

# IRRICAD PRO 11

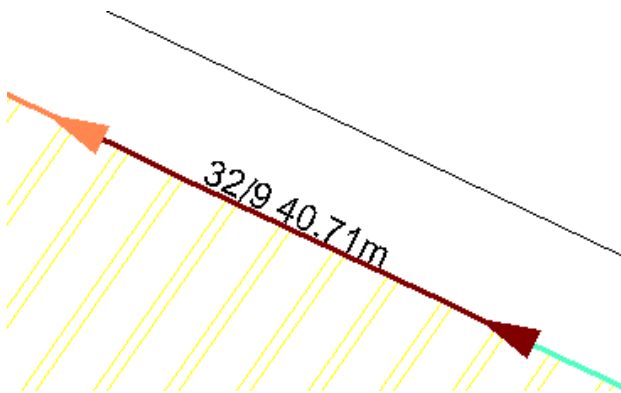
## THE SMART CHOICE IN IRRIGATION DESIGN SOFTWARE

IRRICAD Pro Version 11 brings you a range of new benefits:-

- Create contours from spot heights
- Better representation of real world land forms
- Quickly assess and problem solve by visualising the pressure distribution in a zone
- Instantly label pipe reductions with a click of a button
- Streamline Database changes with new look Editor.

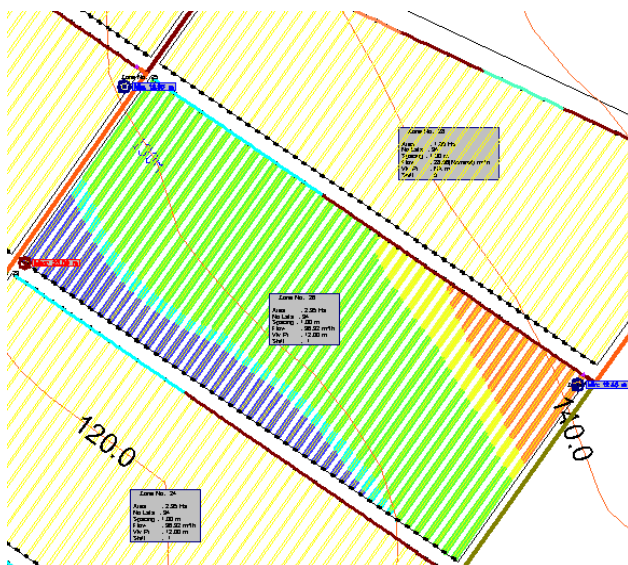
### Pipe Reduction Symbols

Automatically place pipe reduction symbols on the plan to clearly show installers the location, and direction, of pipe size changes. Faster and more accurate installations will result.



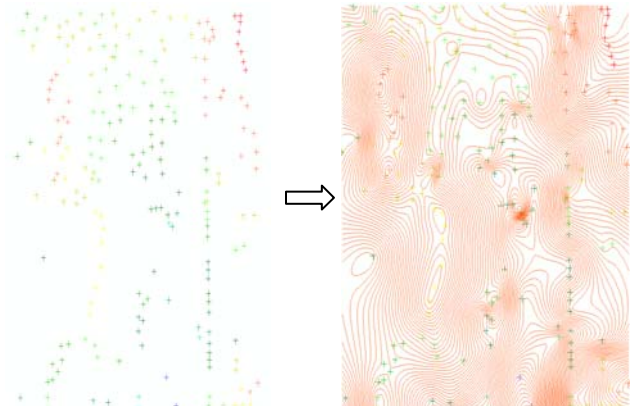
### Graphical Pressure Display

Graphically view which outlets/emitters are outside the specified pressure range for a zone. This will help you to quickly identify potential problems and reduce the time required to troubleshoot design warnings.



### Creating Contours from Spot Heights

IRRICAD can now create contours from spot heights helping you to visualize the topography of a property and add value to material presented to clients.



### Valve Specification Summary

This is a quick and easy method to view all Control Valves, including their flow and operating range, used in a design. Out of range valves are easily identified and may be changed by selecting from a list of alternatives suitable for the specific zone flow.

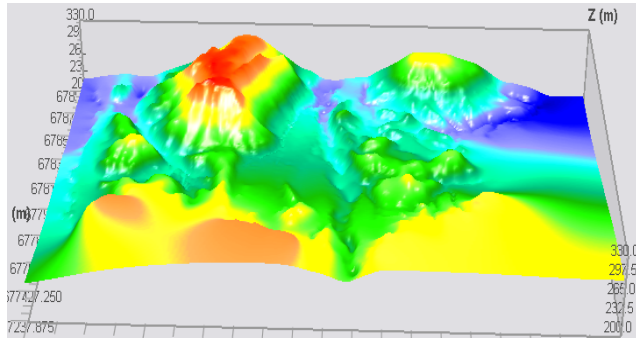
Zone Name	Valve Type	Min Flow (m <sup>3</sup> /h)	Max Flow (m <sup>3</sup> /h)	Zone flow (m <sup>3</sup> /h)
Block 24 V4	Bermad 80mm 400 series RP Globe Valve	0.0	38.00	32.49
Block 31 V1	Bermad 80mm 400 series angle valve	10.80	54.00	74.29
Block 31 V2	Bermad 80mm 100 series valve	6.00 :: 80.00 m <sup>3</sup> /h	0	72.79
Block 31 V3	Bermad 80mm 400 series angle valve	10.80 :: 54.00 m <sup>3</sup> /h	0	72.54
Block 31 V4	100 mm Gate Valve	0.00 :: 145.00 m <sup>3</sup> /h	0	73.18
Block 32 V1	Bermad 100mm 100 series valve	5.00 :: 90.00 m <sup>3</sup> /h	0	71.48
Block 32 V2	Bermad 100mm 400 series angle valve	25.20 :: 100.20 m <sup>3</sup> /h	0	71.48
Block 32 V1	Bermad 80mm 400 series angle valve	10.80	54.00	61.71
Block 33 V1	Bermad 80mm 400 series angle valve	10.80	54.00	67.97
Block 33 V2	Bermad 80mm 400 series angle valve	10.80	54.00	79.54
Block 34 V1	Bermad 80mm 400 series angle valve	10.80	54.00	28.98

List suitable valves
  List all valves

OK Cancel

## New Elevation Method

The updated method of elevation interpolation provides faster processing and creation of the Digital Elevation Model. Real world land forms are better represented especially when limited elevation data is available. There is no longer a limit to the number of contour segments (or spot heights) that can be processed. This reduces the time required when initially setting up a design and decreases the likelihood of subsequent elevation warnings occurring.



## New Look Database Editor

The Database Editor has been revised to significantly improve usability. Pipe colours and line types may now be edited quickly in the grid view. Warehouse codes can now be up to 32 characters long. Copy the constant and index from the curve fitting utility to the appropriate fields at the click of a button. You can even copy selected products out of one database into another without having to merge the complete database!

Description	Warehouse Code	Supplier Code	Usage	Line Type	Color
4" (100mm) Aluminum Wheel Line Tube	4ALU	SP12	Z		
5" (125mm) Aluminum Wheel Line Tube	5ALU	SUP1			
1/2" (15mm) Polyethylene Hose	1/2LDP	SUP3	L		
3/4" (20mm) Polyethylene Hose	3/4LDP	SUP3	L		
3/4" (20mm) Class 125 PVC Pipe	3/4 125 SW	SUP1	Z		
1" (25mm) Class C PVC Pipe	1 125 SW	SP12	ZM		
1 1/2" (32mm) Class C PVC Pipe	1 1/2 125 SW	SUP1	Z		
1 3/4" (40mm) Class C PVC Pipe	1 1/2 125 SW	SUP1	ZM		
2" (50mm) Class C PVC Pipe	2 125 SW	SUP1	Z		
2 1/2" (65mm) Class C PVC Pipe	2 1/2 125 SW	SUP1	Z		
3" (80mm) Class C PVC Pipe	3 125 SW	SUP1	ZM		
4" (100mm) Class C PVC Pipe	4 125 SW	SUP1	M		
5" (125mm) Class C PVC Pipe	5 125 SW	SUP1	ZM		
6" (150mm) Class C PVC Pipe	6 125 SW	SUP1	ZM		
8" (200mm) Class C PVC Pipe	8 125 SW	SUP1	M		
9" (225mm) Class C PVC Pipe	9 125 SW	SUP1	M		
12" (300mm) Class C PVC Pipe	12 125 SW	SUP1	M		
4" (100mm) Class E PVC Pipe	4 160 SW	SUP1			
3/4" (20mm) Class D PVC Pipe	3/4 200 SW	SUP1			

Equation:  $Q = KH^n$

Flow	Pressure
1	100
2	120
3	130
4	0
5	0
6	0
7	0
8	0
9	0
10	0

Calculated: K 57.58793657, n 0.24142232, R<sup>2</sup> 99.50

Current: K, n

Graph: Flow (lph) vs Pressure (m)

## More Information

For more information on changes and new features in Pro Version 11, please visit [Recent Developments](#) on our website.

### Receive IRRICAD Pro v11.5 Free!

As part of our annual upgrade plan when you purchase IRRICAD Pro v11 you will also receive Pro v11.5 when released in December 2011 free of charge, and support until July 2012.

### Receive free online training to get the most out of IRRICAD when you upgrade!

As part of our annual upgrade plan, when you purchase IRRICAD Pro v11 you will be able to schedule 2 hours of one-to-one online training (conditions apply).

## Purchasing Pro Version 11

Costs to upgrade from previous versions:-

Irricad Pro V10.5	----	\$ 495
Version 10	----	\$ 995
Version 9.5	----	\$1,395
Version 9.0	----	\$1,695
Version 7 or 8	----	\$1,995 + \$125 if USB Dongle required.

Contact us for a quote for multiple upgrades.

### For further information, contact:

Jo Vivier, Lincoln Ventures Ltd, PO Box 133, Lincoln, 7640, Canterbury, New Zealand  
 Telephone No: +64 3 325-3718, Fax No: +64 3 325-3725  
 Email: [support@IRRICAD.com](mailto:support@IRRICAD.com) Web site: [www.IRRICAD.com](http://www.IRRICAD.com)

