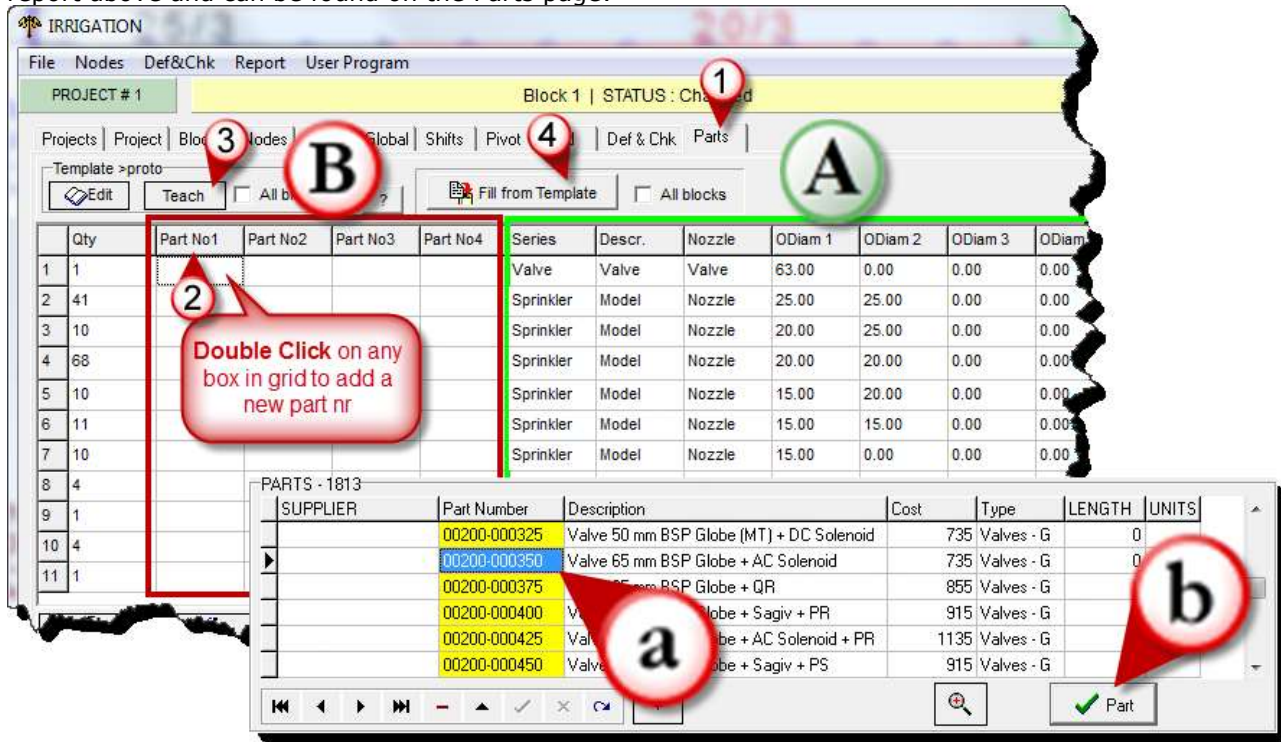


In the above report, you can see which nodes (A) are used, how they are used (B), what pipes are connected to them (C) and how many of each combination (D) are used. For each combination of nodes (A) to pipes (C), there will be a specific part or cluster of parts which may be defined by specific part or cluster numbers. In other words, this is usually where you would sit and figure out which part goes where and how many of them are used in order to get the final cost of the system. **MM can assist you with this process to the point where combinations are stored and applied automatically the next time you need it.** This feature uses the same logic as the report above and can be found on the Parts page:



Step 1: Click on the Parts page (1) to view the Parts editor

Step 2: Consider the combinations (A) to the right and assign part numbers in the left (B) that best describe the combinations. You will see there are four part number blocks (2) for each node/pipe combination, you may use all the available boxes or only one. To add a part number simply **Double click** on a part box to select the relevant part number (a) from the parts list that appear and click the accept part button (b). (The parts list will be explained in more detail in the next issue of SABi Magazine)

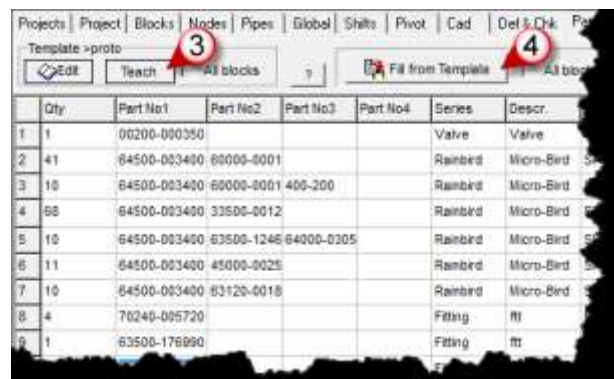
Tip:

The parts page gives you the option to add four separate part numbers that describe the specific node/pipe combination. If you require more than four part numbers, you may also use cluster numbers. A cluster number may contain up to 10 different part numbers or even other cluster numbers, each with its own 10 part numbers. More about that in the next issue.

Step 3: After assigning part numbers to all the node/pipe combinations click the "Teach" button (3). This will append a template, which will be used in future.

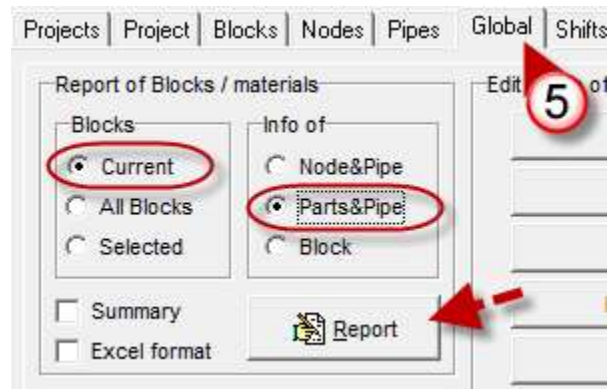
Step 4: Now that a template is created, you can use the "Fill from template" button (4) for every new design and MM will intelligently fill the parts editor **automatically!** All that remains is to "fill the blanks" where new unrecognized combinations are found by repeating step 2 and 3 above.

Tip: Remember to **Teach** (3) MM each time new combinations are added. If MM should not



remember combinations, remove the part/cluster nr. from the editor before you teach MM!

Step 5: After the part numbers are added to the design, go back to the global page (5), run a **Parts & Pipe** report for the final quantities and pricing.



Bill of materials						
Date : 12/6/2010 Time : 12:58						
For block No. 1						
Index	* = Parts	@ = Cluster	% = Parts in cluster,	! = Not found	Price	Total
Part No.	Description		Quantity			
* 00200-000350	Valve 65 mm BSP Globe + AC Sole		1		735.00	735.00
* 70240-005720	Fert Meter 20 mm SF + EV 1.0 li		4		990.00	3960.00
* 64500-003400	Powernet 162 l/h Grey Blue roto		150		29.50	4425.00
* 63500-176990	Supernet PF 90 l/h Orange-Green		1		5.65	5.65
* 76300-000900	Dripper 3 x 5 mm Tubing 500 m c		4		1.08	4.32
! 60000-000100			51		0.00	0.00 *
* 33500-001200	Techfilter 25 mm Short - 130 Mi		68		600.00	40800.00

Tip: Take note of the Index characters used in the report:

"*" characters are used to define parts

"@" characters are used to define Clusters

"%" characters are used to define parts inside clusters

"!" characters are used to define parts that has no part/cluster number defined

Tip: To learn how to import a pricelist into the irrigation parts database, view this forum:

<http://forum.modelmaker.co.za/Home/tabid/40/forumid/17/postid/18/scope/posts/Default.aspx#18>