jack Creber	Fifties Focus: Waitara Branch – Ww671 Waitara freezing works, Ww561 Waitara loco shed, Lepperton	p16	300/Jun 97##
Kevin Crosado	Plan, text and Photo: Permanent speed boards	p18	300/Jun 97##
Peter Hodge	Station File: Manakau (includes yard plan)	p19	300/Jun 97##
John Agnew	Our Heritage: Taumarunui – 1920s/1930s general views	p22	300/Jun 97##
Lawrence Boul	Car & wagon: Building white metal kits	p24	300/Jun 97##
John Scoble/Kevin Crosado	Prototype: Lc highside wagons	p26	300/Jun 97##
Ken Devlin	Mainland movements – DX5385/DFT7010/DC4726, DX5206, DBR1226, Dj3096, Clinton, Mataura, Bluff, Clutha	p30	300/Jun 97##
Chris Walker	Photos: Master model – 1:24 scale 1920s portable compressor	p32	300/Jun 97##
	Trade news: South Dock, Springfield Models, Nine Mill Models, Kensey Plastics, Precision Railcrafts, JG Models	p36	300/Jun 97##
John Hey	Review: Online Jp canopy wagon kit	p36	300/Jun 97##
Peter Hodge	Book review: Bob Hopkirk, <i>Along the Tracks with Great Little Trains</i>	p37	300/Jun 97##
	Internet	p37	300/Jun 97##
	Reports: Model-Wai, Big 'n' Little, Convention 98 train shows	p37	300/Jun 97##
	Postbag	p38	300/Jun 97##
	Obituaries: Harry Welch, Dave Reddick	p38	300/Jun 97##
	Photos: Wayne Haste's Railmaster Wg492, Colorado & Southern freight on Ed Dunn's G scale layout	Back	300/Jun 97##
Mike Harper	Photo: Railmaster Dj1256	Cover	301/Aug 97##
Glen Anthony	NZ120 Layout: Coach tour to model railway – layout to promote tourism	p6	301/Aug 97##
Lawrence Boul	Car & wagon: Assembling whitemetal Q-5 hopper wagon kits part one	p9	301/Aug 97##
John Agnew/Kevin Crosado	Otago branch lines: Outram, Hindon, Wingatui	p14	301/Aug 97##
Brian Roulston	Techniques: A train at a time – moulding and casting Lc wagons in 1:64 scale	p16	301/Aug 97##
Peter Ross	Perspective: NZR Couplers – a nearly-good idea	p20	301/Aug 97##

Peter Ross	Plan: NZR "middle period" centre coupler	p20	301/Aug 97##
Glen Robertson	Plan and photos: GSX Containers	p23	301/Aug 97##
Mike Harper	Journal Jewels: 60ft loco shed in 1:64 scale	p25	301/Aug 97##
Bob Kessler	Nineties NZ Rail: Eo swan-song – Toshibas at Otira	p26	301/Aug 97##
Colin Barry	Station File: Southbridge (includes yard plan)	p28	301/Aug 97##
Neil Andrews	Trees: Making ferns and pungas	p31	301/Aug 97##
Paul Berntsen	Locomotivery: Lagging at home – modelling lagged pipes	p35	301/Aug 97##
Trev Terry	Fifties Focus: Ww638, Df1505, Wab764, De512, Auckland, Otahuhu, Newmarket	p36	301/Aug 97##
Keith Collins	Techniques: Doors and windows in styrene	p38	301/Aug 97##
Bryan Lawrence	Review: Springfield Xa-5 fruit wagon kit	p40	301/Aug 97##
Rhys Batchelor	Review: Dynamic Diesels NZ120 freight bogies	p40	301/Aug 97##
Colin Barry	Book Review: <i>South Island Branch Lines</i>	p41	301/Aug 97##
Peter Hodge	Book Review: <i>Around Dunedin by Cable Car and Tram in the 50s</i>	p41	301/Aug 97##
Graeme Butler	Review: Peco Streamline 12mm gauge track	p41	301/Aug 97##
Peter Hodge	Book Review: <i>Journeying with Railways in NZ</i>	p42	301/Aug 97##
	Postbag	p42	301/Aug 97##
	Internet	p43	301/Aug 97##
	Clubs: Auckland	p43	301/Aug 97##
	Reports: Bush Tramway Modellers, Manawatu, Big 'n' Little Show, Convention 98 train shows	p43	301/Aug 97##
Mike Harper/Kevin Crosado	Photos: Mike Harper's Railmaster Dj1256, Terry Bradley's Railmaster De505. Both 1:64 scale	Back	301/Aug 97##
Peter Cumming	Photo: J121 enters Loars Bush on Trevor McMurdo's 1:64 Taurangi Branch	Front	302/Oct 97##
Trevor McMurdo/Peter Cumming	1:64 Layout: The Taurangi Branch	p6	302/Oct 97##
Trevor Cheer/Kevin Crosado	Journal Jewels: Wa165 in 1:34 scale	p10	302/Oct 97##
Graham Dredge	Electrics: Locomotive lighting made easy	p11	302/Oct 97##
Stu Brown	Fifties Focus: Palmerston North, Ka953, Bb?, Standard railcar RM35, Drewry railcar RM101	p14	302/Oct 97##
Peter Hodge	Station File: Tiakitahuna (includes yard plan)	p16	302/Oct 97##
Brian Eastergaard	Weathering: Whether or not to weather	p17	302/Oct 97##
Brett Grinder	Road vehicles: Modifying diecast vehicles	p20	302/Oct 97##
Barry Fitzgerald	Road vehicles: Land Rover in 1:64 scale	p21	302/Oct 97##
John Scoble	Nineties NZ Rail: Flat wagon UR1092/EAS16, highsider SH70; coal hoppers CB11269 ex CF1044, CC193	p24	302/Oct 97##
Lawrence Boul	Car & wagon: Whitmetal Q-5 hopper wagons part two – detailing	p26	302/Oct 97##
Paul Mahoney collection	Plan and photos: PWD8102 standard flag station	p30	302/Oct 97 ##
Kevin Crosado	Our Heritage: Cape Foulwind Railway	p32	302/Oct 97##

Kevin Crosado	Plan, text and photos: Temporary speed boards	p34	302/Oct 97##
Darryl Palmer	Locomotivry: Scratchbuilding TR782 in 1:64 scale	p37	302/Oct 97##
	Trade news: Bay Line, Chosen Scale, Nine Mill, Car & Wagon, Model Company, Online, South Dock, Ironhorse	p39	302/Oct 97##
	Other news: Bush tramway modellers, 1:34 Dubs A, Pokaka, Guild Jubilee	p39	302/Oct 97##
	Reviews: Scale rule, NZ120 FM van	p40	302/Oct 97##
	Book Review: NZR Wagon Plan Book, Journal compendium (index), 1998 calendars	p40	302/Oct 97##
	Postbag	p41	302/Oct 97##
Peter Cumming/Kevin Crosado	Photos: Ab730 on Trevor McMurdo's Taurangi Branch, Brian Eastergaard's 1:34-scale workman's hut	Back	302/Oct 97##
Bill Cousins	Photo: Vulcan railcar RM52 on Bill Cousin's North Canterbury layout	Front	303/Dec 97##
John Rappard/Don Weston	NZ120 Layout: Otago railway scenes	p6	303/Dec 97##
Bill Cousins	Journal Jewels: Colour light signal gantry in 1:64 scale	p11	303/Dec 97##
Kevin Crosado	Our Heritage: Early wharf to ship coal handling, Wellington, Opuia, Westport	p12	303/Dec 97##
Trevor Cheer	Car & wagon: Double door cattle wagons in 1:34 scale	p14	303/Dec 97##
Ian Galbraith	Report: Guild 50 th Jubilee	p19	303/Dec 97##
Jack Creber	Fifties Focus: U51 on the Outram Branch	p20	303/Dec 97##
Ken Cousins	Car & wagon: Scratchbuilding Ubc and Uct bulk cement and tallow wagons in 1:64 scale	p22	303/Dec 97##
Jim Dangerfield	Station File: The Dunedin - Mosgiel Railway (includes track plan)	p24	303/Dec 97##
Peter Ross	Perspective: Realism – it seems to be snowballing	p29	303/Dec 97##
Bob Kessler	Nineties NZ Rail: Track Maintenance, ballast machines and wagons	p30	303/Dec 97##
Paul Napier	Locomotivry: Modelling Driving Creek Railway's Mouse, Possum, Snake and Co in 1:34 scale	p32	303/Dec 97##
Ken Cassells	Plan, text and photos: Westfield Freezing Company's 0-6-0ST	p35	303/Dec 97##
	Trade news: Bay Line, Kelmarna, Model Company	p37	303/Dec 97##
	Book Review: <i>Fares Please</i>	p37	303/Dec 97##
	Reviews: Fiducia tram kit, 1:43 scale log bogies	p37	303/Dec 97##
	Postbag	p38	303/Dec 97##
	Scenicking: Nineties road signs (1:64 scale in colour)	Back	303/Dec 97##
Lawrence Boul	Photos: Loading wool at Port Nelson	Front	304/Feb 98##
Kerry Thompson	1:64 Layout: Nelson to Port Nelson	p6	304/Feb 98##
John Agnew	Our Heritage: Nelson stock for scrapping – Wf62 Motupiko, Dun Mountain bus, Wf departing	p12	304/Feb 98##
Colin Barry	Techniques: Water columns from Plastruct	p14	304/Feb 98##
Maurie Duston	Fifties Focus: Hutt Valley Suburban Steam – Taita, Woburn, Melling	p16	304/Feb 98##
Russell Postlewaight	Locomotivry: Ww684 from Railside 1:64 kit	p18	304/Feb 98##

Wayne Haste	Locomotivery: Made in Haste – Frateschi to a Tee (T106 in 1:64 scale)	p19	304/Feb 98##
John Robinson	Plan and photos: T102	p20	304/Feb 98##
Rod Murgatroyd	Bits & bytes: Internet surfing with Rod	p22	304/Feb 98##
Peter Ross	Techniques: Pin it, Dear Henry, pin it!	p23	304/Feb 98##
Wayne Brindle	Techniques: Reliable running – setting up chassis	p24	304/Feb 98##
Kevin Crosado	Plan, text and photos: Mile and kilometre posts	p25	304/Feb 98##
Peter Hodge	Nineties NZ Rail: Otaki ballast, DC4415 Putaruru, DC4225/4035, DJ3096 Kinleith,	p26	304/Feb 98##
Evan James	Structures: Cobden shunter's hut in 1:34 scale	p28	304/Feb 98##
Trevor Cheer	Wagon loads: Sawn timber	p29	304/Feb 98##
Terry Bradley	Our Heritage: Standard railcar bogies	p30	304/Feb 98##
Russell Smith	Obituary: Bill Rogers	p32	304/Feb 98##
	Book Review	p32	304/Feb 98##
	Trade news: Bay Line, Von Strapp, Model Company, Online, Car & Wagon	p32	304/Feb 98##
	Postbag	p33	304/Feb 98##
	Reviews: Kensey styrene, CVP DCC	p34	304/Feb 98##
Lawrence Boul/Kerry Thomson	Photos: Two scenes on the Nelson to Port Nelson layout	Back	304/Feb 98##
Evan James	Photo: Belmont loco depot on Evan James's early 1900s 1:34-scale layout	Front	305/Apr 98##
John Hey	Car & wagon: Building Lw wagons in 1:64 scale	p6	305/Apr 98##
Graeme Butler	Profile: Introducing Your New Editor	p9	305/Apr 98##
Paul Berntsen	1:43 Layout: Realism – a comment on the possible	p10	305/Apr 98##
John Agnew	Fifties Focus: Ngaurukehu – Ka946, crossing, Ka943, K919	p12	305/Apr 98##
Evan James	1:34 Layout: Belmont Loco Depot	p14	305/Apr 98##
John Agnew	Our Heritage: Kakahi – L219/D198, L209, Raurimu – K919, Ka944	p16	305/Apr 98##
Rhys Batchelor/Darryl Bond	Bits & bytes: DCC for the rest of us	p18	305/Apr 98##
John Agnew/Jack Creber	Station File: Ngaurukehu (includes yard plan)	p21	305/Apr 98##
Bill Cousins	Nineties NZ Rail: Dc4588 Awakaponga, Dc4692, Df6133, Df621 Murupara	p22	305/Apr 98##
Phil Rzoska	Prototype: Coupler height	p24	305/Apr 98##
Graeme Butler	Bridges: Kopuawhara viaduct model	p25	305/Apr 98##
John Agnew	Fifties Focus: A607 Napier; Ww481, X444, Ww490 Gisborne; Ab747 Woodside, Wf Greytown	p26	305/Apr 98##
Peter Ross	Tools: Of bars and wine boxes (fitting cab window coal bars)	p28	305/Apr 98##
Trevor Cheer	Wagon loads: Flat wagons	p29	305/Apr 98##
Graeme Butler	Prototype: Priestman coal grab Invercargill	p30	305/Apr 98##
Terry Bradley	Perspective: 9mm (1:34) scale track standards	p31	305/Apr 98##

Jeff Driver	Bits 'n' Bobs	p32	305/Apr 98##
	Book Review	p33	305/Apr 98##
	Postbag	p33	305/Apr 98##
	Trade news: Railmaster Exports, Online	p33	305/Apr 98##
Raoul Quinn	Photo: Price C on the Waitemata & Chelsea Railway	Back	305/Apr 98##
Raoul Quinn	Photo: 1:64 Layout: Kerosine Creek scene	Front	306/Jun 98##
Graeme Butler	Perspective: Scale? Gauge?	p6	306/Jun 98##
	Profiles: Guild's new president and vice president (Glen Robertson/Keith Collins)	p9	306/Jun 98##
Paul Berntsen	Layout Ideas: News from the Eastern Front – space for a layout	p10	306/Jun 98##
	NZAMRC convention competition results	p12	306/Jun 98##
Peter Hodge	Fifties Focus: Ongarue bush jiggers and lokeys	p14	306/Jun 98##
Terry Bradley	Report: Convention '98: Waitakere convention	p16	306/Jun 98##
Graeme Butler	Plan, text and photos: A & G Price Model 13 diesel hydraulic	p19	306/Jun 98##
Evan James	Structures: Concrete buildings in 1:34 scale	p22	306/Jun 98##
Bill Cousins	Added detail: Numbers on bridges and tunnels	p24	306/Jun 98##
Ken Cousins	Locomotivery: Building F39 in 1:64 scale	p26	306/Jun 98##
Graham Dredge	Electrics: Train tail lighting made easy	p27	306/Jun 98##
Terry Bradley	Our Heritage: Shaft and belt City – inside a period railway workshop	p28	306/Jun 98##
Terry Bradley	Prototype: From the shunting manual	p30	306/Jun 98##
Jeff Driver	A message from the Driver: News roundup	p32	306/Jun 98##
	Postbag: Kevin Crosado – NZR drawgear height	33	306/Jun 98##
	Review	p34	306/Jun 98##
	Trade news: Model Company, Car & Wagon, Bay Line, Prsn Railcrafts, Online, South Dock	p34	306/Jun 98##
	Book Review	p35	306/Jun 98##
	Photos: Wayne Brindle's winning model of a Grafton Road boarding house in 1:64 scale	Back	306/Jun 98##
Terry Bradley	Photo: Scene on Ken Cousins' 1:64 layout	Front	307/Aug 98##
Lawrence Boul	Car & wagon: The fastest Fell van in the west	p6	307/Aug 98##
Terry Bradley	Station File: Piako (includes yard plan)	p10	307/Aug 98##
Graham Baker	NZ120 Layout: Making a start	p12	307/Aug 98##
Terry Bradley	Fifties Focus: Around Auckland – Wab771, Wab770/Df, Wab802	p14	307/Aug 98##
Paul Napier	Plan and text: Whanganui river boats part one	p16	307/Aug 98##
Bob Hopkirk	Perspective: Place names for NZ modellers part one	p18	307/Aug 98##

Terry Bradley	Plan, text and photos: Wab764	p19	307/Aug 98##
Paul Berntsen	Layout Ideas: News from the Eastern Front – baseboard construction	p22	307/Aug 98##
Paul Anaru	Operation: Some thoughts	p23	307/Aug 98##
Bill Cousins	Added detail: Dereliction and decay	p24	307/Aug 98##
Evan James	Bits & bytes: Website guide	p26	307/Aug 98##
Brian Eastergaard	Layout Ideas: Realism checklist	p27	307/Aug 98##
John Agnew	Our Heritage: WMR – Manning Wardle 2 and 4, Original 10, Bc463/Wj466	p28	307/Aug 98##
	Postbag	p30	307/Aug 98##
	Trade news: South Dock, Von Strapp, Majik,	p34	307/Aug 98##
	Review: North Yard gearboxes	p35	307/Aug 98##
Jeff Driver	A message from the Driver: News roundup	p36	307/Aug 98##
Paul Berntsen/Phil Rzoska	Journal Jewels: 1:34-scale model of DS94	Back	307/Aug 98##
Raoul Quinn	Photo: De512 heads wooden cars past a Blue Streak railcar on the North Shore MRC's layout	Front	308/Dec 98##
Paul Napier	Photos and text: Whanganui river boats part two: Ongarue	p6	308/Dec 98##
John Agnew	Fifties Focus: Around Wellington – Wab800, Ww673, Ww571. Petone, Lower Hutt, Wellington	p8	308/Dec 98##
Bob Hopkirk	Perspective: Place names for NZ modellers part two	p10	308/Dec 98##
Kevin Crosado	Road vehicles: Austin stock truck	p11	308/Dec 98##
Paul Napier	Plan: Whanganui river boat Ongarue	p12	308/Dec 98##
Paul Berntsen	Layout Ideas: News from the Eastern Front – tracklaying/hidden sidings	p14	308/Dec 98##
Bill Cousins	Added detail: Retaining walls	p16	308/Dec 98##
	Postbag	p18	308/Dec 98##
	Book Reviews	p19	308/Dec 98##
Railways Publicity	Photos: Four-wheeled railcars RM20 and RM21	Back	308/Dec 98##
Graeme Butler photo	Photo: A scene on Peter Cameron's 1:32-scale East Coast Railway	Front	309/Feb 99##
Glen Robertson	Prototype: Why railway bridges look the way they do	p6	309/Feb 99##
Evan James	Tools: Modelling with CAD	p10	309/Feb 99##
John Agnew	Fifties Focus: Lyttelton boat trains	p12	309/Feb 99##
John Agnew	Rail history: Lyttelton boat trains – When the Jackaroo became the Centennial Train	p14	309/Feb 99##
Terry Bradley	Plan, text and photos: Hunslett 0-6-0 Y542	p15	309/Feb 99##
Evan James	Bits & bytes: Marshalling the Cyberspace yard	p19	309/Feb 99##
Paul Berntsen	Scenicking: News from the Eastern Front – scenery, etc.	p20	309/Feb 99##
Terry Bradley	Prototype: Sidings and wagon lengths	p23	309/Feb 99##
Bill Cousins	Added detail: Flange lubricators	p24	309/Feb 99##

	News, views and Reviews	p26	309/Feb 99##
Jeff Driver	From the Driver's side	p26	309/Feb 99##
	Trade news: Model Company, South Dock	p27	309/Feb 99##
Terry Bradley	Photos: TR148 at National Park	Back	309/Feb 99##
Bill Cousins	Photo: Ab617 arriving at Springside (1:64 scale)	Front	310/Mar 99##
Bob Hepburn	Bridges: Modelling the Firewood Creek trestle in 1:64	p6	310/Mar 99##
	Profile: Bob Hepburn	p7	310/Mar 99##
Bob Hepburn	Fifties Focus: Waikato coalfields excursion – Bb635, Firewood Creek trestle	p10	310/Mar 99##
Evan James	Road vehicles: From Russia with Love – building a 1920s-era petrol tanker in 1:34 scale	p12	310/Mar 99##
Phil Yates	Weathering: Shadow chasing brings models to life	p13	310/Mar 99##
Graeme Butler	Photos: Greytown revisited	p14	310/Mar 99##
Terry Bradley	Plan, text and photos: The Tin Hares (Wairarapa railcars)	p15	310/Mar 99##
Paul Berntsen	Perspective: News from the Eastern Front – inspiration	p19	310/Mar 99##
Evan James	Bits & bytes: Marshalling the Cyberspace yard	p20	310/Mar 99##
Michael Gee	Perspective: And now for something a little smaller (1:160 NZR modelling)	p21	310/Mar 99##
Andrew Shelley	Self-propelled: A bush jigger in HOn2.5 (1:87)	p22	310/Mar 99##
Bill Cousins	Added detail: House and garden	p24	310/Mar 99##
	Profile: Evan James	p26	310/Mar 99##
	Postbag	p27	310/Mar 99##
	Reviews	p27	310/Mar 99##
	Trade news: Ironhorse, Bay Models, KB Workshops	p28	310/Mar 99##
	Images of the Eighties: Weathered DAs	Back	310/Mar 99##
Lawrence Boul	Photo: One arm McKenzie & Holland semaphore signal in 1:64-scale	Front	311/Apr 99##
Keith Collins	Trackwork: True scale NZR pointwork part 1	p6	311/Apr 99##
Peter Ross	Journal Jewels: Colin Barry's 1:64-scale loco depot	p10	311/Apr 99##
John Whyte	1:34 Diorama: The country garage	p12	311/Apr 99##
Peter Ross	Perspective: The cat came back (1:64 NZR Couplers)	p14	311/Apr 99##
John Dudson	Road vehicles: 1:64-scale cars of American origin part 1	p18	311/Apr 99##
Paul Berntsen	Tips and hints: News from the Eastern Front – loose ends	p20	311/Apr 99##
John Agnew	Our Heritage: Early 20th Century Greymouth (includes track plan)	p21	311/Apr 99##
Peter Ross	Plan, text and photos: Locomotive fittings Part 1 – Electric Headlights	p26	311/Apr 99##
Colin Barry/Peter Ross	Prototype: Winslow - an interesting experiment	p28	311/Apr 99##

Kevin Crosado	Text and Photos: Those Winslow Qs	p29	311/Apr 99##
Bob Stott	Scenicking: Sowing grass with a bit of puff (static grass)	p30	311/Apr 99##
Bob Stott	Structures: Railway gates (includes prototype info)	p32	311/Apr 99##
Peter Ross	Perspective: Pushing the Boundaries – 1:64 Finescale wheels	p33	311/Apr 99##
	Reviews: NZ Finescale signal kit	p36	311/Apr 99##
	Trade news: Online, Von Strapp, Model Company, Precision Railcrafts, NZ Finescale	p37	311/Apr 99##
	Clubchat: Christchurch, Juniors, The Hobby Shoppe	p38	311/Apr 99##
	Obituary: Sydney Naish	p39	311/Apr 99##
	Postbag	p39	311/Apr 99##
Brian Whebell	Fifties Focus: Shiny engines in Auckland, DSC402/DA1406	Back	311/Apr 99##
Peter Ross	Photo: Two of Graham Venning's fine 1:64-scale 50ft steel panelled passenger cars	Front	312/Jun 99##
Graham Venning	Car & wagon: An upgrade for your passenger services (50ft steel cars)	p6	312/Jun 99##
Brian Cross/Wayne Haste	Fifties Focus: The Silverstream bridge	p12	312/Jun 99##
Evan James	Clubchat: Christchurch, Wellington, Timaru, convention	p14	312/Jun 99##
Peter Ross	Perspective: Pushing the boundaries – 1:64-scale etched rods	p15	312/Jun 99##
Peter Ross	Tools: Wheel Quartering – getting driving wheels right	p17	312/Jun 99##
Bob Hepburn	Bridges: Waikohu combined road/rail bridge in 1:76	p18	312/Jun 99##
Glen Robertson/Tranz Rail/Karl Morris	Plan, text and photos: ZC curtain-side box wagon	p22	312/Jun 99##
Kevin Crosado	Prototype: Bridge bits (extracts from NZR manual)	p25	312/Jun 99##
Bryan Lawrence/Graham Radcliffe	Our Heritage: Dunedin – B/Ww on platform crossover, pneumatic point motors	p28	312/Jun 99##
Bob Stott	Tools: The photocopier as a modelling tool	p30	312/Jun 99##
Brian Eastergaard	Prototype: Wire ropes and their use in the bush	p32	312/Jun 99##
Keith Collins	Trackwork: True scale NZR pointwork part 2	p35	312/Jun 99##
	Photos: DD wagon and RoadRailer update	p37	312/Jun 99##
	Report: Modeller's Festival 99, Bernard Weller	p38	312/Jun 99##
	Reviews	p39	312/Jun 99##
Jeff Driver	From the Driver's side	p40	312/Jun 99##
	Trade news: Model Company, North Yard, Trackside Details, Chosen Scale	p40	312/Jun 99##
	Postbag	p40	312/Jun 99##
Peter Ross/Graham Venning	Journal Jewels: 1:64-scale models – WA289/steel cars	Back	312/Jun 99##
Wayne Brindle	Photo: Award winning boarding house in 1:64	Front	313/Aug 99##
Wayne Brindle	Structure: The Grafton Road boarding house	p6	313/Aug 99##

Peter Ross	Nineties NZ Rail: QR locomotives Middleton	p12	313/Aug 99##
John Whyte/Raoul Quinn	Plan: 143 Grafton Road	p14	313/Aug 99##
Paul Berntsen	Tools: News from the Eastern Front – scrawking guide	p17	313/Aug 99##
Kevin Crosado	Fifties Focus: Taihape in 1958	p18	313/Aug 99##
Andrew Wells	Tools: Toggle clamps make useful jig	p20	313/Aug 99##
Karl Morris	Plan, text and photos: VRA temperature-controlled wagons	p21	313/Aug 99##
Glen Robertson/Tranz Rail	Plan: VRA wagon	p22	313/Aug 99##
Keith Collins	Trackwork: True scale NZR pointwork part 3: Blades and frogs	p25	313/Aug 99##
Gerald Petrie	Plan, text and photos: Loco Profile – L91, Avonside 1199 of 1877	p29	313/Aug 99##
Colin Barry/Peter Ross	Our Heritage: Darfield, first and second stations, goods shed L91	p32	313/Aug 99##
John McCurdy	Car & wagon: 1:64 track cleaning car	p34	313/Aug 99##
Kevin Crosado	Obituary: Peter Hodge	p36	313/Aug 99##
Paul Napier	Photo and plan: First NZR Hi-rail truck	p38	313/Aug 99##
	Clubchat: Auckland	p39	313/Aug 99##
	Trade news: Bay Line, JG Models, Precision Railcrafts, Trackside Details	p39	313/Aug 99##
Jeff Driver	From the Driver's side	p39	313/Aug 99##
	Postbag	p40	313/Aug 99##
Peter Hodge/Wayne Brindle	Photos: 9mm Valley Tramway, Grafton Road boarding house	Back	313/Aug 99##
Raoul Quinn	Photo: The Kerosine Creek Heisler passing Nailer's engine shed	Front	314/Oct 99##
John Whyte	1:64 Layout: Raoul Quinn's <i>Kerosine Creek</i> bush tram	p6	314/Oct 99##
Bob Hepburn	Fifties Focus: Moutohora Branch bridges	p12	314/Oct 99##
Lawrence Boul	Tools: Resistance is useless - resistance soldering	p14	314/Oct 99##
Max Maginness	Weathering: Dying to try some weathering? (wood stain)	p17	314/Oct 99##
Joe Boardman	Trackwork: Cross over points – new frogs for old turnouts	p18	314/Oct 99##
Jeff Driver	Modeller's diary	p20	314/Oct 99##
Karl Morris/Glen Robertson/Tranz Rail	Plan, text and photos: ZG plug-door box wagons	p21	314/Oct 99##
Peter Ross	Perspective: Fifteen years of Our Heritage	p25	314/Oct 99##
John Agnew	Our Heritage: Early 1900s Dannevirke and the Hutt Valley	p26	314/Oct 99##
Bob Stott	Structures: Fencing for fun	p28	314/Oct 99##
Barry/Tucker/Radcliffe/Ashman	Signalling: Signals for Dummies part one – lower quadrant semaphores	p30	314/Oct 99##
	Trade news: Station Road, Nine Mill, North Yard	p35	314/Oct 99##
	Club News	p35	314/Oct 99##
	Reviews: 2000 calendars	p35	314/Oct 99##

	Postbag	p36	314/Oct 99##
	Obituary: Barry Hamilton	p38	314/Oct 99##
Raoul Quinn	Photos: <i>Kerosine Creek</i> tramway	Back	314/Oct 99##
Max Maginness	Photo: Puponga Coal and Gold Mining Company in 1:64	Front	315/Dec 99##
Donald Goodman	1:64 Layout: <i>Coalhill</i> – An impression of the Denniston Incline	p6	315/Dec 99##
Andrew Wells	Tools: Buying a lathe and mill	p10	315/Dec 99##
John Agnew/Graham Radcliffe	Fifties Focus: Marton to Aramoho, Ka941, Ka934, Aramoho bridge, X591	p12	315/Dec 99##
Jim Smith	Structures: The butcher's shop at Ongaonga (1:64, includes plan)	p14	315/Dec 99##
Colin Barry	Station File: Winslow (includes yard plan)	p18	315/Dec 99##
Bernie Willis	Tools: How good is your eyesight, how steady your hand (railer)	p21	315/Dec 99##
Peter Ross	Perspective: Convention 2000's very special guest (Tony Koester)	p22	315/Dec 99##
Karl Morris	Plan, text and photos: ZBP class pulp wagons	p23	315/Dec 99##
Kevin Crosado	Plan, text and photos: Type 14 bogie	p26	315/Dec 99##
Dave Parker	Bits & bytes: Darned Clever Control aka DCC	p28	315/Dec 99##
Peter Ross	Tools: Low-tech wheel quartering	p30	315/Dec 99##
Max Maginness	Journal Jewels: Puponga Coal and Gold Mining Company bins	p31	315/Dec 99##
Kevin Crosado	Our Heritage: The Mount Egmont Branch	p32	315/Dec 99##
Barry, Ashman and Tucker	Signalling: Signals for Dummies part two – disc signals and points indicators	p34	315/Dec 99##
Kevin Crosado	Prototype: NZR level crossings part 1 (plan, text and photos)	p37	315/Dec 99##
	Trade news: Grey Trainz, Trackside 120, Cross Creek, Trackside Details, Online	p39	315/Dec 99##
	Report: Bush Tramway modeller's weekend	p40	315/Dec 99##
	Review	p40	315/Dec 99##
	Postbag: NZR couplers	p41	315/Dec 99##
	Members' Survey	p42	315/Dec 99##
	Nineties NZ Rail: Some colours of the '90s (signage on wagons)	p45	315/Dec 99##
Kevin Crosado/Raoul Quinn	Photos: P133 in 1:64/Country garage in 1:34	Back	315/Dec 99##
Peter Ross	Photo: Railway houses in Carmen Rd on Roger Bennetts' 1:64-scale TALMR module	Front	316/Feb 00##
Peter Ross	1:64 Layout: The TALMR story part one, Roger Bennetts' modules	p6	316/Feb 00##
Wayne Brindle	Structures: The Astoria Hotel	p14	316/Feb 00##
Max Maginness	Bridges: A built-beam bridge in 1:64 scale	p16	316/Feb 00##
Karl Morris/Glen Robertson	Plan, text and photos: IceLiners	p21	316/Feb 00##
Reece Gibson	Car & wagon: Building a 1:64-scale Iceliner	p26	316/Feb 00##

Colin Barry	Loco File: F277 the Hungerford F	p28	316/Feb 00##
Graham Dredge	Electrics: Build an Easi-Tester	p31	316/Feb 00##
Ken Ashman/Peter Ross/Rachel Tucker	Signalling: Signals for Dummies part three – mechanical signals wrap up	p32	316/Feb 00##
	Plan: Standard independent disc signal drawing S.1868	p36	316/Feb 00##
	Plan: Standard point indicator drawing S.1894	p37	316/Feb 00##
	Obituary: Bob McCully	p38	316/Feb 00##
	News, views and Reviews	p39	316/Feb 00##
	News, views and Reviews	p39	316/Feb 00##
	News, views and Reviews	p39	316/Feb 00##
Peter Ross	Photos: Roger Bennetts' 1:64 TALMR modules	Back	316/Feb 00##
Peter Ross	Photo: Colin Barry's TALMR engine shed scene in 1:64	Front	317/Apr 00##
Bryan Lawrence/Colin Barry	1:64 Layout: The TALMR story part two, Bryan Lawrence and Colin Barry's modules	p6	317/Apr 00##
Graham Radcliffe/Peter Ross	The Last Decade: DBR locomotives 1213 and 1239	p14	317/Apr 00##
Peter Ross	Tools: Wonderful, wonderful (Vernier) callipers	p16	317/Apr 00##
Graham Venning	Wagon loads: Coal	p18	317/Apr 00##
	Rail history: Rail heritage news	p18	317/Apr 00##
Joe Boardman	Car & wagon: The right connections (corridor connections)	p19	317/Apr 00##
Karl Morris	Plan, text and photos: ZBV class box wagons	p21	317/Apr 00##
Colin Barry	Prototype: Makikihi trolley shed	p25	317/Apr 00##
Kevin Crosado	Plan, text and photos: Drawing 2442 iron highside wagons (includes road numbers)	p26	317/Apr 00##
Bob Hepburn	Fifties Focus: More on the Moutohora Branch	p32	317/Apr 00##
Bob Hopkirk	Electrics: A semi-automatic reversing loop	p34	317/Apr 00##
Ross Barkley/Peter Ross	Road Vehicle: 1974 Mazda ute – a toy of distinction	p34	317/Apr 00##
Reuben Romany	Perspective: Modelling NZR on N Gauge Track: The NZI20 story ... so far	p36	317/Apr 00##
Kevin Crosado	Our Heritage: Hikurangi swamp drainage	p38	317/Apr 00##
	Trade news: Trackside Details, Trackside 120, Bay Line, South Dock	p40	317/Apr 00##
	Reviews	p40	317/Apr 00##
	Postbag	p40	317/Apr 00##
Lawrence Boul	Photos: Nicely weathered 1:64-scale Q-5 hopper wagon	Back	317/Apr 00##
Ken Cousins	Photo: Online model of DBR1200 in 1:64	Front	318/Jun 00##
Karl Morris	Report: The Christchurch 2000 Convention in retrospect	p6	318/Jun 00##
Colin Fortune	Photos: Convention 2000 layouts	p8	318/Jun 00##

Peter Ross	Perspective: Convention 2000 clinics	p11	318/Jun 00##
Peter Ross	NZAMRC model competition report/results	p12	318/Jun 00##
Peter Ross	Report: Finescale SIG	p12	318/Jun 00##
Brian Eastergaard	Humour: How to get it going	p15	318/Jun 00##
John Agnew	Fifties Focus: Yard work – Foxton, Stirling, powder wagon, improved F	p16	318/Jun 00##
Andrew Wells	Techniques: DIY decals	p18	318/Jun 00##
Les Downey	Perspective: NZR in Oz – the sequel	p20	318/Jun 00##
Karl Morris	Plan, text and photos: ZD class box wagons	p21	318/Jun 00##
Joe Boardman/Graham Dredge	Electrics: Carriage Lighting: Northerner lights	p24	318/Jun 00##
Andrew Hewitt	The Last Decade: South Island trains –Wairio, Waitati, Oaro, Ashburton	p28	318/Jun 00##
Peter Ross [ed]	Signalling: Signals for dummies part four – three -position colour light signals	p30	318/Jun 00##
	Trade news: Trackside, Grey Trainz, Railmodel, ChCh Model Centre, Car Works, South Dock	p35	318/Jun 00##
John Agnew	Fifties Focus: Baldwin survivors – Q and Aa class Pacifics	p36	318/Jun 00##
	Review: EZ Line	p39	318/Jun 00##
	Postbag	p39	318/Jun 00##
	Profiles: New Executive	p40	318/Jun 00##
Colin Fortune	Photos: Competition winners – Lawrence Boul's 1:64 coaling crane and iron L wagon	Back	318/Jun 00##
Lawrence Boul	Photo: 1:64 South Head coaling crane	Front	319/Aug 00##
Lawrence Boul	Car & wagon: Building the South Head Models coaling crane	p6	319/Aug 00##
Colin Barry/Peter Ross/John Scoble	The Last Decade: GT, USQ and ZA wagons	p10	319/Aug 00##
Damien Philippsen	Locomotivery: The story of DC4513	p12	319/Aug 00##
Dene Woermann	Structures: Home, sweet home – period cottages in NZ120	p14	319/Aug 00##
Evan James	Structures: Low relief in the city – brick and plaster shop fronts in 1:34	p16	319/Aug 00##
Ian Roberts	Structures: Small shops – DPM fronts on scratchbuilt shops in 1:64	p19	319/Aug 00##
Kevin Crosado	Plan, text and photos: Pneumatic coaling cranes (includes list of numbers)	p20	319/Aug 00##
Peter Ross (ed)	Signalling: Signals for dummies part five – other uses for three-position signals (including CTC)	p27	319/Aug 00##
Colin Barry/John Gardener	Fifties Focus: Shed scenes – loco depot atmosphere	p28	319/Aug 00##
Rod Murgatroyd	Bits & bytes: Internet goodies	p31	319/Aug 00##
Reuben Romany	Report: NZ120	p31	319/Aug 00##
Andrew Wells	Tools: Cutting foam plastic	p34	319/Aug 00##
	Profiles: New Executive: Graham Selman, Andrew Wells, Andrew Stevens, Ken Cousins, Ken Clough	p35	319/Aug 00##
	Profiles: New Executive: Graham Dredge, Neville Connew, David Siddens	p36	319/Aug 00##
	Trade news: woods Works, Trackside, Grey Trainz	p36	319/Aug 00##

	Book Review	p37	319/Aug 00##
	Postbag	p38	319/Aug 00##
Kevin Crosado	Photos: John Hey's prize winning LW wagons in 1:64	Back	319/Aug 00##
Raoul Quinn	Photo: Heisler on Raoul Quinn's 1:64 Kerosine Creek bush tram layout	Front	320/Oct 00##
Reece Gibson	Car & wagon: There's more than one way to build a ZH wagon in 1:64	p6	320/Oct 00##
John Agnew/Peter Ross	Our Heritage: Midland Railway cars and vans	p11	320/Oct 00##
Bob Stott	Structures: Bunnythorpe's old pub in 1:64	p14	320/Oct 00##
Dave Parker	Bits & bytes: DCC Clinic – decoder doctor	p17	320/Oct 00##
Peter Ross	Report: It's what we do on Sundays	p18	320/Oct 00##
Karl Morris/ Glen Robertson	Plan, text and photos: ZH box wagons	p20	320/Oct 00##
Bob Hepburn	Fifties Focus: Moutohora Branch	p24	320/Oct 00##
Colin Barry	Station File: Duntroon (includes yard plan)	p26	320/Oct 00##
John Agnew/Peter Ross	Our Heritage: Midland Railway cars and vans	p32	320/Oct 00##
D M Cole	Plan: NZR 22ft ex Midland Railway brake van	p34	320/Oct 00##
Nelson Kennedy	Car & wagon: 22ft Midland van in 1:34	p35	320/Oct 00##
	Guild News	p36	320/Oct 00##
	Trade news: South Dock, Steam Machine, Woods Works, North Yard, Trackside 120	p36	320/Oct 00##
	Reviews: Woods Works stripwood, Siberia to the Sea	p36	320/Oct 00##
	Report: Guildex 2000	p37	320/Oct 00##
Dave Parker	Bits & bytes: DCC News	p38	320/Oct 00##
John Smythe	Photos: Duntroon, Maerewhenua Siding	Back	320/Oct 00##
Ken Cousins	Photo: Online 1:64-scale Bb	Front	321/Dec 00##
Rod Murgatroyd/Peter Ross	Electrics: DCC-safe points	p6	321/Dec 00##
Dave Parker	Bits & bytes: DCC news	p8	321/Dec 00##
Andy May	Added detail: 1:64-scale figures – a survey of what's available and how to adapt	p9	321/Dec 00##
	The Last Decade: The painted lady – DC4346 in Tasman Forestry colours	p12	321/Dec 00##
Max Maginness	Bridges: Northern Pacific bridge	p14	321/Dec 00##
John Dudson	Road vehicles: 1:64-scale vehicles for the modern era	p16	321/Dec 00##
	Fifties Focus: Bridge 116 North Auckland line – small timber truss	p18	321/Dec 00##
	Reader Feedback: More on pneumatic coaling cranes	p20	321/Dec 00##
Karl Morris/ Glen Robertson	Plan, text and photos: The ubiquitous UK wagon	p21	321/Dec 00##
	Plan: UK wagon painting and lettering diagram	p26	321/Dec 00##

Paul Napier	Prototype: New Zealand hi-rail vehicles part one	p27	321/Dec 00##
John Agnew	Lineside: Country stores – Ormondville, Pauatahanui, Bainham (Langford's)	p30	321/Dec 00##
Ken Clough	Report: Auckland model build weekend at Ken Cousins'	p32	321/Dec 00##
	Guild News	p36	321/Dec 00##
	Report: Wellington area modellers	p36	321/Dec 00##
	Report: Auckland area modellers	p37	321/Dec 00##
	Reviews	p37	321/Dec 00##
John Agnew	Photos: Langford's General Store and Post Office, Bainham	Back	321/Dec 00##
Peter Cummings	Photo: Arauatu Station in 1:64 scale	Front	322/Feb 01##
David McCallum	1:64 Layout: Arauatu portable layout	p6	322/Feb 01##
Peter Ross	Loco Depots: Then and now – Linwood, Middleton	p13	322/Feb 01##
John Agnew	Our Heritage: Building the Toko Branch (Stratford to Okahukura) Davenport/Wd locos	p14	322/Feb 01##
Max Maginness	Techniques: Photographing the Rewanui 1:64 layout	p16	322/Feb 01##
Dave Parker	Bits & bytes: DCC news	p19	322/Feb 01##
Brian Eastergaard	Techniques: Artist's acrylics in modelling	p20	322/Feb 01##
Karl Morris/Glen Robertson	Plan, text and photos: UKW turntable wagon	p22	322/Feb 01##
Andrew Wells	Techniques: DIY cork roadbed	p25	322/Feb 01##
Paul Woods	Plans, text and photos: The Ruawai dairy factory	p26	322/Feb 01##
Paul Napier	Prototype: New Zealand hi-rail vehicles part two	p32	322/Feb 01##
	Guild News	p36	322/Feb 01##
	Trade news: NZ Finescale, Santa Fe, City Depot, Bay Line, CMD	p36	322/Feb 01##
	Reviews	p37	322/Feb 01##
	Report: Auckland NZR modellers	p37	322/Feb 01##
	Postbag	p38	322/Feb 01##
Paul Mahoney	Photo: Ormondville General Store c1890	p39	322/Feb 01##
Peter Cummings/Max Maginness	Photos: 1:64 DJ3050 crossing the Arauatu River/Max Maginness's 1:64 Rewanui Station	Back	322/Feb 01##
Trevor Cheer	Photo: Close-up of 1:34 Uga wagon	Front	323/Apr 01##
Trevor Cheer	Car & wagon: Ug and Uga-4 wagons in 1:34 scale	p6	323/Apr 01##
Glen Robertson	Added detail: Railway clutter	p9	323/Apr 01##
John Agnew	Our Heritage: The leaving of Wellington town behind steam	p10	323/Apr 01##
Graham Dredge	Electrics: Train-tripped timer circuit	p12	323/Apr 01##
Dave Bentley	Structures: Ormondville Station – my version	p14	323/Apr 01##

Kevin Crosado	The Last Decade: Modern turnout, Wadestown, April 2000	p18	323/Apr 01##
Kevin Crosado	Plan, text and photos: Drawing X25112 Ug-4 horseboxes	p20	323/Apr 01##
	Plan: UG and UGA wagons, body X25112	p22	323/Apr 01##
Doric Mahon/Trev Terry	Station File: Ngatira (includes yard plan)	p27	323/Apr 01##
Dave Parker	Bits & bytes: DCC news	p32	323/Apr 01##
Paul Napier	Prototype: New Zealand hi-rail vehicles part three	p33	323/Apr 01##
	Guild News	p36	323/Apr 01##
	Trade news: City Depot, Car & Wagon, Model Company, Von Strapp, Bay Line, Prn Railcrafts	p36	323/Apr 01##
	Reviews	p37	323/Apr 01##
	Postbag	p37	323/Apr 01##
	Club Chat: Auckland	p37	323/Apr 01##
Russell Postlewaight	Associate of Honour: Brian Cross, modelling innovator	p39	323/Apr 01##
Alec Fenton	Photos: Modern image 1:64 wagons – Loaded UR and convention placed ZBV	Back	323/Apr 01##
Bill Cousins	Photo: Level crossing on Bill Cousins' 1:64 layout	Front	324/Jun 01##
Noel Cresswell	NZ120 Layout: Marlborough	p6	324/Jun 01##
Bill Cousins	Road vehicles: 1:64 Kiwi trucks	p10	324/Jun 01##
Graham Dredge	Bits & bytes: NZ_Railchat Yahoo Group – Coloured threads	p15	324/Jun 01##
Bob Hepburn	Fifties Focus: Moutohora Branch – Anzac Bridge, Waikohi, Toko, Puha	p16	324/Jun 01##
Evan James	Added detail: Power lines in 1:34	p18	324/Jun 01##
Ken Cousins	Locomotivery: Wf Rebuilds – the final chapter	p20	324/Jun 01##
Mark Cole/Ken Cousins/Karl Morris	Text and Photos: DBR locomotives	p21	324/Jun 01##
Alec Fenton	Plan: DBR locomotive	p24	324/Jun 01##
Trevor Terry/Kevin Crosado	Station File: Ngatira part 2 (includes water vat plan)	p26	324/Jun 01##
Mike Lough	Prototype: Tuatapere coaling crane	p31	324/Jun 01##
Paul Napier	Prototype: New Zealand's hi-rail vehicles part four	p32	324/Jun 01##
Colin Barry	Prototype: Orari ganger's hut	p35	324/Jun 01##
	Guild News	p36	324/Jun 01##
	Trade news: NZ Finescale, Von Strapp, Model Company, TopMark, Trackside, EtchCetera	p37	324/Jun 01##
	Postbag	p38	324/Jun 01##
Lester Hopkins/Evan James	Photos: First electric tramway car in 1:32, 1:34-scale G57 shunts Belmont Harbour	Back	324/Jun 01##
Ken Cousins	Photo: Railmaster 1:64 DC in Tranz Rail black/yellow scheme	Front	325/Aug 01##
Lawrence Boul	Signalling: Modelling 1:64 semaphore signals	p6	325/Aug 01##

Dave Bentley	Structures: Ormondville – The goods shed	p11	325/Aug 01##
John Agnew/Ken Clough	Our Heritage: Manawatu trains – F184 Feilding, Ud464 Longburn, Wf/Wb Palmerston North	p14	325/Aug 01##
Peter Smith	Electrics: Motorising turnouts economically	p16	325/Aug 01##
Rod Murgatroyd	Tools: Kick those soldering woes	p18	325/Aug 01##
NZRLS archives/Karl Morris	Prototype: 1973 NZR emblem/logo	p21	325/Aug 01##
Karl Morris	Plan, text and photos: TB/TBC containers and their derivatives	p22	325/Aug 01##
Paul Mahoney	Station File: Part three – The Ngatira tram	p26	325/Aug 01##
Kevin Crosado	Plan: Ngatira log bogie	p31	325/Aug 01##
Ken Clough	Photo quiz	p32	325/Aug 01##
Paul Napier	Prototype: New Zealand's hi-rail vehicles part five	p33	325/Aug 01##
	Guild News	p34	325/Aug 01##
	Trade news: NZF, Attic, Car & Wagon, Branchlines, Online, Railmaster Export, Trackside	p35	325/Aug 01##
	Club News: Taranaki, Wellington	p36	325/Aug 01##
	Postbag	p36	325/Aug 01##
Paul Berntsen	Obituary: Tony (Jeep) Halling	p37	325/Aug 01##
Ray Mathewson	Photos: Ngatira Sawmill scenes	Back	325/Aug 01##
Darryl Bond	Photo: NZ120 three-loco diesel lash-up in New York	Front	326/Oct 01##
Darryl Bond	NZ120 Layout: Size isn't everything	p6	326/Oct 01##
John Agnew/Kevin Crosado	Fifties Focus: Last days on the Nelson Section – Nelson, Tapawera, Glenhope	p10	326/Oct 01##
Dave Parker/Ken Clough	Bits & bytes: Dr David's DCC discourse	p12	326/Oct 01##
Keith Collins	Trackwork: Railway curves (using chords and offsets)	p14	326/Oct 01##
John Dudson	Road vehicles: Ford trucks in 1:64 scale	p15	326/Oct 01##
Ken Cousins	Car & wagon: Assembling the 1:64 Online Yd wagon	p19	326/Oct 01##
Ken Clough	Products: A visit from TopMark Products	p20	326/Oct 01##
	Plan: Yd-1 wagon, BPs X25744, X25830, X26340, X26341, X26342	p22	326/Oct 01##
	Plan: Yd painting and lettering diagram	p24	326/Oct 01##
Kevin Crosado	Prototype: 1949-50 series Yd air-dump wagons	p25	326/Oct 01##
Paul Napier	Prototype: New Zealand's hi-rail vehicles part six	p32	326/Oct 01##
	Guild News	p34	326/Oct 01##
	Trade news: North Yard, NZF, Royal Philatelic Soc, Ace Toys, Majik, Trackside, High Level	p34	326/Oct 01##
	Reviews: 1:64 ES four-wheel wagon kit, The Great Northern, the story of the Waiau Branch	p36	326/Oct 01##
	Postbag	p37	326/Oct 01##
Darryl Bond	Photos: Diesel hauled NZ120 trains on Darryl Bond's New York layout.	Back	326/Oct 01##

Bill Cousins	Photo: 1:64 Ab617 with short goods in North Canterbury	Front	327/Dec 01##
Lawrence Boul	Electrics: Space-age semaphore operation	p6	327/Dec 01##
Colin Barry	Prototype: Where was that loco – 1962 South Island locomotive allocations	p9	327/Dec 01##
Kevin Crosado	Our Heritage: Building the Napier-Gisborne line	p10	327/Dec 01##
Graham Dredge	Tools: Hot wire styrene cutter – one Sunday, one hour, zero dollars	p12	327/Dec 01##
	Plan and photos: 6000 gallon water vats	p14	327/Dec 01##
Colin Barry/Peter Dyer	Loco File: Barclay 1753/PWD 551 (includes plan)	p16	327/Dec 01##
Keith Collins	Trackwork: Building NZR double points, part 1	p21	327/Dec 01##
	Journal Jewels: Ian Robertson's New Plymouth Boon tram in 1:24	p25	327/Dec 01##
Ken Lankshear	Fifties Focus: Waitaanga logging equipment	p26	327/Dec 01##
Kevin Crosado/Tranz Rail	Plan and photos: Nippon Sharyo bogie X28020	p28	327/Dec 01##
Paul Napier	Prototype: New Zealand's hi-rail vehicles part six	p30	327/Dec 01##
David Parker	Bits & bytes: DCC news	p34	327/Dec 01##
	Guild News	p34	327/Dec 01##
	Trade news: Bay Line, Trackside, Majik	p35	327/Dec 01##
	Postbag	p36	327/Dec 01##
Kevin Crosado	Photo: Manunui Four Square Store, 1990 + Four Square signage artwork	Back	327/Dec 01##
Kevin Crosado	Photo: The Model Company's 1:34-scale brass model of Da1425	Front	328/Feb 02##
Jill Boul	Car & wagon: To L and back (iron L wagon)	p6	328/Feb 02##
Brett Grinder	Road vehicles: On and off the road in 1:64	p11	328/Feb 02##
Bob Hepburn	Fifties Focus: Moutohora Branch – Ww679 Makaraka, Ormond, Waipaoa, Ab710/735	p12	328/Feb 02##
Dave Bentley	Structures: Building a typical NZR house (Precision Railcrafts)	p14	328/Feb 02##
Karl Morris	The Last Decade: DSC shunter's refuges	p16	328/Feb 02##
Peter Smith	Electrics: Electronic detection of turnout position	p18	328/Feb 02##
Kevin Crosado	Plan, text and photos: Class F X27360 37½ft guard's van	p21	328/Feb 02##
Keith Collins	Trackwork: Building NZR double points, part 2	p29	328/Feb 02##
Paul Napier	Prototype: New Zealand's hi-rail vehicles part eight	p32	328/Feb 02##
Dave Parker	Bits & bytes: DCC news	p32	328/Feb 02##
	Guild News	p35	328/Feb 02##
	Trade news: NZF, Etch Cetera, Woodland Scenics, Cross Creek, Scenery Unlimited, Trackside	p36	328/Feb 02##
	Postbag	p37	328/Feb 02##
Kevin Crosado/Ian McKay	Photos: 1:34-scale Da1425 by The Model Company & ors, F1975 37.5ft van	Back	328/Feb 02##

Kevin Crosado	Photo: 1:64 Wf386 crossing the Port Craig bridge	Front	329/Apr 02##
Bob Stott	Locomotivery: Bob's thirty-hour Climax Type A	p6	329/Apr 02##
Paul Woods	Products: Scale rail and related issues	p11	329/Apr 02##
John Agnew/Kevin Crosado	Our Heritage: D149 Picton, F146 Nelson, PWD503 Otoko, Moutohora 1917	p12	329/Apr 02##
Karl Morris	Report: 2002 Lower Hutt convention	p14	329/Apr 02##
Peter Ross	Perspective: Competition comment 2002	p16	329/Apr 02##
Kevin Crosado	Photos: Model competition	p17	329/Apr 02##
	Plan: DG locomotive drawing X45101	p22	329/Apr 02##
Kevin Crosado	Text and Photos: NZR Dg locomotives	p24	329/Apr 02##
	Plan and photos: Dg locomotive bogie	p28	329/Apr 02##
	NZAMRC model competition results	p31	329/Apr 02##
Paul Napier	Prototype: New Zealand's hi-rail vehicles part nine	p32	329/Apr 02##
	Plan and photos: Hitachi ZAXIS70 excavator	p34	329/Apr 02##
	Guild News	p36	329/Apr 02##
	Trade news: NZF, Trackside, Ironhorse, Northeastern	p36	329/Apr 02##
	Club News: Wellington	p38	329/Apr 02##
	Reviews	p35	329/Apr 02##
	Postbag	p40	329/Apr 02##
Kevin Crosado/Raoul Quinn	Photos: Bob Stott's 1:64-scale Climax A; 1:64 Kerosine Creek Heisler and Price lokeys	p40	329/Apr 02##
Brett Grinder	Photo: 1:64-scale 30ft "tin belly" van from an Online kit	Front	330/Jun 02##
Ian Robertson	1:24 Layout: City Depot Tramway	p6	330/Jun 02##
Bob Hepburn	Fifties Focus: Moutohora Branch – Bb169, Ab702 Matawai, Rakauora, Ab831 Tahora viaduct	p10	330/Jun 02##
Ken Cousins	Car & wagon: 1:64 Z class nursery wagon (includes prototype info)	p12	330/Jun 02##
John Whyte	Structures: 1:34 Yeager's Store	p14	330/Jun 02##
Robin Knight	Locomotivery: Aa + X = (use of Adachi chassis)	p14	330/Jun 02##
John Agnew/Kevin Crosado	Lineside: Main North Line station buildings, Sefton, Ethelton	p16	330/Jun 02##
	Journal Jewels: Brett Grinder's 30ft van from Online kit	p18	330/Jun 02##
Keith Collins	Trackwork: Building NZR slip points, part one	p19	330/Jun 02##
	Plan: Improved (recabbed) Dg locomotive X54254	p22	330/Jun 02##
Kevin Crosado	Text and Photos: Improved (recabbed) Dg locomotives	p24	330/Jun 02##
Paul Napier	Prototype: NZ's hi-rail vehicles part ten	p30	330/Jun 02##
Peter Smith	Electrics: Simple reverse loop wiring	p34	330/Jun 02##

	Guild News	p35	330/Jun 02##
	Trade news: Model Company, Bayline, Trackside, NZF, North Yard	p35	330/Jun 02##
	Reviews	p36	330/Jun 02##
	Postbag	p36	330/Jun 02##
Trevor Cheer/Reid McNaught	Photo: John Whyte's 1:34 Four Square store; Z1610 in Wallis's Nurseries livery	Back	330/Jun 02##
Peter Ross	Photo: Roger Bennetts' 1:64 DFT7295 on a short train near Weedons	Front	331/Aug 02##
Rod Murgatroyd	NZ120 Layout: Rolleston Junction – a portable display layout	p6	331/Aug 02##
Dave Bentley	Weathering: Road vehicles	p13	331/Aug 02##
Kevin Crosado	Our Heritage: NZR F class locos – Avonside 1087/1092, Dubs 1884, Stephenson 2085/6	p14	331/Aug 02##
	Plan: NZR F class locomotive	p16	331/Aug 02##
Ken Cousins	Locomotivry: Pioneer 1:64 NZR F kit updated	p16	331/Aug 02##
Grant Morrell	Locomotivry: 16 hours and where have I got? (Online F)	p18	331/Aug 02##
Colin Barry	Plan, text and photos: Otira Samson post	p19	331/Aug 02##
Kevin Crosado	Station File: Paki Paki part one (includes station plan and yard plans)	p20	331/Aug 02##
	Plan: Standard drawing, fourth class railway station	p22	331/Aug 02##
Peter Ross	Rail history: Petrol cases and other stories part one	p27	331/Aug 02##
Keith Collins	Trackwork: Building NZR slip points part two	p30	331/Aug 02##
Peter Ross	Report: Another TrainZ success	p33	331/Aug 02##
	Guild News	p34	331/Aug 02##
	Trade news: North Yard, Etch Cetera, Precision Railcrafts, Grantham House	p34	331/Aug 02##
	Reviews	p35	331/Aug 02##
	Postbag	p35	331/Aug 02##
Peter Ross	Photos: Two views of Roger Bennetts' Bumble Bee 1:64 DXC/DFT combination	Back	331/Aug 02##
Peter Ross	Photo: Barry Fitzgerald's 1:64 Ww684 emerging from the Brunner Tunnel	Front	332/Sep 02##
Graham Venning	Car & wagon: Building the South Dock birdcage car part one	p6	332/Sep 02##
	Journal Jewels: Grant Morrell's 1:64 four-wheel oil tank wagon	p11	332/Sep 02##
Peter Hodge	Fifties Focus: Standard railcars on the Foxton Branch	p12	332/Sep 02##
Paul Berntsen	Hints and tips: Poms and Trevs	p14	332/Sep 02##
Peter Smith	Electrics: Building a working signalling system part one	p16	332/Sep 02##
	Tools: scaling plans	p17	332/Sep 02##
Paul Napier	Plan, text and photos: Wellington City Council battery-electric locomotive No.3	p18	332/Sep 02##
Karl Morris	Plan, text and photos: Milk tank wagons (LSM/OM combination)	p20	332/Sep 02##

Glen Robertson/Tranz Rail	Plan: LSM milk container on OM wagon	p22	332/Sep 02##
Kevin Crosado	Station File: Paki Paki part two	p24	332/Sep 02##
Peter Ross	Rail history: Petrol cases and other stories part two	p28	332/Sep 02##
Peter Ross	Photo: Crun's Garage in 1:64	p33	332/Sep 02##
Keith Collins	Trackwork: Building NZR slip points part three	p34	332/Sep 02##
	Guild News	p37	332/Sep 02##
	Trade news: NZ Finescale, Trackside, Railmaster Exports, Hammond's	p37	332/Sep 02##
	Reviews	p38	332/Sep 02##
	Postbag	p38	332/Sep 02##
Peter Ross	Photos: Two scenes on Lawrence Bouls's 1:64 Brunner layout	Back	332/Sep 02##
Grant Morrell	Photo: 1:64 F class on fertiliser train	Front	333/Dec 02##
David Siddens	Weathering: Masterpiece A601 and La wagons (includes NZR tarpaulins)	p6	333/Dec 02##
Peter Smith	Electrics: Building a working signalling system part two	p9	333/Dec 02##
Colin Barry	Our Heritage: Edgar Stanley – a crane driver's photographs, 1928 on	p10	333/Dec 02##
Robin Knight	Photos, text and 1:64 models: M wagons with huts	p12	333/Dec 02##
Graham Venning	Car & wagon: Building the South Dock birdcage car part two	p14	333/Dec 02##
	The Last Decade: Fairlie Branch remnants in 2002	p18	333/Dec 02##
Karl Morris/Glen Robertson/Tranz Rail	Plan, text and photos: IC container wagons	p20	333/Dec 02##
Kevin Crosado	Plan, text and photos: NZRC type 16A steering bogie	p24	333/Dec 02##
Mike Hartle	Locomotivery: Dg760 in 7-1/4" gauge	p26	333/Dec 02##
Kevin Crosado	Station File: Paki Paki part three	p28	333/Dec 02##
Keith Collins	Trackwork: Building NZR slip points part four	p32	333/Dec 02##
	Guild News	p35	333/Dec 02##
	Trade news: North Yard, Model Company, NZF, Von Strapp, Railmaster Exports	p35	333/Dec 02##
	Reviews	p38	333/Dec 02##
	Postbag	p38	333/Dec 02##
Peter Ross/Grant Morrell	Photos: 1:64 passenger cars by Graham Venning; Grant Morrell's 1:64 tarpaulined La wagons	Back	333/Dec 02##
David Siddens/Grant Morrell	Photo: J1214 on Grant Morrell's 1:64 Hanaroa to Wicklow layout	Front	334/Feb 03##
Brett Grinder	Journal Jewels: Brett Grinder's 1:64 Da and Scenic Daylight on the NSMRC layout	p4	334/Feb 03##
David Siddens	1:64 Layout: Grant Morrell's Hanaroa to Wicklow Railway	p6	334/Feb 03##
Kevin Crosado	Our Heritage: Troup stations – Masterton, Temuka, Bluff	p14	334/Feb 03##
Darryl Palmer	Car & wagon: KST curtainsiders (includes plan and prototype photos)	p16	334/Feb 03##

Les Cook/Kevin Crosado	Plan, text and photos: Alldays & Onions inspection car	p20	334/Feb 03##
Kevin Crosado	Station File: Kaiwarra (includes plan and yard plan)	p22	334/Feb 03##
Peter Smith	Electrics: Building a working signalling system part three	p26	334/Feb 03##
Kevin Crosado	Station File: Paki Paki part four (includes bridge plan and details)	p28	334/Feb 03##
Keith Collins	Trackwork: Building NZR curved points part one	p31	334/Feb 03##
Kevin Crosado	Photo: Original Kaiwarra Station	p32	334/Feb 03##
	Guild News	p33	334/Feb 03##
	Trade news: NZF, HONZ, Trackside, Bay Line	p33	334/Feb 03##
	Reviews	p34	334/Feb 03##
	Postbag	p36	334/Feb 03##
	Photos: Evolution of the curtainsider	p45	334/Feb 03##
	Photos: Station noticeboard and scale posters	Back	334/Feb 03##
Bill Cousins	Photo: An A class Pacific at Springside Station on Bill Cousins' 1:64-scale layout	Front	335/Apr 03##
Kevin Crosado/Raoul Quinn/John Whyte	Journal Jewels: 1:43 Pakarae Fire Station and WWII vintage fire trailer	p2	335/Apr 03##
Paul Berntsen	Locomotivery: 1:34-scale Napier Harbour Board Fowler 0-4-0T No.6	p6	335/Apr 03##
Peter Dyer	Plan: Napier Harbour Board Fowler 0-4-0T No.5	p8	335/Apr 03##
Bob Hepburn	Fifties Focus: Napier Harbour Board Fowlers	p16	335/Apr 03##
Graham Dredge	Electrics: How fast, how far? (speed/distance recorder wagon)	p18	335/Apr 03##
Karl Morris/ Glen Robertson/Tranz Rail	Plan, text and photos: S class day-cars (rebuilt BR MkIID/E cars)	p20	335/Apr 03##
Graham Selman	Plans: Journal plans list, part one	p24	335/Apr 03##
David Sims	Our Heritage: C850 Addington, Ab611 Riccarton, Ab617 Mina, A409 Waipara	p26	335/Apr 03##
Peter Smith	Electrics: Building a working signalling system part four	p28	335/Apr 03##
Colin Barry	Plan and photos: Greymouth Samson post	p30	335/Apr 03##
Keith Collins	Trackwork: Building NZR curved points part two	p31	335/Apr 03##
	Guild News	p33	335/Apr 03##
	Trade news: NZ Finescale, Majik, Trackside	p33	335/Apr 03##
Peter Ross	Report: Christchurch NZR Modellers	p34	335/Apr 03##
	Report: Hamilton Model Railroaders	p34	335/Apr 03##
	Reviews	p35	335/Apr 03##
	Obituaries: Ewan Mackintosh, John Herbert	p35	335/Apr 03##
	Postbag	p36	335/Apr 03##
Graham Radcliffe	Photos: Invercargill single slip; Lyttelton interlaced turnouts	p36	335/Apr 03##
Bob Hepburn	Fifties Focus: Napier harbour Board Fowlers in colour	p43	335/Apr 03##

Kevin Crosado	Photos: 1:34-scale twinset railcar built by John Gardener	Back	335/Apr 03##
Kevin Crosado	Photo: 1:34 B304 on Forest Lakes bridge on the Auckland 9 Mil layout	Front	336/Jun 03##
Roger Bennetts/Peter Ross	Journal Jewels: Black and blue Tranz Rail diesels in 1:64 scale	p2	336/Jun 03##
Peter Ross	Trackwork: Weighting and waiting for quieter, more realistic track	p6	336/Jun 03##
	Plan: 1928 sleeper-spacing	p13	336/Jun 03##
Bob Hepburn	Fifties Focus: Moutohora Branch – Ab702 Te Karaka, Ja1289, Ww481, Ab826 Gisborne	p14	336/Jun 03##
Stuart Walker	Perspective: Getting back into modelling at 45	p16	336/Jun 03##
Ken Clough	Perspective: Diversions (modelling real scenes)	p18	336/Jun 03##
Karl Morris/Glen Robertson/Tranz Rail	Plan, text and photos: S class servery car (rebuilt BR MkIID/E cars)	p20	336/Jun 03##
Graham Selman	Plans: Journal plans list, part two	p24	336/Jun 03##
Amos Theobald	Trees: Yarrow, prince of weeds	p26	336/Jun 03##
Peter Smith	Electrics: Building a working signalling system part five	p27	336/Jun 03##
	Photos: Main line power, '60s style	p29	336/Jun 03##
Keith Collins	Locomotivery: The A-grade overhaul of 1:64-scale Ka945	p30	336/Jun 03##
Les Downey/John Agnew	Obituary: Don Allan	p32	336/Jun 03##
	Guild News	p33	336/Jun 03##
	Trade news: North Yard, NZ Finescale, City Depot	p33	336/Jun 03##
Peter Ross	Report: Christchurch NZR Modellers	p34	336/Jun 03##
Dr David Black/Chris Cameron	Obituary: Rev Tim (RAB) Hunter	p36	336/Jun 03##
	Postbag: Curved points corrections	p37	336/Jun 03##
Mark Cole	The Last Decade: Watch the S car go – Capital Connection cars	p43	336/Jun 03##
Kevin Crosado	Photos: Ken Cousins' 1:64 bulk cement wagon; Trevor Cheer's 1:34 Ur with track set load	Back	336/Jun 03##
Peter Ross	Photo: 1:64-scale model of Wa289	Front	337/Aug 03##
Peter Ross/Terry Bradley	Journal Jewels: 1:64 and 1:34 wooden L wagons	p2	337/Aug 03##
Peter Ross	Car & wagon: Now an even nicer 1:64 wooden L	p6	337/Aug 03##
Paul Berntsen	Tools: An X-Y rivet press table	p11	337/Aug 03##
Kevin Crosado	Our Heritage: Auckland stations 1920s – 1930s	p12	337/Aug 03##
Stuart Walker	Bridges: A steel plate-girder bridge for non-rivet counters (ex Wills kit)	p14	337/Aug 03##
Peter Smith	Electrics: Building a working signalling system, role for the computer	p15	337/Aug 03##
Ken Clough	Electrics: Plastic filament light paths (fibre optics)	p16	337/Aug 03##
Joe Bray	Report: Taranaki group outing to Opunake	p17	337/Aug 03##
Kevin Crosado	Our Heritage: K96, Paeroa, C194 Karangahake, Ohinemuri bridge, Fa Athenree	p18	337/Aug 03##

	Text and Photos: L class 15ft wooden highside wagon, drawing PWD 8937 of 1882	p20	337/Aug 03##
	Plan: NZR class L wagon, alterations to sides and ends, drawing 4881 of 1910	p22	337/Aug 03##
	Plan: NZR wooden highside wagon drawing, Hemans & Bruce drawing 1530 of 1872	p24	337/Aug 03##
	Plan: Details of wooden highside wagons, drawing 37 of 1887	p26	337/Aug 03##
	Plan: Wooden L wagon, steel top door and details, drawing 5086B of 1912	p27	337/Aug 03##
	Plan: 15ft stock, arrangement of Westinghouse brake, drawing 3465 of 1904	p28	337/Aug 03##
Keith Collins	Locomotivery: The A-grade overhaul of Ka945 part two	p30	337/Aug 03##
Greg Keay	Report: The Black Creek escapade	p32	337/Aug 03##
	Guild News	p33	337/Aug 03##
	Trade news: Online, NZF, Trackside, South Dock, Model Company, Station Road, Simply Kits	p33	337/Aug 03##
	Reviews	p35	337/Aug 03##
	Postbag	p37	337/Aug 03##
Mark Cole/Graham Selman	Fifties Focus: Ka945's last days	p43	337/Aug 03##
Kevin Crosado	Photos: Two views of Keith Collins' John Gardener-built 1:64-scale model of Ka945	Back	337/Aug 03##
Bill Cousins	Photo: A Kb-hauled train waits for a signal at Springside	Front	338/Oct 03##
Wayne Brindle	Journal Jewels: Kiwified shops – Four Square and baker from Banta Models laser-cut kits	p2	338/Oct 03##
Wayne Brindle	Structures: A tale of two buildings – Banta Silver Plume bakery kits	p6	338/Oct 03##
	Lineside: Retail therapy – 1920s and 1950s local shops	p8	338/Oct 03##
Bob Hepburn	1:64 Layout: Moutohora in miniature (1:64)	p10	338/Oct 03##
	Our Heritage: Rimutaka 125 – views from the 1920s	p12	338/Oct 03##
Bob Stott	Plan, text and photos: “An ill-favoured thing, sir, but mine own” (1:64 logging slab wagon)	p14	338/Oct 03##
Paul Napier	Plan: Ellis & Burnand bogie flat wagon	p17	338/Oct 03##
Kevin Crosado	Fifties Focus: Taita electrification 50 th anniversary – 1950, 1952, opening day October 1953	p18	338/Oct 03##
John Brouwer	Text and Photos: The U class 4-6-0 locomotive	p20	338/Oct 03##
	Plan: U class 4-6-0 general arrangement drawing 1690 of 1896	p22	338/Oct 03##
	Plan: U class 4-6-0 pipe arrangement drawing 1691A of 1896	p24	338/Oct 03##
	Plan: U class 4-6-0 valve gear arrangement drawing 1562 of 1893	p25	338/Oct 03##
	Plan: U class 4-6-0 firebox fixings drawing 1628 of 1893	p26	338/Oct 03##
Brian Cross/John Brouwer	Photos: 1:64-scale model U locos	p28	338/Oct 03##
Keith Collins	Locomotivery: Balancing steam locomotives	p29	338/Oct 03##
Peter Ross	Report: Christchurch NZR Modellers	p30	338/Oct 03##
	Guild News	p31	338/Oct 03##
	Trade news: Von Strapp, Ace Toys, DataMasta, Trackside, Railmaster Exports	p31	338/Oct 03##

	Reviews	p33	338/Oct 03##
David McCallum	Report: News from Southland from the Southern Men	p33	338/Oct 03##
	Postbag	p35	338/Oct 03##
Ray Mathewson/Mark Cole	Fifties Focus: Heislars at the mill – Heisler 1450 Ngahere; Heisler 1082 Ongarue	p43	338/Oct 03##
Terry Bradley	Photos: Two views of Tr26 modelled in 1:34 scale by Terry Bradley	Back	338/Oct 03##
Peter Ross	Photo: Roger Bennetts' 1:64-scale Otira Tunnel portal diorama	Front	339/Dec 03##
Brett Grinder	Journal Jewels: Scenes on the NSMRC's 16.5mm gauge Waitemata & Chelsea Railway	p2	339/Dec 03##
Noel Cresswell	NZ120 Layout: Port Marlborough	p6	339/Dec 03##
Grant Morrell	Photo: 1:64-scale Craven crane	p8	339/Dec 03##
Glen Robertson	Tools: Making drawings from photographs	p9	339/Dec 03##
Glen Robertson	Plan: Hikurangi BNZ building	p10	339/Dec 03##
Trevor McMurdo/Neil McCallum	Photo: Southland beauty – Trevor McMurdo's 1:64 model of Ua177	p13	339/Dec 03##
Kevin Crosado	Fifties Focus: Tangiwai 50 th anniversary – temporary and replacement bridges	p14	339/Dec 03##
Grant Morrell	Plan, text and photos: BXA bulk stock food wagon, NZR CMEO drawing OP3070	p18	339/Dec 03##
Karl Morris/Glen Robertson/Tranz Rail	Plan, text and photos: HLC series 1 and 2 containers	p24	339/Dec 03##
Kevin Crosado	Text and Photos: NZR's first freight bogies	p27	339/Dec 03##
	Plan: Bogie for 30ft goods wagon, CMEO drawing 98	p28	339/Dec 03##
	Plan: NZR freight car bogie, NZR CMEO drawing 97B	p29	339/Dec 03##
Peter Ross	Report: Christchurch NZR Modellers	p30	339/Dec 03##
	Trade news: Model Company, Von Strapp, Trackside, NZ Finescale, City Depot	p31	339/Dec 03##
	Guild News	p31	339/Dec 03##
	Reviews	p32	339/Dec 03##
Bob Stott	Obituary: Alan Bellamy	p33	339/Dec 03##
	Obituary: Brian Elliston	p33	339/Dec 03##
Kevin Crosado/Cantabrian	Vehicle Views: BXA wagon and HLC containers	p43	339/Dec 03##
Peter Ross	Photos: Two views of Roger Bennetts' Otira Tunnel end diorama	Back	339/Dec 03##
Ken Cousins	Photo: Online 1:64-scale Bumble Bee DFs	p4	340/Feb 04##
Vern McCracken/Neville Connew	Journal Jewels: Scratchbuilt 1:64 Price E on bush tram; Online 1:64-scale Ww	p4	340/Feb 04##
David Siddens/Graham Dredge	1:64 Layout: Noel Attwood's Windale revisited	p6	340/Feb 04##
	Photos: Scale model trig station; Trevor McMurdo's Ua177	p11	340/Feb 04##
Neville Connew	Wagon loads: Easy logs – wagon loads from MDF	p12	340/Feb 04##
Don Wills	Car & wagon: CB wagons on the Midland line	p13	340/Feb 04##

Trevor James	Trees: Cabbage trees and ponga ferns	p16	340/Feb 04###
Grant Mackenzie	1:64 Layout: Boston Rd to Waitakere	p18	340/Feb 04###
David Bentley	Locomotivory: Bringing Tr31 back to life	p22	340/Feb 04###
Trevor James	Perspective: Diversions (modelling real scenes)	p23	340/Feb 04###
Neil Lovejoy	16.5mm Layout: Scale Rails	p26	340/Feb 04###
Roger Bennetts	Report: News from the Mainland	p29	340/Feb 04###
Warren Jones	Report: Invercargill's Great Little Train Show	p30	340/Feb 04###
	Guild News	p31	340/Feb 04###
	Trade news: Ace Toys, City Depot, Trackside	p31	340/Feb 04###
John Agnew	Our Heritage: Rimutaka 125 – Fell engines and the Wairarapa Mail	p32	340/Feb 04###
John Agnew	Fifties Focus: South Island stations – Winton, Hedghope, Lumsden, Invercargill	p38	340/Feb 04###
John Agnew	Our Heritage: Trains and wharves – Auckland, Bluff, New Plymouth	p42	340/Feb 04###
Ken Cousins	Photos: Railcars on bridges – Standard RM30 Waikanae; Silver Fern RM3 Hapuawhenua	p45	340/Feb 04###
Ken Cousins	Photos: Railcars on bridges – Twinset RM105 near Masterton; Vulcan RM50 Blind River	Back	340/Feb 04###
Kevin Crosado	Photo: Paul Napier's 1:43 Ellis & Burnand log tram van	Front	341/Apr 04###
John Agnew	Journal Jewels: Brunner Station	p2	341/Apr 04###
Gavin Sowry	Structures: A station shelter in G scale (includes prototype photos)	p6	341/Apr 04###
	Plan: Shelter shed, CEWR drawing 8848, 1900	p8	341/Apr 04###
John Agnew	1:64 Layout: Greymouth - Otira line moves	p10	341/Apr 04###
Graham Selman	Tools: Drill press upgrade	p12	341/Apr 04###
Russell Smith	Photos and text: Models from the fifties	p15	341/Apr 04###
Paul Napier	Self-propelled: Once upon a bogie (1:43 Ellis & Burnand log tram vehicles)	p16	341/Apr 04###
Paul Napier	Plan: Ellis & Burnand passenger car	p19	341/Apr 04###
Karl Morris	Plan, text and photos: DXR8007 locomotive	p20	341/Apr 04###
Glen Robertson/Tranz Rail	Plan: DXR locomotive	p22	341/Apr 04###
Kevin Crosado	Fifties Focus: Royal tourists in Taranaki – Stratford, Hawera, New Plymouth	p26	341/Apr 04###
Gerald Petrie	Station File: Kaituna quarry (includes track and station plans)	p28	341/Apr 04###
John Dudson/Peter Ross	Report: Christchurch NZR Modellers	p32	341/Apr 04###
	Guild News	p33	341/Apr 04###
	Trade news: Glenorchy, Trackside, Railmaster Exports, NZF, Ace Toys, Model Company	p33	341/Apr 04###
	Reviews	p36	341/Apr 04###
	Postbag	p36	341/Apr 04###
Glen Anthony/Mark Cole	The Last Decade: Grunt machine – DXR8007 Middleton, Te Horo	p43	341/Apr 04###

Lester Hopkins	Photos: 1:32 Dunedin tram scenes	Back	341/Apr 04##
Lawrence Boul	Photo: 1:34 McKenzie & Holland bracket signal	Front	342/Jun 04##
Peter Ross	Journal Jewels: Bob Allen's 1:34 S214	p2	342/Jun 04##
Ken Clough/Neville Connew	Perspective: One thing or another (modelling real scenes)	p6	342/Jun 04##
Arthur and Kerrie Hayes	Perspective: Queensland and Tauranga conventions compared	p10	342/Jun 04##
Bill Pierson	Report: Tauranga Convention 2004	p13	342/Jun 04##
Greg Keay	Report: Tauranga convention – all aboard to Winstonville	p15	342/Jun 04##
Neville Connew/Ian Galbraith/Ian Tonks	Photos: Tauranga competition winners	p17	342/Jun 04##
Peter Ross	Plan, text and photos: Ewing Phosphate Co	p21	342/Jun 04##
David McCallum	Photo: Arauatu stock truck	p26	342/Jun 04##
	NZAMRC model competition results	p27	342/Jun 04##
Kevin Crosado	Our Heritage: Tauranga and The Mount – 1913, 1924, 1930s	p28	342/Jun 04##
Glen Robertson/Karl Morris	Plan and photos: TRA container	p30	342/Jun 04##
Peter Ross	Report: Christchurch NZR Modellers	p31	342/Jun 04##
	Guild News	p32	342/Jun 04##
	Trade news: Online, North Yard, Trackside, Christchurch Model Supplies, NZ Finescale	p32	342/Jun 04##
	Reviews	p33	342/Jun 04##
	Postbag	p33	342/Jun 04##
Kevin Crosado	Obituary: Brian Errol Cross	p35	342/Jun 04##
Ken Cousins	Fifties Focus: Abnormal Abs – Ab727 Alexandra; Ab777 Kurow	p43	342/Jun 04##
Peter Ross	Photo: Bob Allen's 1:34 model of s214 negotiates a rocky cutting	Back	342/Jun 04##
Kevin Crosado	Photo: A scene on the G-scale (1:24) Pine Hill Railway	Front	343/Aug 04##
Peter Ross	Journal Jewels: Several of Roger Bennetts' 1:64-scale modern image models	p2	343/Aug 04##
Ben Calcott	1:24 Layout: The Pine Hill Estate Railway	p6	343/Aug 04##
Graham Venning	Hints and tips: A simple device for operating turnouts	p10	343/Aug 04##
Kevin Crosado	Our Heritage: Opuia Bay of Islands	p12	343/Aug 04##
Paul Berntsen	Locomotivity: F277 in 1:34 scale (Hungerford F, includes plan and prototype photos)	p14	343/Aug 04##
	Plan: NZR drawing 782A, standard cast iron funnels, 1905	p18	343/Aug 04##
Darryl Palmer	Car & wagon: E5219 ex W840	p19	343/Aug 04##
Karl Morris	Plan, text and photos: CB-3 coal wagons	p21	343/Aug 04##
Doric Mabon/Trev Terry	Station File: Mamaku part one	p27	343/Aug 04##
Stann Dingby	Layout Ideas: Mini-layout design competition	p29	343/Aug 04##

Ray Mathewson	Fifties Focus: Opua 1952 – Station, engine shed, J1208 on turntable	p30	343/Aug 04##
Peter Ross	Report: Christchurch NZR Modellers	p32	343/Aug 04##
	Guild News	p33	343/Aug 04##
	Trade news: North Yard, Online, Trackside, Precision railcrafts, NZF, ChCh Model Supplies	p33	343/Aug 04##
	Report: News from the Wairarapa	p34	343/Aug 04##
Ian Galbraith	Tribute: Maurie Duston's 80 th birthday	p35	343/Aug 04##
	Obituary: Jim Smith	p36	343/Aug 04##
	Reviews	p36	343/Aug 04##
DLA Turner	Fifties Focus: Traditional coal transport – We375 Rapahoe, Riverside wharf	p43	343/Aug 04##
Neville Connew	Photos: 1:64-scale stations – Rimu (NSMRC); Waipunga (Vern McCracken)	Back	343/Aug 04##
Neville Connew	Photo: A 1:34-scale Trevor Cheer passenger trains sweeps past a colour light signal	p2	344/Oct 04##
Grant Morrell	Journal Jewels: Scratchbuilt Craven 40 ton breakdown crane	p2	344/Oct 04##
Ken Devlin	1:64 Layout: Leith Valley Branch 24 years on	p6	344/Oct 04##
Wayne Brindle	Tools: Quartering jig	p8	344/Oct 04##
Robin Knight/David Parsons	Fifties Focus: Lake Grassmere salt works	p10	344/Oct 04##
Stuart Walker	Techniques: Bringing corporate sponsorship to your models (decals)	p12	344/Oct 04##
Greg Keay	Layout Ideas: Mini-layout design competition	p13	344/Oct 04##
Bryan Lawrence	Rail history: Bryan's locomotives	p14	344/Oct 04##
Keith Collins	Trackwork: A 55ft turntable in 1:34 scale	p16	344/Oct 04##
Kevin Crosado	Text and Photos: 1880s sheep wagons	p20	344/Oct 04##
	Plan: NZR drawing 120: sheep wagon	p22	344/Oct 04##
	Plan: PWD drawing 9816: sheep wagon	p23	344/Oct 04##
	Plan: NZR drawing 120A: sheep wagon	p24	344/Oct 04##
	Plan: NZR drawing 4027: alterations to sheep trucks	p25	344/Oct 04##
Norm Gaby	Plan, text and photos: The Pokaka store	p27	344/Oct 04##
Peter Ross	Perspective: Journal thoughts	p31	344/Oct 04##
Peter Ross	Report: Christchurch NZR Modellers	p32	344/Oct 04##
	Guild News	p33	344/Oct 04##
	Trade news: Trackside, Model Company, Bay Line	p33	344/Oct 04##
Ian Galbraith	Report: NZAMRC Wairarapa area meeting	p34	344/Oct 04##
	Reviews	p34	344/Oct 04##
	Postbag (includes photos of Mamaku bush jiggers)	p35	344/Oct 04##
Joe Bray	Report: News from Taranaki	p35	344/Oct 04##

Ken Cousins	Fifties Focus: More abnormal Abs – Ab693 Hindon, Ab704 Reefton	p43	344/Oct 04##
Neville Connew	Photos: Two views on Ken Cousins' 1:64 layout	Back	344/Oct 04##
Peter Ross	Photo: Bob Allen's 1:34 S214 crossing the Poolburn Viaduct	Front	345/Dec 04##
Peter Ross	Journal Jewels: Two more views of Bob Allen's scratchbuilt S214 Fairlie	p2	345/Dec 04##
Bob Allen/Peter Ross	Locomotivory: S214, deserving convention winner	p6	345/Dec 04##
	Plan: S class 0-6-2T weight diagram	p8	345/Dec 04##
Paul Andersen-Gardiner	1:76 Layout: Dannevirke's Fantasy Cave	p11	345/Dec 04##
Bovis, Cousins, Crosado, Parsons	Eye on the Eighties: Northerner – Taupiri, Orakei, Intercity blue 1989, Southern Blue 2002	p14	345/Dec 04##
Colin McHarg	Car & wagon: Converting H-10 and H-12 cattle wagons from South Dock Hc kitsets	p16	345/Dec 04##
Dave Siddens/Alec Fenton	Plan, text and photos: Surveyor's trig station in 1:64 scale	p19	345/Dec 04##
Kevin Crosado	Plan, text and photos: Steel-framed class H cattle wagons, NZR drawing X26985 of 1943	p22	345/Dec 04##
Kevin Crosado	Prototype: H wagon numbers	p28	345/Dec 04##
Greg Keay	Layout Ideas: Mini-layout design competition	p29	345/Dec 04##
	Plan: NZR SKF bogie drawing of 1931	p30	345/Dec 04##
Kevin Crosado	Plan, text and photos: SKF bogie, X25140	p31	345/Dec 04##
	Plan: Revised SKF bogie side elevation diagram	p31	345/Dec 04##
Peter Ross/John Dudson	Report: Christchurch NZR Modellers	p33	345/Dec 04##
	Guild News	p34	345/Dec 04##
	Trade news: South Dock, Trackside	p34	345/Dec 04##
	Postbag	p35	345/Dec 04##
Ian Galbraith	Report: Wairarapa words	p35	345/Dec 04##
Ian Galbraith	Report: Pokaka 2004	p36	345/Dec 04##
John Bovis and Mark Cole	Eye on the Eighties: Northerner – Yellow, Otaki 1979; Southern Blue, Paremata 2004	p43	345/Dec 04##
Graham Dredge	Photos: Joe Boardman's 1:64 Northerner models	Back	345/Dec 04##
Peter Ross	Photo: Roger Bennetts' 1:64 Toll Rail Dx5379 (Don Weston decals)	Front	346/Feb 05##
John Prior	Journal Jewels: Kopikopiko by Ian Hammond and Mike Boutle; WAGR G65 by Andy May	p2	346/Feb 05##
Spencer Lawry	Car & wagon: A Ud and an NCK sure make a handsome couple in 1:64	p6	346/Feb 05##
Stuart Walker	Bridges: 1:64 double track 45ft steel through-plate-girder span ex Wills kit	p11	346/Feb 05##
Bob Hepburn	Fifties Focus: Gisborne – Station with twinset, Ab and J; loco depot with J/Ja/Ab/Aa/X	p14	346/Feb 05##
John Agnew	1:64 Layout: Greymouth-Otira line progress	p16	346/Feb 05##
Les Downey	1:64 Layout: The old and the new	p18	346/Feb 05##
Karl Morris/Glen Robertson	Plans, text and photos: HWT-1 and HWT-2 containers	p20	346/Feb 05##

Doric Mabon/Trev Terry	Station File: Mamaku Station part 2	p26	346/Feb 05##
Maurice Duston	Obituary: Ken Cassells	p29	346/Feb 05##
Russell Smith/Paul Berntsen	Obituary: John Dunne	p30	346/Feb 05##
Greg Keay	Layout Ideas: Mini-layout design competition	p30	346/Feb 05##
Peter Ross	Report: Christchurch NZR Modellers	p31	346/Feb 05##
	Guild News	p32	346/Feb 05##
	Trade news: Kevin Leigh, Trackside, Online, Littlewood, AKF, Model Company, Glenorchy	p32	346/Feb 05##
Ian Galbraith	Report: Wairarapa Words	p33	346/Feb 05##
David McCallum	Report: Southern sortie	p34	346/Feb 05##
	Postbag	p34	346/Feb 05##
Kevin Crosado	Lineside: The colour of old Auckland sheds – Outward Goods, No.2 yard paint shop	p43	346/Feb 05##
Peter Ross	Photos: Two views of Roger Bennetts' Toll Rail DX5379	Back	346/Feb 05##
Trevor James	Photo: Jb1213 crossing Bridge 2 on Neil Ward's 1:64 Paeroa – Waihi layout	Front	347/Apr 05##
Grant Fletcher	Journal Jewels: Electric Locoland	p2	347/Apr 05##
Paul Andersen-Gardiner	1:64 Layout: Neil Ward's Paeroa to Waihi line	p6	347/Apr 05##
Dave Bentley	Self-propelled: Rm104 on line again	p10	347/Apr 05##
Kevin Crosado	Fifties Focus: Twinset pearls – New, Heathcote, Manakau 1955, Nukaka 1957, Clarence 1956	p14	347/Apr 05##
Grant Fletcher	Locomotivery: Ed106 in 1:64 scale	p16	347/Apr 05##
Karl Morris/Glen Robertson	Plans, text and photos: JP and JPS-1 concertina wagons	p22	347/Apr 05##
Doric Mabon/Trev Terry	Station File: Mamaku Station part 3 (includes yard plans)	p28	347/Apr 05##
Judith A Campbell	Perspective: No it is not a train set	p31	347/Apr 05##
Peter Ross	Obituary: John Hefford	p32	347/Apr 05##
Greg Keay	Layout Ideas: Mini-layout design competition	p33	347/Apr 05##
Peter Ross	Report: Christchurch NZR Modellers	p34	347/Apr 05##
	Guild News	p35	347/Apr 05##
	Trade news: North Yard, Von Strapp, Model Company, Trackside, Online,	p35	347/Apr 05##
Ian Galbraith	Report: Wairarapa Words	p36	347/Apr 05##
	Postbag	p37	347/Apr 05##
Mark Cole/John Bovis	Fifties Focus: Early electrics – Ed108/Ed110 Pukerua Bay; Ed103 1974	p43	347/Apr 05##
Graham Dredge	Photos: 1:64 tank wagons by Wayne Brindle, Plume Uc822, Uc415 bitumen	Back	347/Apr 05##
Peter Ross	Photo: Barry Fitzgerald's 1:64 Ww684 on Lawrence Boul's Brunner layout	Front	348/Jun 05##
Lester Hopkins	Journal Jewels: Southern trams – 1:32 Birney No.14; the fleet outside the shed	p2	348/Jun 05##

Les Coleman	Locomotivery: A 1:24-scale Elephant	p6	348/Jun 05##
Greg Keay	Layout Ideas: Mini-layout design competition	p9	348/Jun 05##
Peter Ross	Structures: Pegg's cottage (Southland, includes cabbage tree making)	p10	348/Jun 05##
Les Downey	Techniques: Glazing the North Yard 20-inch Pyle headlight	p13	348/Jun 05##
Kevin Crosado	Fifties Focus: EDs in action – Ngauranga, Porirua, Plimmerton	p14	348/Jun 05##
Darryl Palmer	Car & wagon: KSX10 box wagon	p16	348/Jun 05##
Grant Morrell	1:64 Layout: My railway from the ground up	p18	348/Jun 05##
Kevin Crosado	Station File: Mamaku Station part four – tablet exchanger photos and plan	p20	348/Jun 05##
	Plan: Signals Branch drawing S19826 - Modifications to tablet exchanger, 1962	p21	348/Jun 05##
Glen Robertson/Karl Morris	Plans, text and photos: RoadRailers	p22	348/Jun 05##
Peter Ross	Bits & bytes: Experiences of a DCC newbie	p29	348/Jun 05##
Kevin Crosado	Photos: H wagons – H1326, H1365 Marton 1976	p34	348/Jun 05##
Peter Ross	Report: Christchurch NZR Modellers	p34	348/Jun 05##
	Guild News	p35	348/Jun 05##
	Trade news: AKF, Railmaster Exports, Trackside	p35	348/Jun 05##
Ian Galbraith	Report: Wairarapa Words	p36	348/Jun 05##
	Reviews	p36	348/Jun 05##
	Postbag	p37	348/Jun 05##
Paul Napier	The Last Decade: Elephant stamping ground – Barry Brickell's Driving Creek Railway	p43	348/Jun 05##
Neil McCallum	Photos: 1:64 Ua and U65 and period passenger train; Ryall Bush truck passing Pegg's cottage.	p43	348/Jun 05##
Neville Connew	Photo: Alec Fenton's 1:64 DH locomotive	Cover	349/Aug 05##
Neville Connew	Journal Jewels: Alec Fenton's 1:64 DH locomotive scratchbuilt from brass	p2	349/Aug 05##
Alec Fenton	Locomotivery: Building 1:64-scale DH locomotive	p6	349/Aug 05##
Alec Fenton	Plan: DH locomotive	p8	349/Aug 05##
Cuneen/Crosado/Keay	Lineside: Hikurangi Post Office 1915 - 2004	p12	349/Aug 05##
Phil Rzoska	Car & wagon: Better running wagons – the 9-Mil experience (ball races and springs)	p14	349/Aug 05##
John Agnew	Electrics: Installing ESU Loksound decoders in Sn3-1/2 locomotives	p17	349/Aug 05##
Kevin Crosado	Plans, text and photos: 40ft x 30ft goods shed (PWD drawing 27213)	p20	349/Aug 05##
Doric Mabon	Station File: Mamaku part five	p28	349/Aug 05##
Peter Ross	Report: Christchurch NZR Modellers	p32	349/Aug 05##
	Guild News	p33	349/Aug 05##
	Trade news: North Yard, Trackside, Model Company, Nine Mill, Precision Railcrafts	p33	349/Aug 05##
	Reviews	p35	349/Aug 05##

Ian Galbraith	Postbag	p35	349/Aug 05##
Trevor Cheer	Report: Wairarapa Words	p36	349/Aug 05##
Kevin Crosado	The Last Decade: DH class shunting locomotive – Blue DH2845, Bumble Bee DH2822	p43	349/Aug 05##
	Photos: Phil Ditmer's 1:64 Zp wagon, Ken Cousins' 1:64 twinset railcar	Back	349/Aug 05##
Neville Connew	Photo: Paul Napier's 1:35 scale quad fire appliance	Cover	350/Oct 05##
Grant Morrell	Journal Jewels: Grant Morrell's 1:64 weed spray train	p2	350/Oct 05##
Les Downey	Perspective: How does a Kiwi modeller fit in Oz?	p6	350/Oct 05##
Mike Boutle	Structures: Adapting a 1:76 Ratio gantry crane to 1:64	p8	350/Oct 05##
	Lineside: Gantry cranes	p10	350/Oct 05##
Paul Napier	Self-propelled: A piece of red kiwiana in 1:35 (quad fire appliance)	p12	350/Oct 05##
Paul Napier	Plan: NZ State Forest quad fire appliance	p14	350/Oct 05##
Paul Napier	Plan: NZ State Forest quad tanker	p16	350/Oct 05##
Eliza Hepa	Self-propelled: 1:64 1972 western regional manager's rail vehicle	p18	350/Oct 05##
Paul Andersen-Gardiner	Perspective: Where are the NZR layouts?	p19	350/Oct 05##
Bob Hepburn	Fifties Focus: South of Gisborne – Matawhero, Muriwai, Maraetaha, Beach Loop	p20	350/Oct 05##
Glen Robertson	Plan, text and photos: CW coal wagon	p22	350/Oct 05##
Doric Mabon	Station File: Mamaku part six	p24	350/Oct 05##
Don Clements/Bob Stott	Obituary: Graeme Butler	p32	350/Oct 05##
Peter Ross	Report: Christchurch NZR Modellers	p34	350/Oct 05##
	Guild News	p34	350/Oct 05##
	Trade news: Online, Simply Kits, Model Company, Glenorchy, Kevin Leigh	p34	350/Oct 05##
	Reviews	p36	350/Oct 05##
Ian Galbraith	Report: Wairarapa Words	p37	350/Oct 05##
Peter Ross	Photo: 1929 – 1956 Stop sign	p39	350/Oct 05##
Ray Mathewson	Sights of the Seventies: The Mamaku tram – Ollie Smith's 12-wheel tractor	p43	350/Oct 05##
Ken Clough	Photos: 1:64 DXH5520 modelled by Michelle Andrews	Back	350/Oct 05##
Trevor James	Photo: Neil Ward's 1:64 Df1501	Cover	351/Dec 05##
Peter Ross	Journal Jewels: One Track Minds 1:64 modules – Wa217 on Red Swamp; House Corner	p2	351/Dec 05##
Spencer Lawry	Layout Ideas: Glenorchy Models layout winning entry (2ft gauge)	p6	351/Dec 05##
Kevin Crosado	Our Heritage: Railways Advertising Branch	p10	351/Dec 05##
Dean Farrow	Self-propelled: 1:24 Railmotor No.4 (RM4 Model T railcar)	p12	351/Dec 05##
Darryl Palmer	Locomotivity: Drewry DSB1221 in 1:64	p14	351/Dec 05##

Colin Barry/John Dudson/Peter Ross	Structures: The house that John built (for Colin) (1:64 Rewanui house)	p18	351/Dec 05##
Karl Morris/Glen Robertson	Plan, text and photos: USQ flat deck/container wagon drawing	p22	351/Dec 05##
Terry Bradley	Report: Pokaka 21 and a half	p27	351/Dec 05##
	Plan: WMR freight truck general arrangement Drg R20	p28	351/Dec 05##
Kevin Crosado	Text and Photos: WMR freight bogies	p29	351/Dec 05##
	Plan: WMR freight car truck details Drg R26	p30	351/Dec 05##
Peter Ross	Perspective: Special guest Barry Norman	p32	351/Dec 05##
Peter Ross	Report: Christchurch NZR Modellers	p33	351/Dec 05##
	Guild News	p34	351/Dec 05##
	Trade news: Trackside, Station Rd, Model Company, Railmaster Exp, ChCh Model Supplies	p34	351/Dec 05##
Graham Dredge	Report: Westies – news from Auckland’s western suburbs	p35	351/Dec 05##
Terry Bradley	Obituary: Warren Bennellick	p35	351/Dec 05##
	Postbag	p36	351/Dec 05##
Ian Galbraith	Report: Wairarapa Words	p37	351/Dec 05##
	The Last Decade: Billboards – two modern examples	p43	351/Dec 05##
	Assorted NZR billboard reproductions	Back	351/Dec 05##
Peter Ross	Photo: Graham Venning’s etched Q hopper in 1:64 scale	Cover	352/Jun 06##
Neil Andrews	Journal Jewels: Neil Andrews’ 1:34 Edison battery railcar	p2	352/Jun 06##
Neil Andrews	Self-propelled: The Edison battery electric railcar in 1:34 scale	p6	352/Jun 06##
Kevin Crosado	Text and Photos: Edison battery railcar part one	p9	352/Jun 06##
	Plan: Edison battery car, proposed, drg Y7955	p12	352/Jun 06##
	Plan: Edison car, body clearances drg Y7954	p13	352/Jun 06##
Graham Dredge	Bits & bytes: DCC sound – adding another dimension to our world	p14	352/Jun 06##
Ken Cousins	Bits and Bytes: Loksound – a Westie update (includes function button conventions)	p15	352/Jun 06##
Scott Shadbolt	Perspective: A few thoughts (includes photos of 1:64 models)	p16	352/Jun 06##
Graham Venning	Car & wagon: NZ Finescale Q wagon (1:64 scale)	p17	352/Jun 06##
	Plan: 8 ton coal hopper, drg 1974	p22	352/Jun 06##
	Plan: Conversion of old box hopper underframe, drg 2251	p23	352/Jun 06##
Kevin Crosado	Text and Photos: The “first” Q wagons part one	p24	352/Jun 06##
Galbraith/ Berntsen/ Crosado	Obituary: Maurice Charles Duston	p28	352/Jun 06##
Peter Ross	Report: Christchurch NZR Modellers	p30	352/Jun 06##
	Guild News	p31	352/Jun 06##
	Trade news: Trackside. Model Company, Online, AKF, Glenorchy	p31	352/Jun 06##

Paul Berntsen, Colin Zeff, Darryl Smith	Postbag	p33	352/Jun 06##
Ian Galbraith	Obituary: (John W (Jack) Boyes	p34	352/Jun 06##
David McCallum	Report: Wairarapa Words	p36	352/Jun 06##
Kevin Crosado	Report: Southern sortie	p36	352/Jun 06##
Peter Ross	Vehicle Views: Q hoppers – Q791 formerly 56; Q2252 formerly 184	p43	352/Jun 06##
	Photos: Graham Venning's 1:64 NZ Finescale Q wagon	Back	352/Jun 06##
Russell Postlewaight	Photos: Brian Eastergaard's 1:48-scale Climax	Cover	353/Aug 06##
Max Maginness	Journal Jewels: 1:64 Puponga coalmine	p2	353/Aug 06##
Grant Morrell	1:64 Layout: My railway from the ground up part two	p6	353/Aug 06##
Greg Keay	Report: Feilding or bust – 2006 convention report	p11	353/Aug 06##
	NZAMRC Feilding 2006 convention competition results	p13	353/Aug 06##
	Photos: Competition prize winners	p14	353/Aug 06##
Kevin Crosado	Text and Photos: The Edison battery railcar part two	p18	353/Aug 06##
Courtesy of Neil Andrews	Plan: Edison battery railcar diagram	p20	353/Aug 06##
	Plan: Drawing 2263, Q coal hopper brake gear	p22	353/Aug 06##
	Plan: Drawing 2264, Q coal hopper brake details	p22	353/Aug 06##
	Plan: Drawing 2253, Q coal hopper shoe	p23	353/Aug 06##
	Plan: Drawing 3299, Q coal hopper altered door details	p23	353/Aug 06##
Kevin Crosado	Text and Photos: The 'first' Q wagons part two (includes wagon numbers)	p24	353/Aug 06##
Glen Anthony	Self-propelled: A fleet of 1:24 jiggers	p30	353/Aug 06##
Keith Collins	Trackwork: Ready-made 1:64-scale NZR flexible track (almost)	p33	353/Aug 06##
Don Weston	Obituary: Jack Hamilton Watson	p34	353/Aug 06##
John Dudson/Peter Ross	Report: Christchurch NZR Modellers	p35	353/Aug 06##
	Guild News	p36	353/Aug 06##
	Trade news: AKF, Von Strapp, Online, Majik, Precision Railcrafts, Trackside	p36	353/Aug 06##
Ian Galbraith	Report: Wairarapa Words	p38	353/Aug 06##
	Reviews: Prodigy Advance DCC	p39	353/Aug 06##
	Postbag	p39	353/Aug 06##
Jack Creber	Fifties Focus: West Coast steam – B303 Blackball 1962; Ww679 Dunollie 1969	p43	353/Aug 06##
John Agnew	Photos: Two Greymouth scenes on John Agnew's 1:64 layout	Back	353/Aug 06##
Peter Ross	Photo: Trevor Corrin's 1:64 Wa217 on the OTM layout	Cover	354/Oct 06##
Chris Bradley	Journal Jewels: The 1:43 Tutaenui Tram's Coal Creek bins	p2	354/Oct 06##

John Dudson	1:64 Layout: One Track Minds – a modular odyssey	p6	354/Oct 06##
Chris Bradley	Tools: Enhancing digital photographs (increasing depth of field)	p14	354/Oct 06##
Keith Collins	Trackwork: Split points (Y turnout)	p16	354/Oct 06##
Lawrence Boul	Car & wagon: An attractive couple (magnetic brake hose couplers)	p20	354/Oct 06##
OnTrack/Toll NZ	Plan, text and photos: YJ ballast hopper wagon	p22	354/Oct 06##
Kevin Crosado	Station File: The stores branch Mamaku trams (photos)	p28	354/Oct 06##
Richard Meetz/Rich Weyand	Perspective: Eyesight, aging and the modeller	p30	354/Oct 06##
Greg Keay	Report: TrainZ weekend 2006	p32	354/Oct 06##
Peter Ross	Report: Christchurch NZR Modellers	p34	354/Oct 06##
	Trade news: Model Company, Railmaster, Humbrol	p35	354/Oct 06##
	Reviews	p36	354/Oct 06##
	Postbag	p37	354/Oct 06##
Ian Galbraith	Report: Wairarapa Words	p38	354/Oct 06##
OnTrack	The Last Decade: New age ballast hopper	p43	354/Oct 06##
Peter Ross	Photos: 1:64 OTM scenes – Wa217 on Flax Creek bridge; John Dudson's grandparents' house	Back	354/Oct 06##
Lawrence Boul	Photo: 1:64 DFT7077 in front of the dairy factory on Kopikopiko	Cover	355/Dec 06##
Wayne Brindle	Journal Jewels: Scratchbuilt 1:64 A class 0-4-0	p2	355/Dec 06##
Mike Boutle	1:64 Layout: Kopikopiko – a little bit of NZ in East Anglia	p6	355/Dec 06##
Reid McNaught	Lineside: The Machine Creek water vats (Otago Central Branch)	p12	355/Dec 06##
Wayne Brindle	Locomotivity: A Dubs A in 1:64 scale	p14	355/Dec 06##
Stuart Mackay	Rail history: The XB coal hopper wagons of the WAGR/NZ	p16	355/Dec 06##
Les Downey	Tools: An effective and inexpensive spray booth	p17	355/Dec 06##
Stuart Walker	Structures: A prototypical Canterbury flour mill (using DPM parts)	p18	355/Dec 06##
Paul Napier	Plan, text and Photo: Ellis & Burnand Ongarue van	p20	355/Dec 06##
Robin Knight	Self-propelled: McEwan, Pratt railcar	p21	355/Dec 06##
	Plan: McEwan, Pratt railcar, body drawing 5329	p22	355/Dec 06##
	Plan: McEwan, Pratt railcar, details drawing 5330	p24	355/Dec 06##
Kevin Crosado	Plan, text and Photo: NZR's first railcar (McEwan, Pratt)	p25	355/Dec 06##
	Plan, text and photos: Heavy duty freight bogie, drawing X26446	p30	355/Dec 06##
Peter Ross	Report: Christchurch NZR Modellers	p32	355/Dec 06##
	Trade news: Online, Von Strapp, Model Company, Railmaster Exports,	p33	355/Dec 06##
	Reviews	p35	355/Dec 06##
	Postbag	p36	355/Dec 06##

Ian Galbraith	Report: Wairarapa words	p37	355/Dec 06##
DLA Turner	Fifties Focus: Ongarue bridges	p43	355/Dec 06##
Lawrence Boul	Photos: Station Hotel and Kopikopiko yard	Back	355/Dec 06##
Peter Ross	Photo: Roger Bennetts' 1:64 model of W192	Cover	356/Feb 07##
Peter Ross	Techniques: Styrene kitset makes any size window (includes window plans)	p6	356/Feb 07##
Brian Eastergaard	Structures: Hindon station building in 1:34 scale	p10	356/Feb 07##
Russell Smith	Locomotivity: The Brooks Ub in 1:64 scale (includes plan and prototype photos)	p13	356/Feb 07##
Keith Collins	Trackwork: Scissors crossing in 1:64	p17	356/Feb 07##
Les Downey	Electrics: If getting under a baseboard is not your thing any more	p21	356/Feb 07##
Glen Robertson/Kevin Crosado	Plan, text and photos: Tranz Rail's DQ locomotives	p22	356/Feb 07##
Kevin Crosado	Plan, text and photos: Waitawheta log bogies	p28	356/Feb 07##
John Agnew, Paul Berntsen, Terry Bradley	Obituary: Jeffery Bruce Thompson	p31	356/Feb 07##
Peter Ross	Report: Christchurch NZR Modellers	p32	356/Feb 07##
	Trade news: City Depot, North Yard, Trackside, Railmaster	p33	356/Feb 07##
	Reviews	p34	356/Feb 07##
	Postbag	p36	356/Feb 07##
Ian Galbraith	Report: Wairarapa words	p37	356/Feb 07##
Peter Ross	Photos: Two views of Roger Bennetts' 1:64 model of W192	Back	356/Feb 07##
Kevin Crosado	Photo: Paul Berntsen's 1:34-scale 19 th century NZR accident crane	Cover	357/Apr 07##
Paul Berntsen	Car & wagon: 1:34-scale accident crane	p6	357/Apr 07##
Glen Anthony	Modelling History: Wairapata Viaduct 75-years on (ex RSR viaduct put to new use)	p10	357/Apr 07##
Bob Stott	Structures: A new 1:64 engine shed for Port Craig	p13	357/Apr 07##
Bob Hepburn	Fifties Focus: South of Gisborne – Paritu, Kopuawhara, Waikokopu, Nuhaka	p16	357/Apr 07##
Peter Ross	Bits & bytes: You'll be chuffed – Wa DCC sound install	p18	357/Apr 07##
Scott Shadbolt	Car & wagon: A temporary solution (glazing for Tranz Scenic cars)	p20	357/Apr 07##
	Plan, text and photos: One-stall engine shed BP27231	p22	357/Apr 07##
Jack Creber	Fifties Focus: Reefton loco depot	p31	357/Apr 07##
Peter Ross	Report: Christchurch NZR Modellers	p32	357/Apr 07##
	Trade news: Trackside, Online, Model Company	p33	357/Apr 07##
	Reviews	p33	357/Apr 07##
	Postbag: Wheel standards	p35	357/Apr 07##
Joe Bray	Report: From the 'Naki	p36	357/Apr 07##

David McCallum	Report: Southern sortie	p36	357/Apr 07##
Ian Galbraith	Report: Wairarapa words	p37	357/Apr 07##
Greg Keay	Report: Guild AGM	p38	357/Apr 07##
Kevin Crosado	Photos: Two views of Paul Berntsen's 1:34-scale accident crane	Back	357/Apr 07##
Peter Ross	Photo: Barry Fitzgerald's OTM corner module (1:64 scale)	Cover	358/Jun 07##
Darryl Palmer	Locomotivery: TR822, "What another TR!" (1:64 scale)	p6	358/Jun 07##
Grant Morrell	1:64 Layout: My railway from the ground up part three	p8	358/Jun 07##
Neil Ward/Trevor James	Journal Jewels: Neil Ward's Online Way and Works gang bus in 1:64	p12	358/Jun 07##
Stuart Walker	Structures: Cement silos at Te Kowhai Rd, Te Rapa in 1:64	p13	358/Jun 07##
John Agnew	Perspective: Forty years of Railmaster Exports	p17	358/Jun 07##
Les Downey	Tools: Is the overhang equal?	p21	358/Jun 07##
Glen Robertson/Karl Morris	Plan, text and photos: GT-4 car-transport wagons	p22	358/Jun 07##
Gerald Petrie	Station File: Birdlings Flat	p28	358/Jun 07##
Mark Cole	Fifties Focus: Bedford SB-3 coaches – Wanganui 1959 and 1962	p32	358/Jun 07##
Peter Ross	Report: Christchurch NZR Modellers	p33	358/Jun 07##
	Trade news: Bay Line, Precision Railcrafts, Station Rd, Yat Ming, Von Strapp	p34	358/Jun 07##
Brent Hopley	Report: Wellington 9mm group	p35	358/Jun 07##
	Reviews	p36	358/Jun 07##
Ian Galbraith	Report: Wairarapa Words	p37	358/Jun 07##
	Postbag	p38	358/Jun 07##
Peter Ross	Photos: Two views of Barry Fitzgerald's 1:64 Ww684 on his OTM corner module	Back	358/Jun 07##
Peter Ross	Photo: Tim Marshall's 1:34-scale 30ft F van	Cover	359/Aug 07##
Mark Andrews	Tools: Experiments in etching part one	p6	359/Aug 07##
Les Downey	Locomotivery: Getting all the boiler bits in line	p7	359/Aug 07##
Keith Collins	Locomotivery: Upgrading a Wab	p9	359/Aug 07##
S J Ramir	1:64 Layout: Klynham Branch railway	p11	359/Aug 07##
Kevin Crosado	Photos: Convention 2008 layouts – David Lowe's 1:76 Midland Rly	p14	359/Aug 07##
Tim Marshall	Car & wagon: The making of 30ft guard's van F238 part one (1:34 scale)	p15	359/Aug 07##
Stuart Walker	Tools: Table converts 1:64-scale to millimetres	p21	359/Aug 07##
	Plan: NZR standard 30ft brake van BP3866	p22	359/Aug 07##
Don Weston	Obituary: John Rappard	p24	359/Aug 07##
Kevin Crosado	Text and Photos: Drawing 3866 guard's vans part one	p25	359/Aug 07##

Archives NZ	Plan: NZR standard 30ft van underframe BP3866	p26	359/Aug 07##
	Plan: NZR 30ft brake van BP25743 sheet 32	p27	359/Aug 07##
	Plan: Wrought iron details (lookout) for 30ft van	p28	359/Aug 07##
Kevin Crosado	Vehicle Views: Drawing 3866 30ft guard's vans	p32	359/Aug 07##
Peter Ross	Report: Christchurch NZR Modellers	p33	359/Aug 07##
	Trade news: Model Company, Marks Model Works	p34	359/Aug 07##
	Reviews	p35	359/Aug 07##
	Reviews	p36	359/Aug 07##
Ian Galbraith	Report: Wairarapa words	p37	359/Aug 07##
	Postbag	p39	359/Aug 07##
Peter Ross	Photos: Two views of Tim Marshall's 1:34 30ft guard's van	Back	359/Aug 07##
Paul Berntsen/Raoul Quinn	Photo: Wilson's (NZ) Portland Cement 0-4-2T Peckett in 1:34	Cover	360/Oct 07##
Tim Marshall	Car & wagon: The making of 30ft guard's van F238 part two	p6	360/Oct 07##
	Plan: Pintsch's Patent Lighting Co lamp ##281 (carriage lamp)	p9	360/Oct 07##
OnTrack	Photos: YJ ballast wagon update	p12	360/Oct 07##
Kevin Crosado	Photos: Convention 2008 layouts – Paul Berntsen's 1:43 Wexford	p14	360/Oct 07##
Kevin Crosado	Text and Photos: Drawing 3866 guard's vans part two (includes road numbers)	p15	360/Oct 07##
Keith Collins	Locomotivery: Sound for a 1:34 Da	p20	360/Oct 07##
Glen Robertson	Plan and photos: DFT locomotive	p22	360/Oct 07##
Gerald Petrie	Station File: Birdlings Flat part two	p24	360/Oct 07##
Craig McSkimming	Text and Photos: DFT locomotive details	p26	360/Oct 07##
Jack Creber	Fifties Focus: Loco and Paeroa – Ja1285, Jb1213	p32	360/Oct 07##
Peter Ross	Report: Christchurch NZR Modellers	p33	360/Oct 07##
	Trade news	p34	360/Oct 07##
Neil Ward	Obituary: Joseph Patrick (Pat) Eade	p35	360/Oct 07##
	Reviews	p36	360/Oct 07##
Ian Galbraith	Report: Wairarapa Words	p37	360/Oct 07##
	Postbag	p38	360/Oct 07##
Paul Berntsen/Raoul Quinn	Photos: Two views of the Berntsen/Quinn 1:34 Wilson's (NZ) Portland Cement 0-4-2T Peckett	Back	360/Oct 07##
Peter Ross	Photo: Early morning Amberley limeworks in 1:64	Cover	361/Feb 08##
Grant Fletcher	Self-propelled: A pair of Johnsonville units part one (1:64 scale)	p6	361/Feb 08##
John Whyte	Weathering: 1920s loco weathering	p12	361/Feb 08##

Kevin Crosado	Photos: Convention 2008 layouts – Bob Heron’s 1:87 layout	p14	361/Feb 08##
Peter Ross	Scenicking: Lifelike long grass (static grass)	p15	361/Feb 08##
Kevin Crosado	Text and Photos: Drawing 3866 guard’s vans part three (paint colours, etc)	p20	361/Feb 08##
Paul Berntsen/Kevin Crosado	Plans, text and photos: X13515 and 13516 1942 English Electric multiple units part one	p22	361/Feb 08##
Kevin Crosado	Plan, text and photos: BP1656B standard car bogie, 1895	p26	361/Feb 08##
Terry Bradley	Car & wagon: 1:34-scale BP1656 bogies	p28	361/Feb 08##
Les Downey	Tools: Digital camera as a modelling tool	p31	361/Feb 08##
Mark Cole	Fifties Focus: English Electric units	p32	361/Feb 08##
Peter Ross	Report: Christchurch NZR Modellers	p33	361/Feb 08##
Noel Attwood/Ian Galbraith	Obituary: Russell Robert Smith	p34	361/Feb 08##
	Trade news: Glenorchy, Von Strapp, Precision railcrafts	p35	361/Feb 08##
	Reviews	p36	361/Feb 08##
Ian Galbraith	Report: Wairarapa Words	p37	361/Feb 08##
	Postbag	p38	361/Feb 08##
Peter Ross	Photos: Two views of Amberley limeworks grass effects (1:64 scale)	Back	361/Feb 08##
Kevin Crosado	Photo: John Hey’s prize winning 1:64 sulphuric acid train	Cover	362/Jun 08##
Kevin Crosado	Perspective: The Journal turns sixty	p6	362/Jun 08##
Alan Curtis	Report: 2008 Taradale convention	p8	362/Jun 08##
Kevin Crosado	Photos: Convention competition models	p11	362/Jun 08##
	Taradale convention NZAMRC competition results	p17	362/Jun 08##
Grant Fletcher	Self-propelled: A pair of Johnsonville units part two	p18	362/Jun 08##
Les Downey	Tools: Couplers in line and at the correct height (1:64 height gauge)	p21	362/Jun 08##
Glen Robertson/Kevin Crosado	Plan, text and photos: CF-2 fertiliser wagon, diagram CF-2	p22	362/Jun 08##
Kevin Crosado	Text and Photos: Drawing 3866 30ft guard’s vans part four, Carnation Red	p28	362/Jun 08##
Kevin Crosado	Text and Photos: English-Electric multiple units part two	p30	362/Jun 08##
Kevin Crosado	Vehicle Views: CF wagons	p32	362/Jun 08##
Peter Ross	Report: Christchurch NZR Modellers	p33	362/Jun 08##
	Trade news: VCC, Mark’s Model Works, Woos Works, City Depot	p34	362/Jun 08##
	Reviews	p36	362/Jun 08##
David McCallum	Report: Southern Sortie	p36	362/Jun 08##
	Report: Wairarapa Words	p36	362/Jun 08##
	Postbag	p38	362/Jun 08##
Trevor McMurdo	Journal Jewels: Southern gems – J1237 from JG kitset; Ar106 from two South Dock kits	p43	362/Jun 08##

Kevin Crosado	Photos: John Dudson's prize winning 1:64 Kakariki Bridge and Red Swamp modules	Back	362/Jun 08##
Grant Morrell	Photo: A busy scene at Carterton Station on Grant Morrell's 1:64 layout	Cover	363/Sep 08##
Peter Ross	Journal Jewels: Two examples of John Dudson's weathered trucks	p2	363/Sep 08##
John Robinson	Locomotivery: Dubs A in G (1:24 scale)	p6	363/Sep 08##
Grant Morrell	1:64 Layout: My railway from the ground up part four	p9	363/Sep 08##
Heinz Bohnen	Scenicking: Static grass	p13	363/Sep 08##
Stuart Walker	Structures: Building a pressed-steel water tank (ex 1:76 Wills kit)	p14	363/Sep 08##
Grant Fletcher	Self-propelled: A pair of Johnsonville units part three	p16	363/Sep 08##
Trev Terry	Station File: Okahukura part one	p19	363/Sep 08##
Kevin Crosado	Plan, text and photos: B-class 4-8-0 locomotives part one	p22	363/Sep 08##
	Plan: B class 4-8-0 running board, firebox fittings	p24	363/Sep 08##
Kevin Crosado	Plan, text and Photo: Drawing 3866 30ft guard's vans part five (paint colours)	p28	363/Sep 08##
Kevin Crosado	Text and Photos: English Electric multiple units part three	p30	363/Sep 08##
Jack Creber	Fifties Focus: Penrose Junction	p32	363/Sep 08##
	Report: Christchurch NZR Modellers	p33	363/Sep 08##
	Trade news: Glenorchy, Model Company, Von Strapp	p33	363/Sep 08##
	Reviews	p34	363/Sep 08##
Stuart Walker/Kevin Crosado	Photos: Pressed steel water vats	p36	363/Sep 08##
	Report: Wairarapa Words	p37	363/Sep 08##
	Postbag	p38	363/Sep 08##
Jack Creber/Trevor Cheer	Past & Present: Okahukura	p43	363/Sep 08##
Grant Morrell	Photos: Two scenes on Grant's 1:64 layout	Back	363/Sep 08##
Brendon Lean	Photo: KiwiRail DX5749 in 1:120 scale	Cover	364/Dec 08##
Wayne Brindle/Kevin Crosado	Journal Jewels: Wayne Brindle's bush lokeys	p2	364/Dec 08##
Peter Ross	Locomotivery: DX5749: the first model in KiwiRail colours?	p6	364/Dec 08##
Wayne Brindle	Locomotivery: Upscaling a Heisler (to 1:64 from 1:87)	p9	364/Dec 08##
Jason McFadden	Structures: Kaiapoi station in 1:64 scale part one	p12	364/Dec 08##
Grant Fletcher	Self-propelled: A pair of Johnsonville units, conclusion	p15	364/Dec 08##
Compiled by Trevor Cheer	Station File: Okahukura part two	p18	364/Dec 08##
John Whyte	Layout Ideas: Okahukura	p20	364/Dec 08##
Kevin Crosado	Text and Photos: B-class 4-8-0 locomotives part two	p22	364/Dec 08##
	Plan: Standard 1700 gal. tender, Drwg 2122	p22	364/Dec 08##

Kevin Crosado	Text and Photos: Drawing 3866 30ft guard's vans part six (use as plough van)	p26	364/Dec 08##
	Plan: Reversible ballast plough, Drg X25625	p28	364/Dec 08##
	Plan Double ballast plough, Drg X25743	p29	364/Dec 08##
Peter Ross	Products: Smooth riding freight bogie (Frateschi)	p31	364/Dec 08##
Peter Ross	Report: Christchurch NZR Modellers	p33	364/Dec 08##
	Trade news: Glenorchy,	p34	364/Dec 08##
Graham Dredge	Report: Westie Ramblings	p35	364/Dec 08##
	Reviews	p35	364/Dec 08##
	Report: Wairarapa Words	p37	364/Dec 08##
	Postbag	p39	364/Dec 08##
John Agnew	Photos: Anchor Shipping's <i>Totara</i> tied up at Greymouth Wharf (1:64 scale)	Back	364/Dec 08##
Kevin Crosado	Photo: Paul Berntsen's 1:34 model of Ed101	Cover	365/Mar 09##
Peter Ross	Journal Jewels: Roger Bennetts' DXB5143 in KiwiRail livery	p2	365/Mar 09##
Paul Berntsen	Locomotivity: Modelling Ed101 in 1:34 scale	p6	365/Mar 09##
Les Downey	Road vehicles: My Smash Palace (1:64 scale)	p10	365/Mar 09##
Chris Bradley	1:43 Layout: The Tutaenui tram part one	p11	365/Mar 09##
Peter Ross	Tools: Smooth-running steam locos part one – optical wheel quartering	p16	365/Mar 09##
Jason McFadden	Structures: Kaiapoi station part two	p18	365/Mar 09##
Jason McFadden	Tools: Etching brass at home	p20	365/Mar 09##
	Plan, text and photos: Diagram BLW/LWD twin-compartment wine containers	p22	365/Mar 09##
Courtesy Andrew Wilson	Plans and Photos: Nelson Section yards, Richmond, Hope, Brightwater, Wakefield	p27	365/Mar 09##
Mark Andrews	Tools: Experiments in etching part two, the 1:64 Dubs A	p30	365/Mar 09##
Alec Fenton	Journal Jewels: Alec Fenton's 1:64 DF6248	p33	365/Mar 09##
Peter Ross	Report: Christchurch NZR Modellers	p34	365/Mar 09##
	Trade news: VCC, Mark's Model Works, Von Strapp, Terry Bradley, Glenorchy	p35	365/Mar 09##
	Report: Wairarapa Words	p37	365/Mar 09##
	Reviews	p37	365/Mar 09##
Soren Low	Vehicle Views: LWD containers	p43	365/Mar 09##
Kevin Crosado	Photos: Two views of Paul Berntsen's 1:34-scale Ed101	Back	365/Mar 09##
Chris Bradley	Photo: Tutaenui's <i>Annie</i> in 1:43 scale	Cover	366/Jun 09##
Peter Ross	Journal Jewels: On Daryl Roe's One Track Minds module, Dg/Dj and stockyard	p2	366/Jun 09##
Chris Bradley	Photo: Tutaenui tram in action	p3	366/Jun 09##

Grant Morrell	Wagon loads: Timber by the wagon	p6	366/Jun 09##
Colin McHarg	Wagon loads: Timber by the wagon	p8	366/Jun 09##
Kevin Crosado	Prototype: What the rule book said (about wagon loading)	p9	366/Jun 09##
Chris Bradley	1:43 Layout: The Tutaenui tram part two	p11	366/Jun 09##
Peter Ross	Tools: Robin Knight's locomotive chassis jig	p16	366/Jun 09##
Gordon Barr	Structures: A NZ classic – Art Deco house (includes plan)	p18	366/Jun 09##
	Plan and photos: S19096 Telephone shelter (lineside phones)	p22	366/Jun 09##
Courtesy Andrew Wilson	Plans and Photos: Nelson Section yards, Belgrove, Motupiko, Tadmor, Manu	p26	366/Jun 09##
Keith Collins	Electrics: DCC Turnout Protection	p29	366/Jun 09##
Mark Andrews	Tools: Experiments in etching part three 1:64 Fairlie B class, Rogers K	p30	366/Jun 09##
Peter Ross	Report: Christchurch NZ Modellers	p33	366/Jun 09##
	Trade news: AKF, Online, Terry Bradley	p34	366/Jun 09##
Peter Ross	Comment: NZR modelling, not easy but worth it	p35	366/Jun 09##
Pete van Grinsven	Report: North Shore MRC news	p36	366/Jun 09##
	Report: Wairarapa Words	p37	366/Jun 09##
Graham Dredge	Report: Westie Ramblings	p37	366/Jun 09##
	Postbag	p39	366/Jun 09##
Kevin Crosado	Lineside: Two NZ Deco houses	p41	366/Jun 09##
Chris Bradley	Photos: Tutaenui's Bagnall 0-4-2ST <i>Jack</i> and 0-4-2T <i>Annie</i> (1:43 scale)	Back	366/Jun 09##
Jason McFadden	Photo: 1:64 Kaiapoi Station	Cover	367/Sep 09##
Evan James	Journal Jewels: Kiwi character in 1:48 scale, ex Bachmann 2-8-0, Price Tr inspired 0-6-0	p2	367/Sep 09##
Peter Ross photo	Photo: <i>Silverton</i> scene	p3	366/Jun 09##
Les Downey	Car & wagon: A 1:64 Rotorua guard's van (includes coat of arms)	p4	367/Sep 09##
Peter Ross	Locomotivery: Smooth-running steam locos part two – Matching rods and frames	p9	367/Sep 09##
Alec Fenton/Neville Connew	Techniques: New technology introduced to NZ – Laser-cut structures	p12	367/Sep 09##
Peter Ross	1:150 Layout: Paul Christensen's <i>Silverton</i>	p13	367/Sep 09##
Keith Collins	Electrics: Reliable turntable wiring – three methods that will work with DCC	p19	367/Sep 09##
Bob Hepburn	Fifties Focus: South of Gisborne – Whakaki, Wairoa, Ohinepaka, Waihua	p20	367/Sep 09##
Peter Ross	Car & wagon: More on CCW kits – Robin Knight's latest project	p22	367/Sep 09##
Trevor Cheer	Plan: Standard 3-wheel platform barrow Drg X25137	p24	367/Sep 09##
	Plan: NZR Drg 3898 mail truck	p26	367/Sep 09##
	Photos: Platform Trolleys – A once-common piece of station furniture	p28	367/Sep 09##
Andrew Wilson	Plans and Photos: Nelson Section yards, Manu, Glenhope, Kawatiri	p30	367/Sep 09##

Peter Ross photos	Journal Jewels: Two of Graham Venning's weathered La wagons in 1:64	p33	367/Sep 09##
Peter Ross	Report: Christchurch NZR Modellers	p34	367/Sep 09##
	Trade news: AKF,	p35	367/Sep 09##
Alan Curtis	Comment: Modelling has been getting easier	p36	367/Sep 09##
Pete van Grinsven	Report: North Shore MRC news	p37	367/Sep 09##
Ex <i>Matarawa Halt</i>	Report: Wairarapa words	p37	367/Sep 09##
Les Downey	Review: 1:64 guard's van tail lamp	p37	367/Sep 09##
Terry Bradley	Review: <i>Addington Railway Workshops</i> by Keith Brown	p40	367/Sep 09##
Greg Keay	Review: Narrow Gauge Annual	p41	367/Sep 09##
Les Downey/P G Smith	Postbag	p39	367/Sep 09##
Peter Ross photos	Rail history: 1943 Ambulance car	p45	367/Sep 09##
Jack Creber photos	Photos: Reefton – 1956 colour views of the traditional NZGR	p47	367/Sep 09##
Peter Ross	Photos: Two scenes on Paul Christensen's 1:150 <i>Silverton</i> layout	Back	367/Sep 09##
Peter Ross photo	Photo: One of Lindsay Thompson's 1:87 Heislers converted to 1:64	Cover	368/Dec 09##
Alec Fenton photos	Journal Jewels: Neville Connew's 1:64-scale Online Ww679 (note weathering)	p2	368/Dec 09##
Peter Ross photo	Photo: Heisler hauling logs on Lindsay Thompson's Colonial Bush Tram	p3	368/Dec 09##
Graham Dredge	Bits & bytes: A shunting donkey (DCC controlled Kadee couplers)	p4	368/Dec 09##
Graham Radcliffe photos	The Way We Were: Short trains 1962 - 1982	p8	368/Dec 09##
Paul Berntsen	Locomotivery: Round-hole suspension for model locomotives	p10	368/Dec 09##
Lindsay Thompson	1:64 Layout: Colonial bush tram	p13	368/Dec 09##
Neil Ward	Tools: 3D modelling in Solidworks and using rapid prototypes	p20	368/Dec 09##
Les Downey	Tools: Roof ridging	p23	368/Dec 09##
Glen Robertson/Kevin Crosado	Plan, text and photos: ZAT-3 curtainside wagons	p24	368/Dec 09##
Kevin Crosado	Plan, text and photos: Drawing X3181A freight bogies	p29	368/Dec 09##
Peter Ross	Perspective: But wait, there's more – Convention 2010 preview	p32	368/Dec 09##
Peter Ross	Report: Christchurch NZR Modellers	p34	368/Dec 09##
	Trade news: Online, Mark's Model Works, Precision 9 Mil	p35	368/Dec 09##
Terry Bradley	Comment: Pokaka	p36	368/Dec 09##
	Review: <i>Old Waipiata</i>	p36	368/Dec 09##
Paul Woods	Report: Taniwha Tweets	p37	368/Dec 09##
Ex <i>Matarawa Halt</i>	Report: Wairarapa words	p37	368/Dec 09##
Les Downey/P G Smith	Postbag: CCW car kits, convention open day	p39	368/Dec 09##
Ray Mathewson photos	Sixties Style: Okarito trams – Union Foundry and Morris Cowley tractors	p45	368/Dec 09##

Peter Ross photos	Journal Jewels: Neil Andrews' layout scenes (1:34 scale)	p47	368/Dec 09##
Peter Ross photos	Photos: Lindsay Thompson's Price lookalike No.1 and Smokey Joe conversion (1:64 scale)	Back	368/Dec 09##
Kevin Leigh photo	Photo: Glen Anthony's 1:24 working diorama <i>The Stamping Ground</i>	Cover	369/Mar 10##
Kevin Crosado photos	Journal Jewels: Two 1:64-scale Picketts (Berntsen/Knight)	p2	369/Mar 10##
Glen Anthony photo	Photo: Glen Anthony's <i>The Stamping Ground</i>	p2	369/Mar 10##
Les Downey	Car & wagon: Who says three into two won't go? (1:64 G and Ug wagons)	p4	369/Mar 10##
NZR courtesy Archives NZ	Vehicle Views: Wellington EMU details	p6	369/Mar 10##
Kevin Crosado	Plan, text and photos: Drawing 3921 Ug wagons	p8	369/Mar 10##
Glen Anthony	1:24 Layout: <i>The Stamping Ground</i> – steam worked gold mine with stamping battery	p13	369/Mar 10##
Peter Ross	Locomotivery: Smooth-running steam locos Pt 3 – fixing a sticky 1:64 F	p20	369/Mar 10##
Graham Dredge	Electrics: Shunting donkey correction	p23	369/Mar 10##
Kevin Crosado	Plan, text and photos: Price Bros D-class cars	p24	369/Mar 10##
Colin Barry	Station File: Inangahua Junction part one	p30	369/Mar 10##
Peter Ross photos	Lineside: Waipiata 2009	p33	369/Mar 10##
Peter Ross	Report: Christchurch NZR Modellers	p34	369/Mar 10##
	Trade news: AKF, Littlewood	p35	369/Mar 10##
Phil Rzoska	Comment: Advancement of technology	p36	369/Mar 10##
Ex Matarawa Halt	Report: Wairarapa Words	p37	369/Mar 10##
D L Bettridge/Bevan Brown	Postbag: Waitara Branch, HO NZR modelling	p38	369/Mar 10##
Rhys Batchelor	Perspective: NZ120 – The first 40 years part one	p45	369/Mar 10##
Kevin Leigh photos	Photos: Two views on Glen Anthony's <i>The Stamping Ground</i>	Back	369/Mar 10##
Kevin Crosado photo	Photo: John Dudson's winning NZ landscape diorama	Cover	370/Jun 10##
Kevin Crosado photos	Journal Jewels: Brian Lilley's 1:24 TTT Mallet No 7	p2	370/Jun 10##
Kevin Crosado photo	Photo: Tim Marshall's A3 layout winner, <i>The Dominion Box Co</i>	p3	370/Jun 10##
Paul Berntsen	Locomotivery: The Taupo Totara Timber Co Mallet in 1:34	p4	370/Jun 10##
David Bentley	Car & wagon: Getting them out of the boxes (30ft Ajin van modifications)	p9	370/Jun 10##
Ian Robertson	Road vehicles: A Bedford truck in 1:64 scale	p11	370/Jun 10##
Kevin Crosado photos	Photos: Convention 2010 competition models	p13	370/Jun 10##
	NZAMRC model competition results	p17	370/Jun 10##
Peter Ross	Report: Christchurch Convention 2010 in retrospect	p18	370/Jun 10##
Kevin Crosado	Plan, text and photos: Class FC log wagons	p24	370/Jun 10##
John Agnew/Peter Ross	Obituary: Graham Selman	p28	370/Jun 10##

	Plan: PWD 22640 Coals stores	p30	370/Jun 10##
Colin Barry	Station File: Inangahua Junction part two	p32	370/Jun 10##
John Joyce/Jack Creber	Fifties Focus: B303 Inangahua Junction	p33	370/Jun 10##
Peter Ross	Report: Christchurch NZR Modellers	p34	370/Jun 10##
Pete van Grinsven	Report: North Shore MRC news	p34	370/Jun 10##
	Trade news: Mark's Model Works, Westimation,	p34	370/Jun 10##
Alan Curtis	Comment: Convention a hard act to follow	p36	370/Jun 10##
	Report: Wairarapa words	p37	370/Jun 10##
David McCallum	Report: Southern sortie	p37	370/Jun 10##
	Reviews: <i>Just Like the Real Thing</i>	p38	370/Jun 10##
Grant Morrell	Scenicking: Flax making step by step	p45	370/Jun 10##
Rhys Batchelor	Perspective: NZ120: the first 40 years part two	p46	370/Jun 10##
Kevin Crosado photos/Brian Lilley	Photos: Rhodesia Railways 15th class Garratt No.271 in 1:24 scale	Back	370/Jun 10##
Peter Ross photo	Photo: Ab608 on John Dudson's Kakariki bridge module.	Cover	371/Sep 10##
Kevin Crosado photos	Journal Jewels: Bernie Willis's 1:48-scale (On30) Despatch Foundry Webb Patent rail tractor	p2	371/Sep 10##
Peter Ross photo	Photo: One end of the Kakariki bridge	p3	371/Sep 10##
John Dudson/Peter Ross	1:64 Layout module: Kakariki – a scene built around an NZR truss bridge	p4	371/Sep 10##
Peter Ross	Bits & bytes: Hark is that a Fiat I hear? Installing Loksound in an 88-seat railcar	p10	371/Sep 10##
Darryl Palmer	Car & wagon: Shell KP. Railmaster box wagon kit with Don Wills decals	p12	371/Sep 10##
Paul Napier/Kevin Crosado	1:24 Diorama: "Honey, there's a train in our basement". Model of Wellingtons' Mt Albert tramway.	p13	371/Sep 10##
Grant Fletcher	Locomotivity: Scratchbuilt 1:64-scale Ew locomotive, part 1.	p20	371/Sep 10##
Glen Robertson/Kevin Crosado	Plan, text and photos: Class CE coal wagon	p24	371/Sep 10##
Colin Barry	Station File: Inangahua Junction part three (includes yard plans).	p28	371/Sep 10##
Paul Andersen-Gardiner	Report: Notes from South Taranaki	p32	371/Sep 10##
Neville Connew/Alec Fenton	Journal Jewels: Da1400 and Da1414 on level crossing	p33	371/Sep 10##
Peter Ross	Report: Christchurch NZR Modellers Group (includes punching headlight lenses).	p34	371/Sep 10##
	Trade news: North Yard, JG Models (Garratt photo), AKF Models (bogie photos), Railmaster, MMW	p35	371/Sep 10##
Peter Ross/Darryl King	Report: TrainZ 2010 modelling weekend (includes photo of Neil Andrews' 1:34 Kape to Kairo layout).	p35	371/Sep 10##
Peter Ross	Comment: Christchurch earthquake	p36	371/Sep 10##
	Report: Wairarapa Words	p37	371/Sep 10##
	Train Advice: Coming events	p38	371/Sep 10##
	Reviews: <i>Stations of the central and lower South Island</i> , Sean Millar.	p39	371/Sep 10##
Percy Godber	Photo: Pokaka, 1924	p39	371/Sep 10##

Kevin Crosado	Postbag:	p40	371/Sep 10##
Rhys Batchelor	Eye on the Eighties: Wellington's Mt Albert Tramway, 1976.	p45	371/Sep 10##
Peter Ross	Perspective: NZ120: the first 40 years part three	p46	371/Sep 10##
	Photos: Two scenes on John Dudson's Kakariki bridge module featuring Ab608 and an 88-seat railcar.	Back	371/Sep 10##
Kevin Crosado photo	Photo: WCC No.3 entering the tunnel on Paul Napier's 1:24-scale Mount Albert Tramway.	Cover	372/Dec 10##
Peter Ross photos	Journal Jewels: Lindsay Thompson's 1:48-scale bush workshop	p2	372/Dec 10##
Pete van Grinsven photo	Photo: Wharf scene on John Agnew's West Coast railway	p3	372/Dec 10##
Pete van Grinsven	Lineside: A tale of two Greymouth wharf cranes (modelling in 1:64 scale)	p4	372/Dec 10##
Les Downey	Car & wagon: A different clerestory-roofed guard's van (modelling in 1:64 scale from etched brass)	p10	372/Dec 10##
Paul Napier/Kevin Crosado	1:24 Diorama: "Honey, there's a train in our basement". Model of Wellingtons' Mt Albert tramway, part 2	p13	372/Dec 10##
Grant Fletcher	Locomotivry: Scratchbuilt 1:64-scale Ew locomotive, part 2.	p19	372/Dec 10##
Mark Andrews	Bits & bytes: Sound A (installing Loksound in a Dubs A)	p21	373/Dec 10##
Trevor Cheer	Hints and tips: 1:34-scale signal ladders (step by step guide to modelling in brass)	p22	372/Dec 10##
Archives NZ	Plan: NIMT snow plough	p24	372/Dec 10##
Kevin Crosado	Text and photos: Snow ploughs	p26	372/Dec 10##
Colin Barry	Station File: Inangahua Junction part four (includes prototype photos)	p30	372/Dec 10##
Evan James	Vehicle Views: ex NIMT snow plough, R-1 with canopy, both Dunedin 1964	p33	372/Dec 10##
Peter Ross/John Dudson	Report: Christchurch NZR Modellers Group	p34	372/Dec 10##
Darryl Palmer	Report: Pokaka 2010	p35	372/Dec 10##
	Trade news: North Yard, Mark's Model Works (1:64 birds), Model Co (1:34 Da), Glenorchy (1:34 Hitachi TR), Southwark Bridge (1:64 bicycles), von Strapp (1:34 Fm van)	p35	372/Dec 10##
Colin Zeff	Comment: Street tramways	p36	372/Dec 10##
	Report: Wairarapa Words	p37	372/Dec 10##
	Train Advice: Coming events	p38	372/Dec 10##
	Obituaries: Edward John (Jack) McClare, Graham Tuariki Radcliffe, Jeff Driver	p38	372/Dec 10##
	Reviews: <i>Trains on the Main Trunk</i> , Graeme Carter; <i>Model Railroader</i> , Peter Ross; <i>Durango & Silverton</i> , Sam Furukawa	p39	372/Dec 10##
Bob Stevens	Photo: Snow plate, Cromwell (to fit over cowcatcher)	p40	372/Dec 10##
Evan James	Hints and tips: Stand pipes (aka water columns)	p45	372/Dec 10##
Michael Gee	Scenicking: Don Clement's toetoe: modelling an iconic native tussock in 1:64 scale	p46	372/Dec 10##
Pete van Grinsven photos	Photos: Two pictures of Pete's 1:64-scale model of Greymouth wharf crane No.2	Back	372/Dec 10##
Kevin Crosado photo	Photo: Bob Stott's 1:64-scale Climax A crossing Taputerangi Stream bridge.	Cover	373/Mar 11##

Trevor McMurdo photos	Journal Jewels: Trevor McMurdo's models of V63 and P133 in original condition.	p2	373/Mar 11##
Kevin Crosado photo	Photo: Loading timber on Bob Stott's Taputerangi to Taupo bush tram layout.	p3	373/Mar 11##
Brendon Lean	Locomotivory: Scratchbuilding a Dsc in styrene (modelling in 1:64 scale)	p4	373/Mar 11##
Peter Ross	Prototype: Dsc—the diesel that did it in the yards (brief history of Dsc class locomotives)	p6	373/Mar 11##
Graham Dredge	Car & wagon: Tunnel profile wagon: a working model for checking tunnel clearances (1:64 scale).	p7	373/Mar 11##
Robin Knight	Car & wagon: Tunnel clearance cars—[based on] U and N wagons (1:64 scale, includes plan and prototype info).	p12	373/Mar 11##
Bob Stott	1:64 Layout: Taputerangi to Taupo: a bush tramway layout	p13	373/Mar 11##
Grant Fletcher	Locomotivory: Scratchbuilt 1:64-scale Ew locomotive, part 3.	p19	373/Mar 11##
	Obituary: Keith Anthony Collins 22 October 1928 – 26 February 2011	p21	373/Mar 11##
Kevin Crosado	Plan, text and photos: Jenkinson's Dream: Leyland railcar RM3, part one	p22	373/Mar 11##
Colin Barry	Station File: Inangahua Junction part five (includes prototype photos)	p28	373/Mar 11##
Peter Ross	Report: Christchurch NZR Modellers Group (includes home-made foliator)	p33	373/Mar 11##
Graham Dredge	Report: Westies: group project to build water vats	p34	373/Mar 11##
	Trade news: Station Road cast urethane shipping containers, Trains.com magazine index.	p34	373/Mar 11##
Graeme McClare	Text and photo: NIMT snowplough update	p34	373/Mar 11##
Peter Ross	Review: <i>Realistic railway modelling: Layout design</i> by Iain Rice	p35	373/Mar 11##
	Train Advice: Coming events	p38	373/Mar 11##
Peter Ross	Comment: Second Christchurch earthquake	p36	373/Mar 11##
	Report: Wairarapa words, news from the <i>Matarawa Halt</i>	p37	373/Mar 11##
	Postbag: Inangahua memories, Andrew Wilson, Narrow gauge railways, Barry Brickell.	p37	373/Mar 11##
Kevin Crosado photos	NZ Built: Prototype photos of Dsc class locos.	p45	373/Mar 11##
Gordon Barr	Bits & bytes: DCC-controlled locomotive couplers (on Trevor Borlase's Ja).	p46	373/Mar 11##
Kevin Crosado photos	Photos: Climax A and remains of a Price 16-wheeler on Bob Stott's Taputerangi to Taupo tramway.	Back	373/Mar 11##
Peter Ross photo	Photo: 1:64-scale DXR8007 heading the Tranz Alpine Express on Roger Bennetts' TALMR module	Cover	374/Jun 11##
Peter Ross photos	Journal Jewels: Roger Bennetts' DXR8007, Tranz Alpine cars and open observation car	p2	374/Jun 11##
Grant Morrell photo	Photo: Grant Morrell's 1:64-scale Dubs A passing in front of Doughty's Store, Kerosine Creek	p3	374/Jun 11##
Quentin Roper/Grant Morrell	Locomotivory: Etched-brass Dubs A kit: An appealing model and useful learning experience	p4	374/Jun 11##
Peter Ross	Prototype: The Dubs A: A brief history	p8	374/Jun 11##
Phil Rzoska	Electrics: Enhancing the Tortoise (point motor modifications)	p9	374/Jun 11##
Les Downey	Electrics: An aid to choosing LED resistors	p12	374/Jun 11##
Neil Ward	1:64 Layout: Paeroa to Waihi revisited	p13	374/Jun 11##
Darryl Palmer	Car & wagon: NX1 experimental flat wagon	p18	374/Jun 11##

Kevin Crosado	Plan, text and photos: Jenkinson's Dream: Leyland railcar RM3, part two	p20	374/Jun 11##
	Plan and photos: Class SK container wagon	p22	374/Jun 11##
Kevin Crosado	Prototype: Class SK container flat-top wagons.	p26	374/Jun 11##
Bob Hepburn	50s Focus: South of Gisborne, Raupunga, Kotemaori, Putorino, Tutira, RM104, RM124, JA1288	p28	374/Jun 11##
	Photos, text and plan: Wellington shelters (small stations)	p30	374/Jun 11##
Peter Ross	Report: Christchurch NZR Modeller's (Don Wills' Vanguard Comet, level crossing signal bell and base)	p33	374/Jun 11##
	Trade news: Littlewood's rivet tool, Station Rd container kit, Glenorchy 1:64 Hunslett 0-6-0ST	p34	374/Jun 11##
Bob Everitt	Photo: Standard railcar RM30 <i>Aotea</i>	p35	374/Jun 11##
Peter Ross	Comment: Encyclopaedia Journalia	p36	374/Jun 11##
	New members	p36	374/Jun 11##
	Report: Wairarapa words, news from the <i>Matarawa Halt</i>	p37	374/Jun 11##
Kevin Crosado	Review: <i>Wellington's railways—Colonial steam to Matangi</i> by David Parsons	p37	374/Jun 11##
Greg Keay	Review: <i>Kiwitown's Port—The story of Oamaru Harbour</i> by Gavin McLean	p37	374/Jun 11##
Greg Keay	Review: <i>Railroad Model Craftsman</i> March and April 2011 issues	p40	374/Jun 11##
	Postbag: Greymouth wharf cranes	p40	374/Jun 11##
Kevin Crosado photos	Journal Jewels: Scenes on Colin Barry's Inangahua layout	p45	374/Jun 11##
Graham Dredge	Techniques: Carpeting my tunnels (tunnel lining)	p46	374/Jun 11##
Kevin Crosado photos	Photos: Trevor Cheer's scratchbuilt 1:34-scale model of URL1907, weathered by John Whyte	Back	374/Jun 11##
Kevin Crosado photo	Photo: Paul Berntsen's 1:34-scale model of C857 passing through Pokaka.	Cover	375/Sep 11##
Kevin Crosado photos	Journal Jewels: Raoul Quinn's 1:43.5 scale stone crusher and Fordson Major tractor	p2	375/Sep 11##
Kevin Crosado photo	Photo: Raoul Quinn's 1:43.5 scale stone crusher	p3	375/Sep 11##
Tony Simons	Locomotivery: Russell Smith's last locomotive – E66	p4	375/Sep 11##
Peter Ross	Tools: Get more from your digital camera – part one taking basic digital photos	p7	375/Sep 11##
Darryl Palmer	Car & wagon: KST wagons (from own masters)	p10	375/Sep 11##
Les Downey	Electrics: A very simple DC track current tester	p12	375/Sep 11##
Neil Ward	1:64 Layout: Hamilton MRC's NZR modular layout	p13	375/Sep 11##
Keith Collins	Bridges: A 1:64-scale pedestrian overbridge (includes plan and prototype photos)	p17	375/Sep 11##
	Prototype Plan: PWD 29719 Latrines	p24	375/Sep 11##
Original NZR contract	Prototype: Latrines specification, PWD 29719, 1911 (includes prototype photos)	p26	375/Sep 11##
	Plan: Y7309 47-1/2ft main line car verandah rails	p30	375/Sep 11##
	Plan: Y8554 NZR brake van verandah rails	p31	375/Sep 11##
Kevin Crosado	Prototype: Finer details: Verandah rails	p32	375/Sep 11##
Peter Ross	Report: Christchurch NZR Modeller's Group (Brendon Lean's DC4277)	p33	375/Sep 11##

Grant Morrell photo	Photo: Grant's half-relief factory building ex a Phillips Models kit	p35	375/Sep 11##
Graham Dredge photo	Photo: Line-up of six Auckland Westie group 1:64-scale Wab locos on Stephen Smith's layout	p35	375/Sep 11##
	Trade news: Phillips Models takes over South Dock kits, NZ Finescale does Wb re-run, management changes at Railmaster, Glenorchy Models developing several 1:120-scale diesel locos, Shapeways offers 1:120-scale EO body, NZMR Guild releases scale plan sets	p36	375/Sep 11##
Peter Ross	Comment: Lessons from a devil's food cake	p37	375/Sep 11##
Greg Keay	Review: <i>Last train to Paradise: Journeys in the golden age of New Zealand Railways</i> , Graham Hutchins	p37	375/Sep 11##
Kevin Crosado	Review: <i>Modelling trees part one – broadleaf trees</i> by Gordon Gravett	p39	375/Sep 11##
Kevin Crosado	Review: <i>St Merryn – What we did and how we did it</i> , South London Area Group, Scalefour Society	p39	375/Sep 11##
	Report: Wairarapa words, news from the <i>Matarawa Halt</i>	p39	375/Sep 11##
	Postbag: Station shelters	p40	375/Sep 11##
John Joyce photo	Photo: Ea locomotives being trialled on a Lyttelton passenger train passing Opawa shelters, 1968	p40	375/Sep 11##
Peter Hodge photo	Photo: Austin 7 bush jigger off track at Pokaka, 1951	p41	375/Sep 11##
Graham Radcliffe photo	Photo: 50ft guard's van F560 showing end railings	p41	375/Sep 11##
Kevin Crosado	Techniques: Carpeting my tunnels (tunnel lining)	p46	375/Sep 11##
Kevin Crosado photos	Photos: 1:34-scale model of C857 built by Paul Berntsen and weathered by Raoul Quinn	Back	375/Sep 11##
Peter Ross photo	Photo: Brendon Lean's 1:64-scale Dj3476 works a country yard.	Cover	376/Dec 11##
Kevin Crosado photos	Journal Jewels: Darryl Palmer's 1980s Auckland <i>CityRail</i> cars ex OnLine kits	p2	376/Dec 11##
Peter Ross photo	Photo: A 1:76-scale Hornby 0-4-0T Pug on Robin Phillip's <i>Merrijigs</i> layout.	p3	376/Dec 11##
Neil Ward	Locomotivery: Designing a 1:64-scale Dsa kitset.	p4	376/Dec 11##
David Halfpenny	Tools: How to draw scale plans from photographs	p6	376/Dec 11##
David Halfpenny	Plan: Goodman battery electric locomotive, Pukemiro (drawn from photos)	p9	376/Dec 11##
Kevin Crosado	Prototype: The NZCDC Goodman locomotive (NZ Co-operative Dairy Co, 1922)	p10	376/Dec 11##
Robin Phillips	1:76 Layout: The Merrijigs sawmill	p13	376/Dec 11##
Keith Collins	Trackwork: Railway curves—cant or superelevation (how much and how to)	p18	376/Dec 11##
Peter Ross photos	Techniques: Plastic fantastic Dj—detail shots of Brendon Lean's styrene Dj body during building	p20	376/Dec 11##
Les Downey	Perspective: A lifetime of NZR modelling—part one	p22	376/Dec 11##
	Plan: GST/TST class container	p24	376/Dec 11##
	Plan: GSY container	p25	376/Dec 11##
Kevin Crosado	Prototype: Domestic box containers (GST/TST/GSY)	p26	376/Dec 11##
Juliet Scoble	Station File: Wallaceville (on the Wellington – Upper Hutt line)	p29	376/Dec 11##
Graeme McClare photos	Sights of the seventies: NZCDC Te Rapa Goodman (in colour)	p33	376/Dec 11##
Peter Ross	Report: Christchurch NZR Modeller's Group (Barry Norman plywood beams)	p33	376/Dec 11##

	Trade news: The Model Company reissues their 1:34 F kit, Von Strapp Forgings releases various trackwork components, Phillips Models announces track powered lighting kits.	p37	376/Dec 11##
Peter Ross	Comment: Thoughts on a New Zealand-flavoured layout	p37	376/Dec 11##
Terry Bradley	Report: Pokaka 2011.	p37	376/Dec 11##
	News: 2012 NZAMRC convention, <i>Model Railroad News</i> ceases publication		
	Obituary: Rayner Dixon (Guild founder member), 1930 – 2011,		
	Obituary: John Irwin Parker (San Juan Models), 1946 - 2011.	p38	376/Dec 11##
	Report: Wairarapa words, news from the <i>Matarawa Halt</i>	p39	376/Dec 11##
Kevin Crosado	Review: <i>Mountain Railroad Modelling</i> by Tony Koester	p38	376/Dec 11##
Alan Curtis	Review: <i>The NZR Steam Locomotive</i> by Sean Millar	p40	376/Dec 11##
	Postbag: Station shelters	p40	376/Dec 11##
Peter Ross	Tools: Get more from your digital camera – part two camera technicalities	p45	376/Dec 11##
Peter Hodge photo	Photo: Austin 7 bush jigger off track at Pokaka, 1951	p41	376/Dec 11##
Peter Ross photos	Photos: 1:64-scale model of Dj3476 built and weathered by Brendon Lean	Back	376/Dec 11##
Barry Fitzgerald photo	Photo: Barry's Heisler No.3 and wagons in an upper Rangitata setting.	Cover	377/Mar 12##
Graham Dredge photos	Journal Jewels: Night scenes on Graham Dredge's layout	p2	377/Mar 12##
Graham Dredge photo	Photo: Graham Dredge's loco depot by night.	p3	377/Mar 12##
Ian Watson	1:160 Layout: <i>Glenkomish 2: an impression of New Zealand's railways in 1:160 scale.</i>	p4	377/Mar 12##
Mark Dalrymple	Weathering: Wood siding weathering	p7	377/Mar 12##
Peter Ross	Tools: Get more from your digital camera – part three taking great pictures	p9	377/Mar 12##
Pete Smith	Electrics: Improved diode matrix route control	p14	377/Mar 12##
Ken Lankshear	Hints and tips: Of drums and decals	p17	377/Mar 12##
Colin Barry	Our Heritage: Original Middleton yard (Brittenden Collection photos)	p18	377/Mar 12##
Les Downey	Perspective: A lifetime of NZR modelling—part two	p20	377/Mar 12##
NZRLS archives	Plan: Opaki overbridge – Bridge 78A Wairarapa Line	p24	377/Mar 12##
Kevin Crosado	Plans, text and photos: Bridge 78A Wairarapa Line	p26	377/Mar 12##
Graham Dredge	Electrics: Lighting up – lighting for model motor vehicles	p35	377/Mar 12##
Peter Ross	Report: Christchurch NZR Modeller's Group (art print backscene)	p33	377/Mar 12##
	Trade news: Railmaster Exports T loco kit, OnLine to sell, Woodworks takes over Ninemill Products, North Yard now has website, Glenorchy Models and Phillips' Models both offer RTR, Bendigo Rail Models releases GM G8 in HO, Backwoods Miniatures announces 1:48 Gamman's tram look-alike.	p38	377/Mar 12##
Peter Ross	Comment: Time to connect the dots (NZR modelling needs plastic kits)	p39	377/Mar 12##
	Happy shoppers: FINI air compressor, Tamiya light-curing putty	p40	377/Mar 12##

	Obituary: Robin William Sutherland, Graham Baker, Phillip Charles Cooke.	p40	377/Mar 12##
	News: 2012 NZAMRC convention, NZR goes Stateside, Woodland Scenics fire, Creative Master (Hong Kong) goes belly up, Hornby profit warning, Ian Allan magazines sold, RMweb sold, <i>Model Railroad News</i> back in print.	p40	377/Mar 12##
	Report: Wairarapa words, news from the <i>Matarawa Halt</i> (Ian Galbraith moves to Rangiora)	p41	377/Mar 12##
Kevin Crosado	Review: <i>KiwiRail Locomotives and Rolling Stock Register</i> , compiled by NZ Railfan	p43	377/Mar 12##
Kevin Crosado	Review: <i>Realistic Colour for Railroad Modelling</i> by Troels Kirk	p43	377/Mar 12##
Robin Knight	Postbag: Thoughts on E66	p44	377/Mar 12##
Brian Pearce	Postbag: Wallaceville Station (photos p 43)	p44	377/Mar 12##
Kevin Crosado photos	Weathering: Grant Morrell built, painted, decaled and weathered a 1:64-scale Bc bulk powder wagon	Back	377/Mar 12##
Kevin Crosado photo	Photo: Mark Dalrymple's prize winning <i>P&D Duncan Tap & Die Company</i>	Cover	378/Jun 12##
Terry Bradley photos	Journal Jewels: Peter Hodge's <i>Ninemill Valley Tram</i>	p2	378/Jun 12##
Peter Ross photo	Photo: Allen Hare's <i>Black Stag Lumber Company</i>	p3	378/Jun 12##
Peter Ross	1:64 Layout: One Track Minds at the 2011 Big Little Train Show	p4	378/Jun 12##
Grant Fletcher	Car & wagon: Napier Trams—part one	p8	378/Jun 12##
Peter Ross	Report: Wellington Convention in retrospect	p12	378/Jun 12##
Kevin Crosado	Photos: Convention 2012 competitions	p17	378/Jun 12##
Les Downey	Perspective: A lifetime of NZR modelling—part three	p22	378/Jun 12##
	Plan: UDA and UDK container well wagons	p24	378/Jun 12##
Kevin Crosado	Plans, text and photos: Container well wagons	p26	378/Jun 12##
Chris Bradley	Sixties Style: Ikamatua Sawmills Ltd	p30	378/Jun 12##
Jason Horne	Electrics: Realistic operation for motor vehicles	p32	378/Jun 12##
Peter Ross	Report: Christchurch NZR Modeller's Group (Jason McFadden's Blackball mine manager's house)	p36	378/Jun 12##
	Locomotivery: Headstock striping	p35	378/Jun 12##
	Trade news: Phillips Models acquires Railmaster and Classic Line, Mark's Model Works Mini-Me-Wagons and Micro Module World (1:120 etched wagon kits/module ends), Evan Gardner (ironwork for 1:48 L wagons), Glenorchy Models (etched 1:34-scale locomotive kits), Archer Fine Transfers (rivet decals).	p37	378/Jun 12##
	News: TrainZ12, Digital Westlake annuals, Evergreen sold, Atlas closes forums, Hornby profits steady, Bachmann owner records loss, Sid Stubbs tribute, Pokaka Cultural Convocation	p38	378/Jun 12##
Peter Ross	Comment: On progressing in a finescale direction	p39	378/Jun 12##
	Reviews: 1:120 Mini-Me-Wagons sheep wagon underframe (Rhys Batchelor), <i>Penrhyn Quarry Railway Modeller's Guide</i> (Greg Keay), <i>Voie Libre</i> in English (Kevin Crosado)	p40	378/Jun 12##
	Report: Wairarapa words, news from the <i>Matarawa Halt</i> (Grant Morrell builds styrene Garratt)	p41	378/Jun 12##

	Postbag: Stewart Handley seeks information on Dunedin Limestone train Las, Paul Smith seeks plans for 80ft lattice girder bridge etchings	p43	378/Jun 12##
	Competition results NZAMRC 2012 convention	p44	378/Jun 12##
Grant Morrell photos	Photos: Allen Hare's <i>Black Stag Lumber Company</i> convention tour layout	Back	378/Jun 12##
Peter Ross photo	Photo: Bryan Lawrence and Wayne Williams' models of <i>Peveril & Ivanhoe</i> outside the Lyttelton roundhouse.		Cover
	379/Sep 12##		
Ray Foot photos	Journal Jewels: Ray Foot's 1:87 part-scratchbuilt styrene models of a Car Haulaways B train car transporter and a Kirby's articulated furniture removals van.	p2	379/Sep 12##
Peter Ross photo	Photo: Barry Fitzgerald's water tanks	p3	379/Sep 12##
Barry Fitzgerald	Structures: Practice Piece: an early style NZR tank stand (includes plan)	p4	379/Sep 12##
Bryan Lawrence/Wayne Williams	Added detail: Make a simple water column (Lyttelton prototype)	p10	379/Sep 12##
Wayne Haste	Car & wagon: An NZR van for the garden (30ft to BP3866)	p12	375/Sep 11##
Grant Fletcher	Car & wagon: Napier Trams—part two	p14	379/Sep 12##
Kevin Crosado photos	Eye on the Eighties: The Waitakere turntable (50ft)	p18	379/Sep 12##
Peter Ross	Locomotivery: Smooth running steam locos—part four	p20	379/Sep 12##
	Plan: Class W insulated wagon	p24	379/Sep 12##
Kevin Crosado	Text and Photos: The last W wagons	p26	379/Sep 12##
Chris Bradley	Sixties Style: Ikamatua Sawmills Ltd—part two	p30	379/Sep 12##
Wayne Williams/Peter Ross	Added detail: Towards a better hand grab	p32	375/Sep 12##
Peter Ross	Report: Christchurch NZR Modeller's Group (John Dudson converts Oxford Austin taxi to Austin 10 tourer, Barry Fitzgerald weathers 50ft car).	p36	379/Sep 12##
	Trade news: Mini Building Creations ceases, Scenery Unlimited Miracle Chair Co kitset, C&L Finescale absorbs Exactoscale.	p37	379/Sep 12##
	News: Guild now has Facebook page, Pokaka Cultural Convocation, Stratford-Okahukara scenic tours, AMRA 2013, Hornby expects to break even, MTH sells S Helper Service.	p37	379/Sep 12##
George Gardner/Trevor Cheer	Obituary: Edward Ross Hughes	p38	379/Sep 12##
	Reviews: <i>Modelling Trees—part two</i> by Gordon Gravett (Kevin Crosado), <i>Modern Locomotives Illustrated</i> , Issue 195, <i>The Small Shunters—excluding BR designs</i> (Greg Keay).	p39	379/Sep 12##
Peter Ross	Comment: Reflections on a visit to dear old Blighty.	p39	379/Sep 12##
Alec Fenton	Report: Westie NZR modellers learning CAD drawing.	p40	379/Sep 12##
Chris Bradley photos	<i>Ivanhoe & Peveril</i> on the Lyttelton turntable, October 1973, Ab718 Mt Somers branch, 1967	p40	379/Sep 12##
	Report: Wairarapa Words, Grant Morrell builds 1:34 Xa wagon.	p41	379/Sep 12##
Mike Hamilton photo	Photo: Forgotten World Adventures rail cart emerging from tunnel number 3 near Whangamomona.	p42	379/Sep 12##
Archives NZ	Plan: Bush tramway crossing bush tramway, near Pokaka.	p43	379/Sep 12##

Graham Dredge photos	Postbag: Chris Bradley on the order of F class 'twins' <i>Ivanhoe & Peveril</i>	p44	379/Sep 12##
	Locomotivery: Lexi Brown's 1:64-scale model of WMR 2-8-2 No.17, later NZR Bc463.	Back	379/Sep 12##
Kevin Crosado photo	Photo: 1:34-scale Davidson lokey built by Paul Berntsen, weathered by Brian Eastergaard.	Cover	380/Dec 12##
Peter Ross photos	Journal Jewels: Barry Fitzgerald's Tr15 and Q wagon plus nodding thistle flaxes.	p2	380/Dec 12##
Kevin Crosado photo	Photo: Davidson driver and lokey.	p3	380/Dec 12##
Paul Berntsen	Locomotivery: Workin' on the chain gang ... a 1:34-scale Davidson lokey (includes Davidson data)	p4	380/Dec 12##
Brian Eastergaard/Kevin Crosado	Weathering: Bringing the Davidson to life	p9	380/Dec 12##
Alec Fenton/Kevin Crosado	Locomotivery: DH revisited	p11	380/Dec 12##
Adrian Howard	Structures: Scratchbuilding a cardboard icon (Fleming's Mill Gore)	p12	380/Dec 12##
Grant Fletcher	Car & wagon: Napier Trams—part three	p14	380/Dec 12##
Ian Hammond/Mike Boutle	Structures: The builders move in—part one (Kopikopiko Freezing Co)	p17	380/Dec 12##
Robin Knight	Locomotivery: Pantographs	p20	380/Dec 12##
Kevin Crosado	Text and Photos: Class P three-box hopper wagons (includes wagon numbers)	p23	380/Dec 12##
	Plan: Class P hopper wagon, drawing 5375 and 5373	p28	380/Dec 12##
Jack Creber/Weston Langford	Sixties Style: Northland lime trains	p30	380/Dec 12##
Paul Mahoney	Rail history: Black brothers [bush tramway], Okarito (includes lokey plan)	p32	380/Dec 12##
Les Downey	Hints and tips: What to do when there's no room for your test track	p34	380/Dec 12##
Peter Ross	Report: Christchurch NZR Modeller's Group (Brendon Lean adds details to Kevin Leigh UK wagon kit).	p35	380/Dec 12##
Terry Bradley	Report: The 28 th Pokaka cultural convocation.	p36	380/Dec 12##
	Trade news: NZ Finescale, Christchurch Model Supplies, Humbrol, 2012 Westlake Modeler's Annual, Athearn back in production, LGB developments.	p38	380/Dec 12##
	Happy shopping: Low cost height gauge, Alclad II metal finish.	p39	380/Dec 12##
Peter Ross	Comment: Your <i>Journal</i> needs you	p39	380/Dec 12##
Peter Ross	Report: TrainZ 2012	p39	380/Dec 12##
Peter Ross/Kevin Crosado	Obituaries: Allen John Wells, Alan Morton Spencer.	p40	380/Dec 12##
	Report: Wairarapa Words, <i>Kerosine Creek</i> visits Auckland, Grant Morrell store fronts and lawnmower	p41	380/Dec 12##
	Review: <i>Reflections on Charming Creek – mills, mines, tramways and walkways of a pioneering West Coast enclave</i> by Bill Prebble (Greg Keay).	p41	380/Dec 12##
	Train Advices	p42	380/Dec 12##
	Postbag: Nelson Kennedy re 1:34-scale underframes; Daniel van Kanel, update on modelling in Canada.	p43	380/Dec 12##
Paul Berntsen photos	Member's ad: Paul Berntsen's 1:43 2ft gauge layout for sale.	p43	380/Dec 12##
Les Downey photos	Locomotivery: Non-working 1:64-scale model of Ja1280 based on JG kit.	Back	380/Dec 12##

Peter Ross photo	Photo: On Line Ab722 on John Dudson's One Track Minds module <i>Kakariki</i>	Cover	381/Mar 13##
Kevin Crosado photos	Journal Jewels: Grant Morrell's <i>Nightrunner</i> decalled ZA wagon	p2	381/Mar 13##
Kevin Crosado photo	Photo: Alec Fenton's models of DC4415 and DA512	p3	381/Mar 13##
Keith Rimmer	1:148 Layout: <i>Te Kereru</i> : a Coromandel Peninsula gold mine in 1:148 scale	p4	381/Mar 13##
Jack Creber photos	50s Focus: Green days at Portland – Portland Peckett No 2, Avonside Nos 7 (formerly PWD508) and 9	p10	381/Mar 13##
Neil Ward	Techniques: Why plastic and why 1:34 scale? – developments in rapid prototyping/3D printing)	p12	381/Mar 13##
Kevin Crosado photos	Locomotivry: DC4415 in 1:64 scale – etched and rapid prototyped model details	p17	381/Mar 13##
Graham Dredge	Electrics: Lighting up my loco shed – LEDs and light strips	p18	381/Mar 13##
Craig Guthrie	Electrics: Making a static grass applicator	p21	381/Mar 13##
Darryl Palmer	Car & wagon: BKC wagons – Kaipara Co-op Dairy Co containers	p23	381/Mar 13##
	Plan: Class UBP bulk plaster wagon	p24	381/Mar 13##
Kevin Crosado	Prototype: UBP and UBK bulk plaster wagons	p26	381/Mar 13##
Paul Napier/Kevin Crosado	Locomotivry: Union Foundries' No 30 of 1940 (includes plan)	p31	381/Mar 13##
Ray Lantz	Added detail: Making fiddly bits – leaf springs	p34	381/Mar 13##
David Batchelor photos	Perspective: Pikipiki Tramways remembered – Merv Smith layouts retrospective	p36	381/Mar 13##
Peter Ross	Report: Christchurch NZR Modellers' Group – photo EWR wagon in styrene	p37	381/Mar 13##
John Agnew/Paul Woods photos	Trade news: Railmaster Exports Baldwin T kit, Woodworks' 1:24 and 1:34 NZR couplers, Mark's Model Works one-piece four wheel wagon chassis	p38	381/Mar 13##
	Happy shopping: Rivet decals, Faller trees, MRC sound controller	p39	381/Mar 13##
Graham Dredge	Report: K9 run with the Westies – Nine 1:64-scale K and Ka locos get together	p41	381/Mar 13##
	Report: Wairarapa Words – Grant Morrell power poles and <i>Railfreight Z</i> wagon	p41	381/Mar 13##
Peter Ross	Comment: Thoughts on the perfect layout	p39	381/Mar 13##
	Obituary: William (Bill) Roderick Richmond	p42	381/Mar 13##
Greg Keay	Reviews: <i>Parker's guide to over 30 model railway products you can build; How to build a model railway</i>	p43	381/Mar 13##
	Train Advices	p42	381/Mar 13##
Peter Ross photos	1:64 Layout: Two scenes on the One Track Minds layout at the 2012 Big Little Train Show – John Dudson's <i>Red Swamp</i> and Jason Horne's <i>Oaro</i>	Back	381/Mar 13##
Kevin Crosado photo	Locomotivry: Close-up of cab area of Alec Fenton's 1:64-scale model of 'Super DA 512'	Cover	382/Jun 13##
Peter Ross photos	Journal Jewels: J3813 built by Peter Ross from a finescale Alec Fenton/Neville Connew kit	p2	382/Jun 13##
E J McClare photo	Photo: Aa654 at Ohakune, January 7, 1953	p3	382/Jun 13##
Graham Dredge	Electrics/Scenicking: Lighting up buildings (using LEDs)	p4	382/Jun 13##
Darryl Palmer	1:64 Layout: A slice of heaven	p7	382/Jun 13##
Jim Staton	Plan, text and photos: Blackwater school	p12	382/Jun 13##

Russell Smith	Locomotivery: No17, you be a nice looking loco (Brooks Ub)	p17	382/Jun 13##
Ray Lantz	Techniques: Making fiddly bits—appliqué rivets	p20	382/Jun 13##
Les Downey	Road vehicles: An elderly truck (Ford AA from Matchbox MB73)	p22	382/Jun 13##
Kevin Crosado/Graeme McClare	Plan and text: Class Aa locomotive as rebuilt 1940 - 42	p24	382/Jun 13##
	Plans: X12985 Aa cab arrangement	p26	382/Jun 13##
	Plans: X12983 Aa tender tank and bunker arrangement	p27	382/Jun 13##
	Plans: X211685 Aa tender tank ladder	p28	382/Jun 13##
E J McClare photos	Locomotivery: Photographs and extended captions, Aa locomotives as rebuilt	p29	382/Jun 13##
Kevin Crosado	Locomotivery/Plan, Photos and text: PWD Planet 40hp 4wPM locos	p34	382/Jun 13##
Peter Ross	Report: Christchurch NZR Modellers' Group – photo Brendon Lean's full size track plan	p37	382/Jun 13##
Darryl Palmer/North Yard photos	Trade news: Mark's Model Works 1:64 one-piece four wheel wagon chassis, North Yard patterned brass sheets, Station Rd HEC bulk grain container	p38	382/Jun 13##
Peter Ross	Comment: The times they are a changin'	p39	382/Jun 13##
Bryan Lawrence photos	Scenes from TrainZ 2012	p40	382/Jun 13##
	Report: Wairarapa Words – Grant Morrell scratchbuilds a batch of 20 J class sheep wagons	p41	382/Jun 13##
	Train Advices	p42	382/Jun 13##
	Happy shopping: Small engineers' square, Blue Point turnout controller, Carr's ballast, WoodsWorks, The Train Depot	p43	382/Jun 13##
Peter Dyer photos	UKC coal container wagons	p44	382/Jun 13##
Kevin Crosado photos	Locomotivery: Both sides of Alec Fenton's 1:64-scale model of 'Super DA 512'	Back	382/Jun 13##
Kevin Crosado photo	Locomotivery: Paul Berntsen-built Ww486 seen at Pokaka 2012	Cover	383/Sep 13##
Graham Dredge photos	Journal Jewels: 1:64-scale model of the pioneering MacEwan Pratt railcar	p2	383/Sep 13##
Andy Neilsen photo	Photo: Dsc2680 on Ken Devlin's <i>Leith Valley</i> layout	p3	383/Sep 13##
Andy Neilsen	1:64 Layout: Ken Devlin's <i>Leith Valley</i> locos: an update	p4	383/Sep 13##
John Pudsey	Tools: Build a high speed drill press	p10	383/Sep 13##
Graham Dredge	Electrics: Lighting up – a blinking Fm van (and decoder installation tips)	p11	383/Sep 13##
Spencer Lawry	Structures: Sliding railway yard gates	p15	383/Sep 13##
Archives NZ/Les Hostick/Jack Creber	50s Focus: Pokaka	p18	383/Sep 13##
Wayne Brindle	Locomotivery: Converting a Bachmann Climax tp 1:64 scale	p20	383/Sep 13##
Les Downey	Hints and tips: To clamp or not to clamp (a range of clamps and their usefulness to the modeller)	p22	383/Sep 13##
Kevin Crosado/Archives NZ	Plan, photos and text: PWD9455 Standard drawing 18-stall engine shed, roundhouse pattern	p24	383/Sep 13##
Bruce Geange	Locomotivery: Building an O-gauge TTT Co Mallet locomotive	p33	383/Sep 13##
Ray Lantz	Techniques: Making fiddly bits -- benchwork	p35	383/Sep 13##

E J McClare photos	Locomotivory: Photographs and extended captions, Aa locomotives as rebuilt	p29	383/Sep 13##
Kevin Crosado	Locomotivory/Plan, Photos and text: PWD Planet 40hp 4wPM locos	p34	381/Sep 13##
Peter Ross	Report: Christchurch NZR Modellers' Group – photo Jason Horne's model of Ec7	p37	381/Sep 13##
Darryl Palmer/Mark Andrews/ Paul Woods photos	Trade news: Station Road (NA/NH wagon kits), Mark's Model Works (10ft underframe etch), Woodworks (1:24 and 1:34 NZR couplers), Scenery Unlimited (new catalogue), Aristo-Craft and Finescale Miniatures to close, <i>Weathering Magazine</i> threatened	p38	383/Sep 13##
Peter Ross	Comment: Fair play or foul? (GST and customs charges on online imports)	p39	383/Sep 13##
	Happy shopping: Red Devil Onetime Spackling (lightweight filler), Warrior brand hobby vice, You Shop, Grandt Line nut/bolt/washers, Gapmaster etched PCB sleepering	p39	383/Sep 13##
Peter Ross	Report: Arthur's Pass 2013	p40	383/Sep 13##
	Report: Wairarapa Words – Grant Morrell, Don Wills and Darryl Palmer modelling weekend, etched bicycle, annual train show	p41	383/Sep 13##
	Train Advices	p42	383/Sep 13##
Kevin Crosado	Review: <i>NZR Stand Alone Mechanical Signal Boxes of the HJ Wynne Era 1900-1929</i>	p43	383/Sep 13##
Paul Woods	Postbag: 'Right' technology	p44	383/Sep 13##
Kevin Crosado photos	Locomotivory: Paul Berntsen's model of Ww486 with some of the detailing explained	Back	383/Sep 13##
Kevin Crosado photo	Locomotivory: Darryl Palmer's model of DA535 photographed on Alec Fenton's Kaipara Flats overbridge	Cover	384/Dec 13##
Alec Fenton photos	Journal Jewels: Littlewood kit J wagons + future AKF Kp on Alec Fenton's Kaipara Flats overbridge	p2	384/Dec 13##
Spike Dodds photo	Locomotivory: G57 close up.	p3	384/Dec 13##
John Pudsey	Locomotivory: Building a Black Hawthorn G: some notes on an award winner	p4	384/Dec 13##
Greg Keay	Report: 1:120-scale NZ modelling update	p8	384/Dec 13##
Stuart Walker	Structure: Fleming's mill -- Invercargill	p12	384/Dec 13##
Peter Ross	Locomotivory: What size is that pipe? (typical diameters of steam locomotive plumbing)	p15	384/Dec 13##
Graham Dredge	Electrics: Lighting up – the end of the train (using LEDs)	p16	384/Dec 13##
Kevin Crosado	Photos, plans and text: X4728 Standard side and tail lamps	p19	384/Dec 13##
Les Downey	Hints and tips: From trash to treasure (storage for wire and brass strips)	p22	381/Sep 13##
Gavin Sowry	1:64 Layout: <i>Glen Road</i> (slightly less than one foot square)	p23	384/Dec 13##
NZ Archives <i>et al</i>	Plans and photos: G-class 4-4-0T locomotive	p24	384/Dec 13##
Kevin Crosado	Locomotivory: Drg 1926A G-class 4-4-0T locomotives	p26	384/Dec 13##
Wayne Brindle	Car & wagon: 1930s private-owner tank wagons (includes signwriting diagrams and DIY decals)	p30	384/Dec 13##
Trevor James	Perspective: <i>Trains in the Tron:</i> the [upcoming] 2014 convention (+ sidebar on Lace Mindheim)	p34	384/Dec 13##
Peter Ross	Report: Christchurch NZR Modellers' Group – photo Brendon Lean's 1:64 Ug wagon in styrene	p37	384/Dec 13##

Mark Andrews/Graham Dredge photos	Trade news: Mark's Model Works (1:64-scale B-class Fairlie brass etchings), Westimation (\$3 packs of electronics components, resistor board, new FX modules, etc), QSI restructured, Hornby losses	p38	384/Dec 13##
Peter Ross	Comment: On getting things done	p39	384/Dec 13##
	Happy shopping: Kyosho and Tomica Vintage diecast cars, laser-cut structure kits, Micro Mark bristle discs, Maillefer rotary burrs	p40	384/Dec 13##
Kevin Crosado/Peter Ross photos	Report: Pokaka 29 – maybe the last cultural convocation at milepost 333	p41	384/Dec 13##
	Train Advices	p42	384/Dec 13##
Greg Keay	Review: <i>Trains, Tunnels, Bridges: Icons of Our NZ Rail History</i>	p44	384/Dec 13##
Kevin Crosado photos	Photos: 1:64-scale Layout: Trains photographed at Pokaka 2013 on Alec Fenton's <i>North Auckland Line</i> module	Back	384/Dec 13##
Peter Ross photo	Locomotivery: Brendon Lean's scratchbuilt model of DC4277	Cover	385/Mar 14##
Grant Morrell photos	Journal Jewels: Don Wills' Kiwi-ised 1:64-scale Vanguards Leyland Comet	p2	385/Mar 14##
Kevin Crosado photo	Locomotivery: Hudswell Clarke D602 of 1936 shunting at Motat	p3	385/Mar 14##
Brendon Lean	Locomotivery: Build your own diesels from styrene	p4	385/Mar 14##
Darryl Palmer	Car & wagon: Wheel wagon EAR73	p8	385/Mar 14##
Ken Lankshear	Lineside: Small town shop	p11	385/Mar 14##
Wilson Lythgoe/Peter Ross	Plan and photos: A railway you could model: The Glen Afton Branch c1965 (includes yard plans)	p12	385/Mar 14##
Greg Keay/Robin Knight/ Les Downey/Darryl Palmer	Locomotivery: A tale of three small locos (Hudswell Clarke Type D29 of 1936, includes plans)	p18	385/Mar 14##
Kevin Crosado/Graham Bell	Photos, plans and text: NK wagons – the final four wheelers	p24	385/Mar 14##
Ray Lantz	Hints and tips: Making fiddly bits – architectural louvres	p30	385/Mar 14##
Graham Dredge	Electrics: What the Westies are up to: the great signalling project, part 1	p32	385/Mar 14##
Les Downey	Hints and tips: Whose wagon is that anyway? (Adding an identifying label to your models)	p34	385/Mar 14##
Peter Ross	Report: Christchurch NZR Modellers' Group – "old" NZR sign, G wagon underframe, scratchbuilt Wf loco, Wa body repairs	p36	385/Mar 14##
Mark Andrews/Graham Dredge	Trade news: Mark's Model Works (additional underframe etches), Westimation (level crossing flasher and photos bell sound module), Woodsworks (now producing 1:34-scale JG Wa loco kit)	p37	385/Mar 14##
	News: Guild AGM notice, Hamilton Convention programme, NZR in British magazine, <i>British Railway Modelling</i> has new editor, George Selios (Finescale Miniatures) not retiring after all, new Athearn owners	p38	385/Mar 14##
	Obituary: Eric Frederic Burns, 24 July 1922 – 6 January 2014	p39	385/Mar 14##
Peter Ross	Comment: No man is an island entire of itself ...	p39	385/Mar 14##

	Happy shopping: Vacuum forming machine, scrawker, sound decoder suppliers, diecast Karmann Ghia and fire engine, <i>Steam Locomotives</i> by Iain Rice, <i>Kit Building for Railway Modellers</i> by George Dent, useful padding material.	p40	385/Mar 14##
	Train Advices: Coming events	p42	385/Mar 14##
Peter Ross	Report: Show Weekend in Blackball	p43	385/Mar 14##
Darryl Palmer	Review: Cross Creek UBW kitset	p43	385/Mar 14##
	Postbag: Paul Andersen-Gardiner seeks information about carriages at Te Aute c1887	p45	385/Mar 14##
Bryan Lawrence photos	Locomotivory: Portraits of Kelvin Barry-built JG kitset locos, Ja1267 and J1211	Back	385/Mar 14##
Barry Fitzgerald photo	Locomotivory: Barry Fitzgerald's best-in-show Heisler pictured on his layout	Cover	386/Jun 14##
Graham Dredge photos	Journal Jewels: Graham Dredge's Model T railcar ex an Ironhorse Hobbies kit.	p2	386/Jun 14##
Grant Morrell photo	Locomotivory: The front engine unit of Grant Morrell's G class Garratt	p3	386/Jun 14##
Grant Morrell	Locomotivory: The 1:64-scale NZR G-class Garratt build (step-by-step from the JG kit)	p4	386/Jun 14##
Kevin Leigh/Brendon Lean	Car & wagon: The UK wagon: once it was the highsider that ruled the rails, now it is the no-sider	p8	386/Jun 14##
Peter Ross	Report: Hamilton convention 2014	p12	386/Jun 14##
Graham Dredge	Car & wagon: Very rare NZR kits? (The Ironhorse Hobbies Model T railcar and trailer)	p22	386/Jun 14##
KiwiRail	Plan: UKH general-purpose flat-deck container wagon	p24	386/Jun 14##
Soren Low	Plan, text and photos: UKH wagons	p26	386/Jun 14##
Tim Parkinson	Operation: Why run trains? (NZR layout with car-card system)	p30	386/Jun 14##
Trevor James	Scenicking: Trevor James' cabbage trees and ferns	p35	386/Jun 14##
Peter Ross	Report: Christchurch NZR Modellers' Group – etched brass DH, realistically finished USL wagon, expertly weathered La wagon, neat bolt details on Vb wagon, R wagon fitted with tarpaulins	p36	386/Jun 14##
John Agnew	Photo: A scene on the late Paul Scoles' Pelican Bay Railway & Navigation Co layout	p37	386/Jun 14##
Lawrence Boul	Trade news: NZ Finescale Fell van kit, website upgrade.	p37	386/Jun 14##
	News: TrainZ14; future NZAMRC conventions	p37	386/Jun 14##
	Obituary: Vale Paul Scoles	p38	386/Jun 14##
	Happy shopping: Ados GreenStik, LED desk lamp, blowtorch, magnifying safety glasses, Glowire, Dye'n'shine, Model Railroad Hobbyist magazine	p38	386/Jun 14##
Peter Ross	Comment: Togetherness: it's fun ... and productive	p39	386/Jun 14##
	News: Hornby loss, Vollmer shuts doors, Model Power-Mantua hits buffers	p39	386/Jun 14##
Peter Ross	Report: Arthur's Pass 2014	p40	386/Jun 14##
Peter Ross	Hints & tips: Soldering iron hints	p41	386/Jun 14##
	Train Advices: Coming events	p42	386/Jun 14##
Peter Ross/Kevin Crosado/Greg Keay	Reviews: <i>Steam Inclined: Memories of ex-Coaster Bryon Marinar</i> by Stephen Wright, "Tringamoot"—		

	<i>The story of Taringamutu Totara Sawmills Ltd</i> by Ken Anderson and Ron Cooke, <i>Hyde & Railway</i> by Gary Riggs	p43	386/Jun 14##
Mike Coghlan	Postbag: Dinwoodies' Mill (mill and bush tramway near Pokaka)	p45	386/Jun 14##
Barry Fitzgerald/Alex Smith photos	Locomotivory: Barry Fitzgerald's top-scoring 1:64 Heisler ex HO RTR model. Car & wagon: Alex Smith's 1:64 scratchbuilt Ongarue van, winner of the Guild Trophy.	Back	386/Jun 14##
Peter Ross photo	Locomotivory: A Model Company-built Q346 passing Eweburn on the 1:34 <i>Ida Valley</i> layout	Cover	387/Sep 14##
Kevin Crosado photos	Journal Jewels: Mamaku bush tram jiggers converted from 1:43-scale Fords by Paul Berntsen	p2	387/Sep 14##
Peter Ross photo	1:34 Layout: G99-headed train passes another goods near Eweburn on the 1:34 <i>Ida Valley</i> layout	p4	387/Sep 14##
Peter Ross	1:34 Layout and track plan: <i>Ida Valley:</i> A look back at one of the most notable NZR layouts to date	p5	387/Sep 14##
Graham Dredge	Scenicking: Asti's tree: How he made a tiny native forest diorama.	p11	387/Sep 14##
Andy Neilsen	Locomotivory: 1:64-scale cardboard locomotive construction, Ken Devlin style	p12	387/Sep 14##
John Le Cren photos	50s Focus: The 1957 Waikokopu slip	p14	387/Sep 14##
Peter Hopcroft	Tools: The noble piercing saw: one of the scratchbuilder's most useful tools	p16	387/Sep 14##
Graham Venning	Trackwork: Tracklaying master class: Part one—hand laid track	p19	387/Sep 14##
Les Frost	Trackwork: Keeping track noise down	p23	387/Sep 14##
Kevin Crosado/Juliet Scoble	Plan, text and comprehensive photos: CC wagons	p24	387/Sep 14##
Ray Lantz	Scenicking: Making fiddly bits: fungus, moss and lichen	p31	387/Sep 14##
	Finer details: Fire buckets (photos and plan Y35748)	p34	387/Sep 14##
Peter Ross	Report: Christchurch NZR Modellers' Group – Ian Hammond and Hugh Daubney visit, Kevin Leigh USQ and NH wagons	p36	387/Sep 14##
	Trade news: North Yard diesel mechanisms, Mark's Model Works 1:76 J wagon underframe etch, NZ Finescale Q-1 and Q-4 wagon kits, Little Red Engine (aka Shapeways) detail parts for Hudswell Clarke D-29, and Leyland half-cab bus body, Glenorchy Models 1:48 diesel locomotive body etches	p37	387/Sep 14##
	News: Pokaka 30 info, new owner for <i>Railroad Model Craftsman</i>	p37	387/Sep 14##
	Happy shopping: Small lathe, Lokprogrammer cable, nut and bolt detail, double-sided tape	p39	387/Sep 14##
Peter Ross	Comment: <i>Unus pro omnibus, omnes pro uno:</i> all for one and one for all	p39	387/Sep 14##
Peter Ross	Review: <i>Stop the train I want to get on: Rediscovering NZ rail journeys</i> by Graham Hurchins	p40	387/Sep 14##
Neil Ward	Photo report: 3D printed cars and van, and professionally built Ka and J locos at the Hamilton train show	p40	387/Sep 14##
Grant Fletcher	Postbag: Model T Ford railcar (another one, with pictures)	p44	387/Sep 14##
Neil Ward photos	Car & wagon: One piece 3D printed X25065 50ft car and Urc wagon in 1:34 scale	Back	387/Sep 14##
Kevin Crosado photo	Locomotivory: Paul Berntsen's 1:19 scale model of Orenstein & Koppel No.1411 <i>Bertha</i>	Cover	388/Dec 14##
Peter Ross photos	Journal Jewels: Two views of Alec Fenton's etched and 3D printed 30ft steel guard's van	p2	388/Dec 14##

Graham Dredge photo	1:64 Diorama: Glen Metcalf's 100mm square <i>Beachside Caravan</i> diorama	p3	388/Dec 14##
Graham Dredge words and photos	1:64 Dioramas: Twelve Square Westies, 12 Auckland Westies build 100mm-square dioramas	p4	388/Dec 14##
Paul Berntsen	Locomotivory: Bertha, a 1:19-scale Orenstein & Koppel 0-4-0WT	p7	388/Dec 14##
John LeCren photos	Sights of the Seventies: Kaikohe Branch	p12	388/Dec 14##
Brendon Lean	Weathering: The UK (and other wagons) – part 2	p14	388/Dec 14##
Graham Venning	Trackwork: Tracklaying master class: Part two—a simpler form of hand laid track	p19	388/Dec 14##
Stephen Duffell	Trackwork: A useful turntable/traverser	p22	388/Dec 14##
NZR&LS	Plans: OP2589/2 and OP2589/6 demountable petrol tanks for Mcp wagons	p24	388/Dec 14##
Kevin Crosado	Photos, plan and text: Mcp container tank wagons	p26	388/Dec 14##
Peter Ross	Report: 1:48 – a new scale on the block?	p32	388/Dec 14##
Peter Ross	Report: Christchurch NZR Modellers' Group – overload protection bulbs, pick-up problem	p37	388/Dec 14##
	Trade news: Station Rd NA/NH, Right Track neon signs, NZF micro drills	p38	388/Dec 14##
Grant Morrell	Report: Pokaka 30	p37	388/Dec 14##
Peter Ross	Comment: An approach	p39	388/Dec 14##
Peter Ross	Report: TrainZ14	p40	388/Dec 14##
	Happy shopping: Lenz touchcab, LED magnifying lamp, Q-cells, Russian truck kit	p40	388/Dec 14##
	News: 'New' <i>Model Railroad Craftsman</i> out, Kadee co-founder dies	p41	388/Dec 14##
Kevin Crosado	Reviews: <i>Finescale Railway Modelling, Ferrymead 50</i>	p40	388/Dec 14##
Ian Jenner	Postbag: Erua and Mamaku	p44	388/Dec 14##
Kevin Crosado photos	Locomotivory: Two views of Paul Berntsen's 1:19-scale Orenstein & Koppel	Back	388/Dec 14##
Peter Ross photo	Photo: Daryl Roe's Dg passing Trevor Corrin's two-arm semaphore signal on the OTM layout	Cover	389/Mar 15##
Peter Ross photos	Journal Jewels: Two views of Daryl Roe's un-recabbed dummy Dg at AP14.	p2	389/Mar 15##
Peter Ross photo	1:24 layout: Ja1268 on Kerry Patterson's <i>Ashburton Forks Railway</i>	p3	389/Mar 15##
Peter Ross	1:24 layout: NZR in the garden: <i>Ashburton Forks Railway</i>	p4	389/Mar 15##
Peter Ross	Machinery: Gravel extraction workhorse – Gordon Barr's 19-RB dragline.	p10	389/Mar 15##
Nelson Kennedy	Car & wagon: A finely-detailed 1:64-scale J wagon body ready for paint in one evening.	p12	389/Mar 15##
Graham Dredge	Tools: Tools you wonder how you did without	p15	389/Mar 15##
Graham Venning	Trackwork: Tracklaying master class: Part three—hand-laid turnouts	p17	389/Mar 15##
Peter Ross	Weathering: Improving printed textures.	p23	389/Mar 15##
Peter Ross	Techniques: Easy end rails	p23	389/Mar 15##
Kevin Crosado	Plan and photos: PWD24358 station building as at Katikati and Te Puke	p24	389/Mar 15##
Kevin Crosado	Station File: Katikati Station (includes good shed and yard plan)	p30	389/Mar 15##
Peter Ross	Report: Christchurch NZR Modellers' Group – headlight reflector, 3D Dsc body, 3D Tr body and chassis	p35	389/Mar 15##

	Trade news: DCC Concepts etched sleepers, track gauges, solder and flux, NZ48 whitemetal bogie and underframe parts, <i>Continental Modeller</i> , <i>Voie Libre</i> now in English, new Wild Swan owner, North Yard Ds chassis, fine stainless steel mesh, sanding sponges, BTS sawmill interior, Septone blade putty	p36	389/Mar 15##
Peter Ross	Comment: Situations vacant	p39	389/Mar 15##
	Obituaries: Jim Pilkington, John Brewer	p40	389/Mar 15##
	Trade news: Hornby trading update	p39	389/Mar 15##
Peter Ross	Review: DCC Concepts Sapphire Solder and flux, etched sleepers and track gauges;	p40	389/Mar 15##
Kevin Crosado	Review: The Wairarapa Class Railcars and Rimutaka Incline – inception, design operation by Richard Heine	p41	389/Mar 15##
Trevor Cheer	Review: West Coast Enginemen by Ian Tibbles	p43	389/Mar 15##
	News: 'New' <i>Model Railroad Craftsman</i> out, Kadee co-founder dies	p41	389/Mar 15##
Kevin Crosado	Reviews: <i>Finescale Railway Modelling</i> , <i>Ferrymead 50</i>	p40	389/Mar 15##
Ian Jenner/Paul Napier	Postbag: <i>Bertha</i> , notes and photos; Mamaku Bush jiggers	p44	389/Mar 15##,
Peter Ross photos	Car & wagon: Kerry Patterson's scratchbuilt 1:24-scale 30ft clerestory van and Xa wagon	Back	389/Mar 15##
Peter Ross photo	1:64 layout: An early morning start as Wf401 shunts the Glasnevin ballast pit	Cover	390/Jun 15##
Peter Ross photos	Journal Jewels: Tim Marshall's scratchbuilt 1:64-scale 44/48hp Ruston & Hornsby 0-4-0 loco	p2	390/Jun 15##
Kevin Ward photo	1:34 layout: Wab 786 on the Hamilton railway bridge	p3	390/Jun 15##
Keith Rimmer	1:148 layout: <i>Six Mile Bush</i>	p4	390/Jun 15##
Neil Ward	Techniques: The tale of the Hamilton railway bridge (3D printing on a grand scale)	p12	390/Jun 15##
Colin Barry	Prototype: Scenes you could model: South Beach ballast pit	p15	390/Jun 15##
Peter Ross	1:64 layout: Glasnevin ballast pit (modelling stratified gravels)	p19	390/Jun 15##
Les Downey	Weathering: Authentic colours and weathering	p23	390/Jun 15##
Kevin Crosado	Plan, text and photos: The Davidson 0-6-0Ts (<i>Weka</i> and kin)	p24	390/Jun 15##
Kevin Crosado	Finer details: Station nameboards. Gore, Tawa Flat, Stratford, Waiouru, Petone, Rauponga, Penrose Arthur's Pass, Otiria, Tiroroa	p32	390/Jun 15##
Peter Ross	Report: Christchurch NZR Modellers' Group – Pahia Station, Arduino controller, round-topped windows	p37	390/Jun 15##
	Trade news: Mark's Model Works sight-feed oiler and headlight castings, Majik 2016 calendar, Forgotten World Adventures on the SOL, new owner for <i>MREmag</i> , <i>All Scale Rails</i> magazine, <i>Scale Rails International</i> magazine, Weaver Models closing, Hornby back in profit	p38	390/Jun 15##
Russell Postlewaight	Obituary: Brian Eastergaard	p40	390/Jun 15##
Peter Ross	Comment: Home thoughts from abroad	p39	390/Jun 15##
	Obituary: Dave Moore, Bob Barlow, Ian Allen, Steve Stevens-Stratton, Richard Wrenn	p40	390/Jun 15##
Maurice Duston	Photos: Two views of the late Dave Moore's layout	p40	390/Jun 15##
	Happy shopping: Parallel action pliers, wheel puller, rotary wire brush, 0.5mm PCB	p41	390/Jun 15##

Kevin Crosado	Review: <i>Railroad Model Craftsman</i>	p43	390/Jun 15##
Graham Dredge	Postbag: Solder and flux, comment on Sapphire Solder review	p43	390/Jun 15##,
Grant Morell photos	Photos: Grant Morrell's 1:64-scale Kia Ora Dairy, real and modelled	Back	390/Jun 15##
John Agnew photo	Locomotivery: 1:64-scale T106 in 19 th century condition, built by Lexi Browne, painted by David Fletcher	Cover	391/Sep 15##
Peter Ross photos	Journal Jewels: Robin Knight's 1:64-scale brass models of Eb26 and NZ Co-op Dairy's Goodman	p2	391/Sep 15##
EJ McClare photo	Photo: Eb28 at Addington	p3	391/Sep 15##
Adrian Howard	1:64 layout: <i>The Longford and Pomona</i> (or whatever happened to the Fleming's Creamota Mill model?)	p4	391/Sep 15##
Grant Fletcher	Trams/Bits and bytes: DCC and trams	p10	391/Sep 15##
Graham Dredge	Tools: Better ways of cleaning your track and wheels	p13	391/Sep 15##
Peter Ross	Report: The Best of British: Some top layouts from the other side of the world	p15	391/Sep 15##
Peter Ross	Scenicking: The <i>Bucks Hill</i> backscene	p20	391/Sep 15##
Les Downey	Tools: Watch out son, Daddy's got your Lego again. Checking wagon height, width, overhang, etc.	p22	391/Sep 15##
Brian McKenzie	Plan and rendering: Eb26 battery-electric locomotive	p24	391/Sep 15##
Kevin Crosado	Prototype: Eb-class battery-electric locomotives	p26	391/Sep 15##
Alex Smith	Scenicking: <i>Awakino</i> : A slice of classic NZ scenery in 100mm x 100mm	p31	391/Sep 15##
JM Creber & Trevor Cheer	Lineside: Water vats and standpipes at Ohakune	p34	391/Sep 15##
Wayne Brindle	Locomotivery: Improved North Yard chassis drive – A better silicone rubber coupling	p36	391/Sep 15##
Peter Ross	Report: Christchurch NZR Modellers' Group – Weathered Dj3194, CMP tow truck, Fairlie mock-up	p37	391/Sep 15##
	Trade news: Railmaster Exports T kits, Trackgang NZ120 wheels and Shapeways bodies, Fleischmann insolvent, <i>Narrow Gauge & Shortline Gazette</i> on disc, Kader/Bachmann do better, new CE at Rail Heritage Trust	p40	391/Sep 15##
Peter Ross	Report: AP15 modelling weekend at Arthur's Pass	p38	391/Sep 15##
Peter Ross	Obituary: <i>Model Railroader</i> former editor Andy Sperandeo	p39	391/Sep 15##
Peter Ross	Comment: Convention 2016 is a 'comin'	p39	391/Sep 15##
	Happy shopping: <i>Clever models</i> card structure kits, Monster Model Works false-front building kits, Greenlight 1:64-scale figures, Lais DCC decoder, DCC Concepts loco carrier	p40	391/Sep 15##
Peter Ross	Review: <i>Model Railroad Hobbyist</i> , TOMA (The One Module Challenge), Sketchup tutorial	p43	391/Sep 15##
Ken Lankshear	Comment: GST on offshore purchases – an update	p43	391/Sep 15##,
Greg Moore, Mark Denne, Peter & Sue l'Anson, John Agnew	Postbag: Dave Moore obit, Thanks, Dairy or Diary? Off-colour images	p44	391/Sep 15##
John Agnew	1:64 layout: Two scenes featuring Railmaster Exports T106 as built by Lexi Browne and painted by David Fletcher using Tamiya Luftwaffe Dark Green, Linoleum Brown and Testor's Gunmetal Metalizer	Back	391/Sep 15##

Peter Ross photo	1:64 layout: A Dg-hauled goods passes Totara on Peter Kearns' <i>Waimanu</i> layout	Cover	392/Dec 15##
Graham Dredge photos	Journal Jewels: D16, built by Graham Dredge from a JG kit, and an abandoned truck modified from a Lledo Days Gone model. Both weathered using ground chalks.	p2	392/Dec 15##
Peter Ross photo	Photo: The signal box built by the late Keith Collins for <i>Waimaru</i>	p3	392/Dec 15##
Peter Kearns	1:64 layout: <i>Waimaru</i> . Based on Oamaru and featuring an accurate model of the Troup station.	p4	392/Dec 15##
Les Downey, Daryl Palmer	Road vehicles: From rail to road: Converting diecast trucks into horse floats	p11	392/Dec 15##
Graham Dredge	Electrics: Build a static grass applicator for under \$20 (fly swat conversion)	p15	392/Dec 15##
Paul Berntsen	Tools: Solder hotplate (a method for laminating large areas of brass or nickel silver)	p16	392/Dec 15##
Grant Fletcher	Trams: Napier trams – the Boons. Scratchbuilding from old photos	p17	392/Dec 15##
Rex Morgan	Sixties style: Loading sawn timber at Gladstone, TeKinga, Ross and Arnold	p20	392/Dec 15##
Nelson Kennedy	Locomotivity: Interesting locomotive development: Hudswell Clarke with pulley drive	p22	392/Dec 15##
Brian McKenzie	Plan: Eb25 (converted to diesel-electric, as held at MOTAT)	p24	392/Dec 15##
Kevin Crosado	Prototype: Eb-class genset locomotives (conversion of Goodman battery-electric Ebs to diesel-electric)	p26	392/Dec 15##
Peter Ross	Report: NZR Modellers Group, scratchbuilt R class single Fairlie progress, Dg back to original cab, Peco points modification, 1957 Mobilgas Rally Toyota, Hallmark fire engines, Celyn Bennet and Victor Gan demonstrating their skills at Christchurch train show	p36	392/Dec 15##
	Trade news: Railmaster Exports 55ft turntable, Accucraft Australia 1:35-scale steam tram, Warners magazine buy-up, Hornby profit warning, International model railway day	p37	392/Dec 15##
Mark Denne	News: Reported that <i>Weka</i> was in Timaru by 1879	p37	392/Dec 15##
Grant Morrell	Report: Pokaka 31: Another great weekend at the Taylor Memorial Lodge	p38	392/Dec 15##
Peter Ross	Comment: Your Guild needs a few of you	p39	392/Dec 15##
	Happy shopping: Colour laser printer, Lawton belt drives, Metalsmith rivet embossing tool, micro nuts, bolts and rivets, Monster Model Works buildings, Micro Mark rolling road and mini disc/belt sander	p40	392/Dec 15##,
David McCallum	Report: News from the south. Trevor McMurdo's models of B303 and an Invercagill house	p40	392/Dec 15##
Phil Smith	Review: <i>More than just a place to work:</i> A history of Dunedin's Hillside Workshops	p43	392/Dec 15##
Bill Lloyd, Gordon Johnson	Postbag: Kudos and models for sale, Congratulations	p43	392/Dec 15##,
Neil Ward photos	1:34 layout: Ka941 on Neil Ward's 3D-print-assisted model of the Hamilton River bridge. F254 and Wab786 with 3D-printed buildings and Morris 8 in the background	Back	392/Dec 15##
Graham Dredge photo	1:64 diorama: Ethan's Family Butcher shop by night	Cover	393/Mar 16##
Grant Morrell photos	Journal Jewels: 1:120 Shapeways-printed Wb and coal hoppers	p2	393/Mar 16##
NZRLS archive photo	Photo: Covered bank for loading dry timber at Ellis & Burnand, Magapeehi	p3	393/Mar 16##
John Agnew	1:64 layout: <i>Greymouth to Otira in steam days</i>	p4	393/Mar 16##
Graham Dredge	Hints & tips: DCC cards for Dummies and/or those with senior memories	p15	393/Mar 16##

Chris Bradley, Alan Curtis, Paul Berntsen	Perspective: 50 years of conventions	p17	393/Mar 16##
Les Downey	Car & wagon: My scratchbuilt 13335mm [44ft] wooden guard's van	p20	393/Mar 16##
Cedric Green	Plan and photos: 44ft F brake van	p24	393/Mar 16##
Paul Mahoney, Colin Zeff	Prototype: Sawmill engineering in New Zealand	p28	393/Mar 16##
Peter Ross	Report: Christchurch NZR Modellers Group. 1:160 Lanz Bulldog tractor, HO scale Da, car-van and Hc makeovers, 1:64 Mini Minors	p39	393/Mar 16##
Paul Napier	Obituary: Barry Brickell, 29 October 1935 – 23 January 2016	p40	393/Mar 16##
	Trade news: NZAMRC convention, Mini-AMRA 2016, AMRA 2017, Australian narrow gauge convention, Hornby woes, new Bachmann Europe boss, Atlas buys BLMA, Northeastern Scale Models closes, Oakwood Press sold,	p40	393/Mar 16##
Peter Ross	Comment: The idea is to create an illusion	p41	393/Mar 16##
	Train advice: Coming events for NZ modellers	p42	393/Mar 16##
	Happy shopping: Mini hand drill and 10 drills, safer cut-off disc, electronics components tester, US sound decoder has NZR-type 5-chime whistle	p43	393/Mar 16##,
Graham Dredge photos	1:64 diorama: Day and night on the same small town street scene	Back	393/Mar 16##
Peter Ross photo	1:148 layout: A convincing representation of Cb wagons at the coal mine on Mark Rawdon's portable West Coast <i>Rawdon</i> layout	Cover	394/Jun 16##
Graham Dredge photos	Journal Jewels: Kevin George's JG Models Ja1274 seen on Graham Dredge's layout	p2	394/Jun 16##
Kevin Crosado photo	Photo: Michael Gee's Wellington competition-winning cable car winding house.	p3	394/Jun 16##
Reuben Romany	1:148 layout: <i>NZR in 1:148 scale</i> , Reuben Romany's portable <i>Cascade</i> layout	p4	394/Jun 16##
Darryl Palmer	Car & wagon: NE class four-wheel flat top wagon	p8	394/Jun 16##
	Plan, photos and road numbers: NE class four-wheel flat top wagon	p10	394/Jun 16##
Kevin Crosado	Structures: Jacksons post office (photos and text)	p14	394/Jun 16##
Paul Mahoney, Colin Zeff	Prototype: Sawmill engineering in New Zealand	p28	394/Jun 16##
Peter Ross	Report: Railways @ the Racecourse convention 2016	p18	394/Jun 16##
MJM McLeod, DG Jack	Plans and photos: 20ft and 35ft steel plate girder spans, PWD38381, 38182	p24	394/Jun 16##
Kevin Crosado	Photographs: Railways @ the Racecourse convention 2016	p31	394/Jun 16##
Peter Ross	Report: Christchurch NZR Modellers' Group. Standard railcar interior, PK container wagon, CF wagon NZ Finescale end railings, 3D printed Wf body	p36	394/Jun 16##
	Trade news: NZ Finescale W locomotive kit and #d printed detail parts, MMW diesel grilles, Railmaster Exports Da, Dx and T kits, AK Interactive weathering washes	p37	394/Jun 16##
Peter Ross	News: We loco photographs needed, AMRA 2017, Australian narrow gauge convention, <i>Mainline Modeller</i> on DVD, Hornby reprieve, <i>Finescale Modelling Review</i>	p38	394/Jun 16##
	Corrections: Ub330, not Q, sawmill article.	p38	394/Jun 16##
Peter Ross	Report: Blenheim Model Railway Group (BMRG)	p39	394/Jun 16##

Peter Ross	Comment: What do you think?	P39	393/Mar 16##
	Train advice: Coming events for NZ modellers	p42	394/Jun 16##
	Departures: Les Hostick, H Lee Riley, Chick Yungkurth	p24	394/Jun 16##
	Happy shopping: Guillotine used as magnetic jig, RapidFix adhesive system,	p43	394/Jun 16##,
Colin Zeff photos	1:64 layout: Three photos of the late John Yolland's layout	p44	394/Jun 16##
	Review: <i>Selling the dream—Classis NZ Tourism Posters</i>	p44	394/Jun 16##
	Members' ads: Layout and models for sale ex deceased estate	p45	394/Jun 16##
Peter Ross photos	1:32 layout: Two photos of Peter Cameron's early days NZR layout	Back	394/Jun 16##
Kevin Crosado photo	Former Auckland mainstay DFT7104 modelled in 1:64 scale by Michelle Andrews	Cover	395/Sep 16##
Grant Morrell photos	Journal Jewels: Colin Zeff's 1:34 A62 ex Mark's Model Works etchings and Paul Woods boiler fittings; Colin Zeff's 1:34 Mamaku-inspired bush truck, part plastic kit part scratchbuilt.	p2	395/Sep 16##
Peter Baker photo	Photo: Climax 1317 at Ngaroma Mill, c1955	p3	395/Sep 16##
Michael Gee	Structure: Notes on a model winding house	p4	395/Sep 16##
Gordon Barr	Scenicking: Making a macrocarpa hedge	p8	395/Sep 16##
Michelle Andrews	Locomotivory: Project winter soldier: a cautionary tale	p11	395/Sep 16##
Alex Smith	Scenicking: Nikau: modelling a distinctive piece of New Zealand	p17	395/Sep 16##
Don Wills	Tools: The right height: measuring coupler pad height.	p22	395/Sep 16##
Ken Williamson	Plans: Climax 1317	p24	395/Sep 16##
Paul Mahoney	Trams: Climax 1317 — part one	p28	395/Sep 16##
Brian McKenzie	Plan: Eb25 (converted to diesel - electric, as held at MOTAT)	p24	395/Sep 16##
Kevin Crosado	Prototype: Matata station file. Includes station and yard plans	p26	395/Sep 16##
Peter Ross	Report: Christchurch NZR Modellers. Jason Horne's Peco 83 Line turnout converted to NZR, Lyndsay Thompson's scratchbuilt Price E drive, Celyn Bennet's sawmill	p36	395/Sep 16##
	Trade news: Glenorchy Models' etched kit for 1:34 Di, North Yard has stocks of Mashima motors and is the new owner of South Dock kits, Pokaka, Hamilton Mini AMRA, new <i>Engineering in Miniature</i> magazine owner, Caboose Hobbies closes, locomotive called <i>Peco</i> , Merl Evans dies, Hornby 2016 results,	p37	395/Sep 16##
Don Wills	Report: SKIMers: a weekend for modelling mates	p38	395/Sep 16##
K Crosado/Neil Andrews/Peter Ross	Obituaries: Euan McQueen 1937 – 2016; Jack Raffills 1938 – 2016; Athol Hamilton 1936 – 2016	p38	395/Sep 16##
Peter Ross	Comment: More than one way	p41	395/Sep 16##
	Happy shopping: Bragdon powders, Mini saw frame, Fergie tractor, styrofoam glue, model paint, medico pack paint pottles, track power connectors for modular layouts	p43	395/Sep 16##,
Grant Morrell photos	Locomotivory: Trevor Cheer's DC4346 ex AKF etchings and 3D print patterns. Ross Olliver's 1:64 DSG3046 built from an Online kit and altered to include shunters' refuges.	Back	395/Sep 16#

Kevin Crosado photo	Terry Bradley's 1:34-scale model of TR27 passing through Pokaka.	Cover	396/Dec 16##
Kevin Crosado photos	Journal Jewels: Ken Cousins'-built 1:64-scale DQ and QR models from 3D printed masters.	p2	396/Dec 16##
Graham Radcliffe photo	Photo: Looking along Staircase Viaduct.	p3	396/Dec 16##
Ray Sofio	Bridges: Modelling a lattice girder viaduct – Making a start (Staircase).	p4	396/Dec 16##
Paul Mahoney	Trams: Climax 1317 — part two	p12	396/Dec 16##
Paul Mahoney	Trams: Restoring Climax 1317	p19	396/Dec 16##
Ken Williamson	Trams: Detailed drawings of Climax 1317	p22	396/Dec 16##
	Plan: Matata goods shed, PWD25987	p24	396/Dec 16##
	Station file: Matata	p24	396/Dec 16##
Kevin Crodado	Plan: Eb25 (converted to diesel - electric, as held at MOTAT)	p24	396/Dec 16##
Brian McKenzie	Prototype: Matata station file. Includes station and yard plans	p26	396/Dec 16##
Kevin Crosado	Report: Christchurch NZR Modellers. Jason McFadden backboards, Bryan Lawrence's 1:64 pie cart, Robin Knight's 1:64 Bc and Ba locomotives, Celyn Bennet's 3D printed Price Cb bogie.	p36	396/Dec 16##
Peter Ross	Trade news: NW Model Works improved quality custom 3D printing service	p37	396/Dec 16##
Grant Morrell/Kevin Crosado	Report: Pokaka 2016 including photos of 1:64 F loco by Bill Knapp, Don Wills' 1:64 Ud1500, Michael Kilgour's 1:64 USL wagon, Jim Staton's 1:48 Backwoods Miniatures 0-6-0T, Paul Lennox's 1:64 tree armature, Ken Cousins' MAXX DC, and Don Wills' part-built recabbed DG760	p38	396/Dec 16##
News	North Shore MRC to host 2018 NZAMRC convention, Australian narrow gauge convention, <i>Model Railway Express</i> magazine relaunch, new UK magazine <i>The Railway Magazine of Modelling</i> , locomotive named <i>Merl Evans</i> , Hornby trading update.	p40	396/Dec 16##
Peter Ross	Comment: Thinking about the unthinkable	p41	396/Dec 16##
	Happy shopping: Bluerail battery-powered Bluetooth remote control for larger scales, Anti Shine aerosol matt varnish, Archer texture decals, aluminium cupcake pans good for mixing paints.	p41	396/Dec 16##,
Merv Smith	Postbag: Kitset steam locomotives vs sharper curves	p44	396/Dec 16##
Kevin Crosado photos	Locomotivery: Terry Bradley built his 1:34 1936 Drewry TR from his own etchings and castings and painted it with Dulon lacquer. Weathering was done with Humbrol enamels and acrylics from Spotlight.	Back	396/Dec 16#