

# ADIVA to Mentor Boardstation Violation Link-Back

# Notice

Representations in this User Guide are meant as an overview and quick reference. Full details can be found in the On-Line manuals located at the *ADIVA Corporation* website - [www.adiva.com](http://www.adiva.com)

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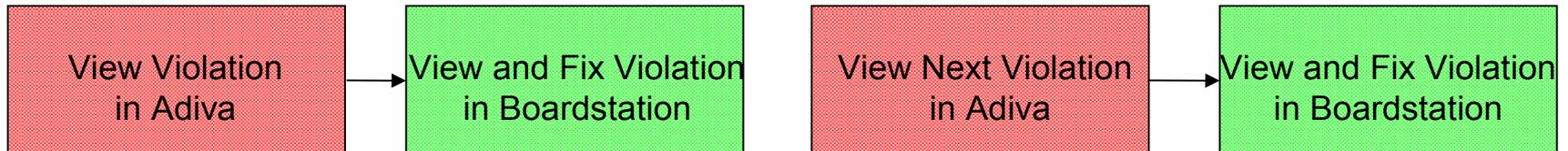
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# Violation Link-Back Steps

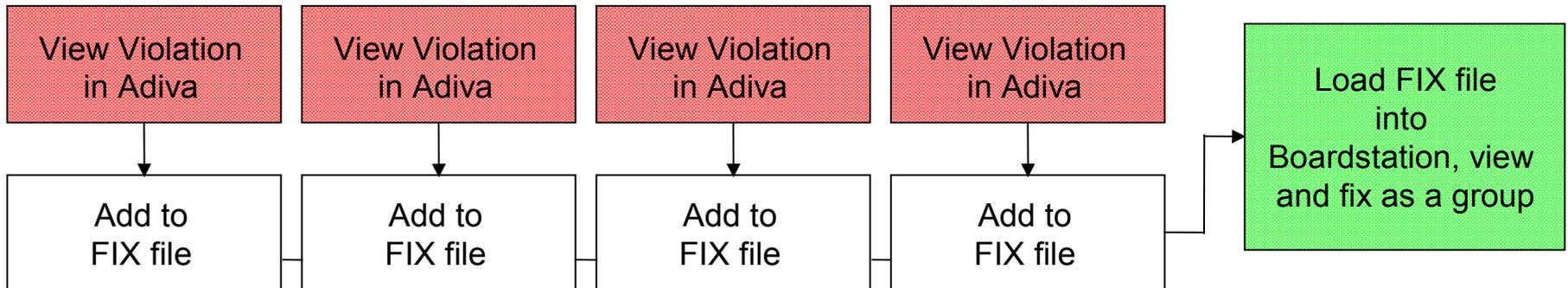
( See ADIVA's DRC User Guide for further details about running checks and viewing results )

Run DRC checks in ADIVA. When checks complete, either....

Review violations in ADIVA linking individual violations back to Mentor Boardstation  
– one at a time (See pages 4-5)



Review violations in ADIVA tagging specific violations to be “Fixed” with the Fix Violation function. This creates a specific violation file for Link-Back called “fix.vio” containing a group of violations to be reviewed in Mentor Boardstation  
(See pages 6-8)



# Viewing Individual ADIVA Violations in Mentor Boardstation

( See ADIVA's DRC User Guide for further details about running checks and viewing results )

Choose a violation type to review in ADIVA...

Viol Type	Param	Layer	Seq	Violation Type	Comment			
<input type="checkbox"/>	7	0	0	0	0.00500	18	Annular Ring - Via Hole	
<input type="checkbox"/>	7	0	0	0	0.00500	7		
<input type="checkbox"/>	7	0	0	0	4.00000	5		
<input checked="" type="checkbox"/>	4	0	0	0	0.00500	5		
<input checked="" type="checkbox"/>	2	0	0	0	0.00500	2		
<input type="checkbox"/>	2	0	0	0	0.00500	4		
<input type="checkbox"/>	2	0	0	0	0.00500	7		
<input type="checkbox"/>	1	0	0	0	0.00500	5		
<input type="checkbox"/>	0	0	0	0	0.00500	1		

Violation Object

ViolXY: 7.250000, 3.160000

Description: Annular Ring - Via Hole

Parameter: 0.005000

Amount: 0.000000

Net: [6814]

Ref-Desg:

Viol Seen: 2 / 4

Accept Violation(s)    Accept Remaining

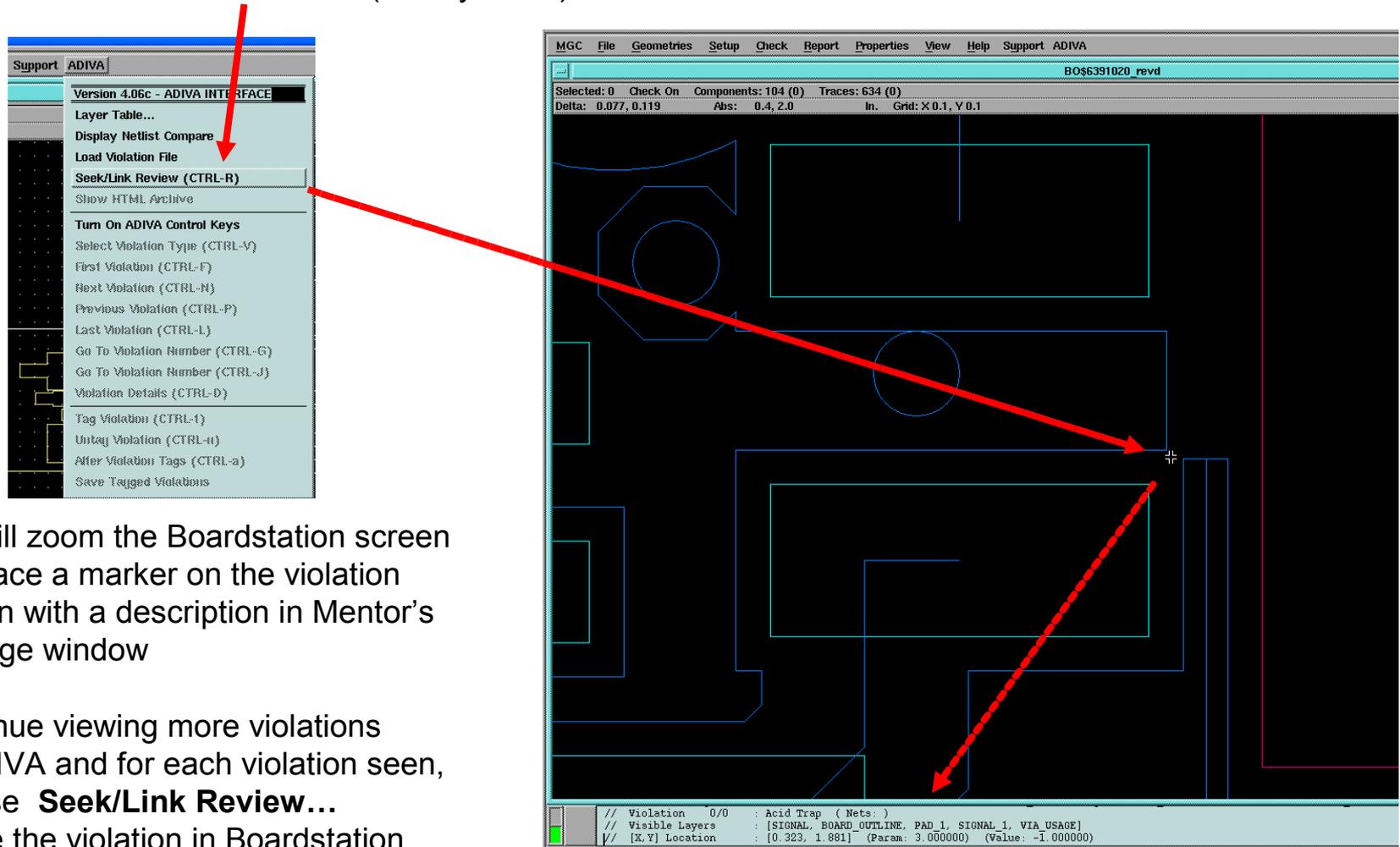
Fix Violation(s)        Fix Remaining

Viol Seek                viol Delete

...then select **Viol Seek** to see the violations in ADIVA

# Viewing Individual ADIVA Violations in Mentor Boardstation

Then, for any given violation in ADIVA, select in Mentor Boardstation the **ADIVA** menu and choose **Seek/Link Review...** (hotkey ctrl-R)

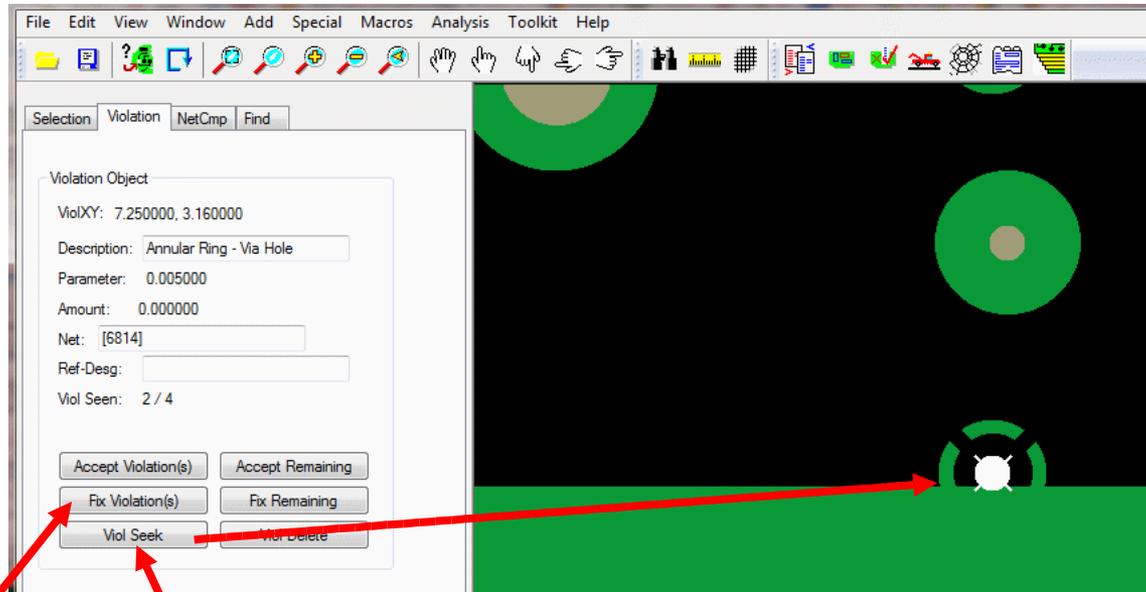


This will zoom the Boardstation screen and place a marker on the violation location with a description in Mentor's message window

Continue viewing more violations in ADIVA and for each violation seen, choose **Seek/Link Review...** to see the violation in Boardstation

# Saving an ADIVA FIX Violation File for Read In by Mentor Boardstation

( See ADIVA's DRC User Guide for further details about running checks and viewing results )

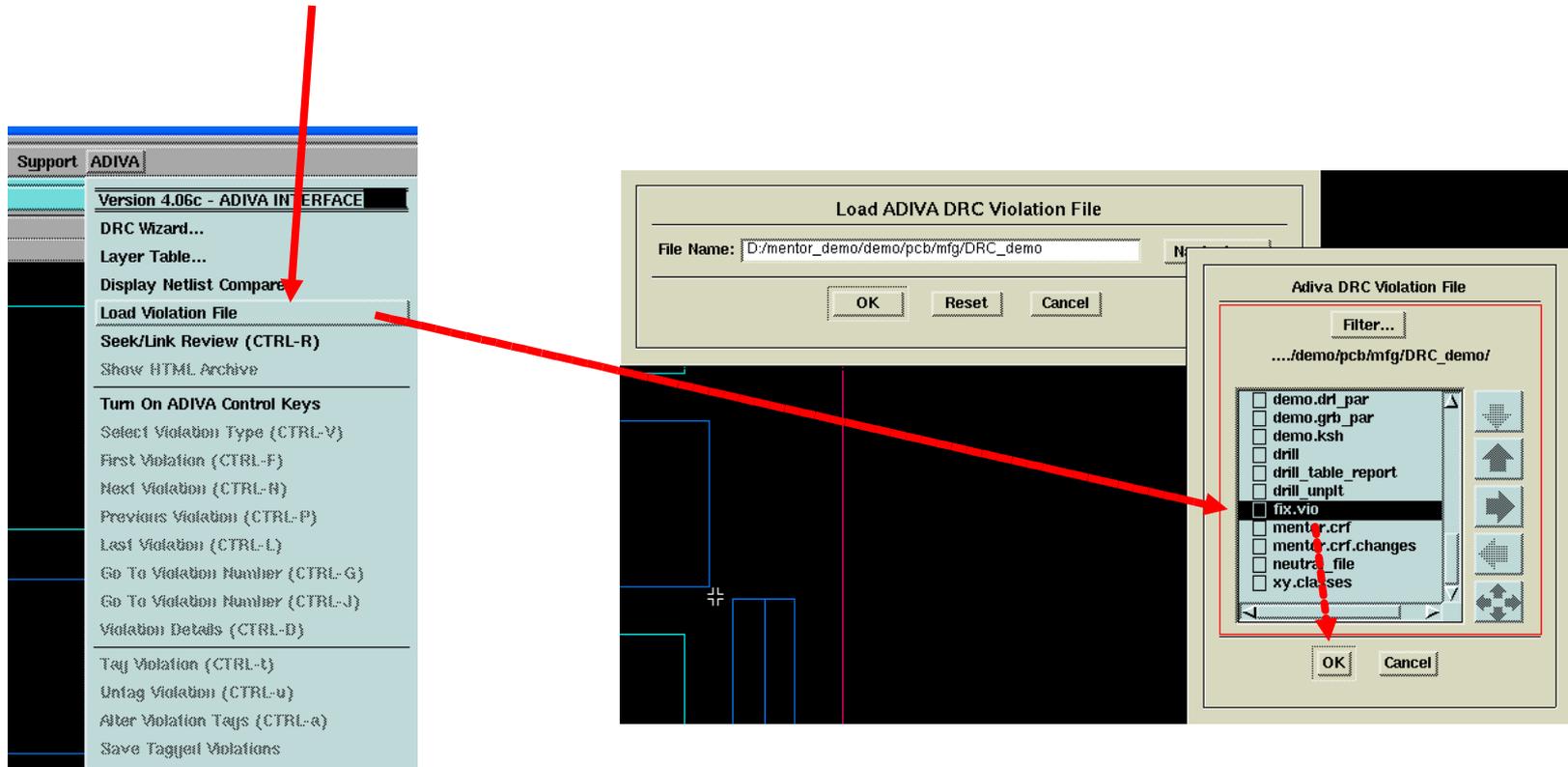


Choose a violation type in ADIVA's Violation Checklist and **Viol Seek** through the chosen violations reviewing each one...

Tag specific violations using **Fix Violation**. Each violation tagged as "Fixed" will be placed into a file that can be converted and read later by someone tasked with "Fixing" the selected violations. This Fix Violation file is located in the ADIVA project directory called "**fix.vio**".

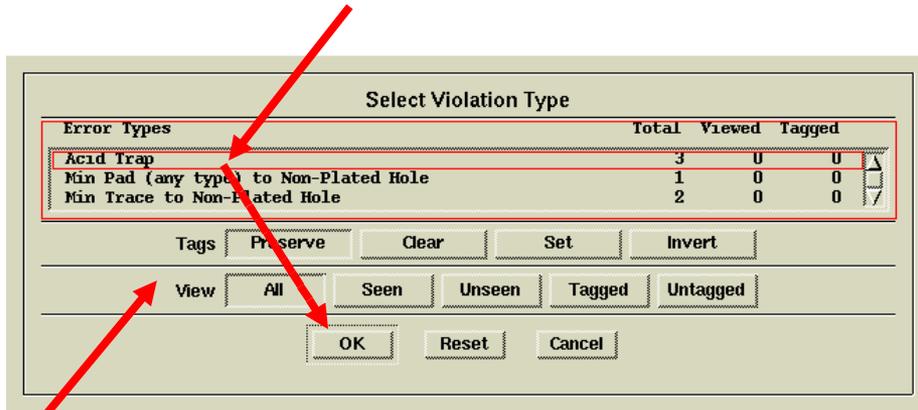
# Loading an ADIVA FIX Violation File into Mentor Boardstation

Select the **Load Violation File** menu pick in Mentor Boardstation and choose ADIVA's "fix.vio" file



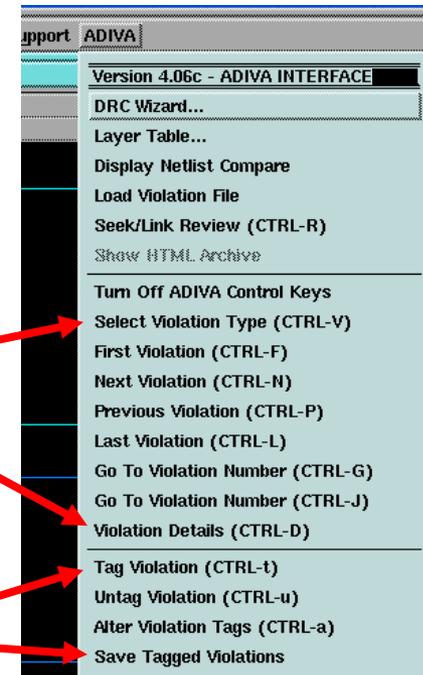
# Viewing ADIVA FIX Violations in Mentor Boardstation

When the **Load Violation File** function completes, choose a violation type to review



Then, from the ADIVA menu, control the display of ADIVA violations.

Violations can also be marked or “tagged” for later review



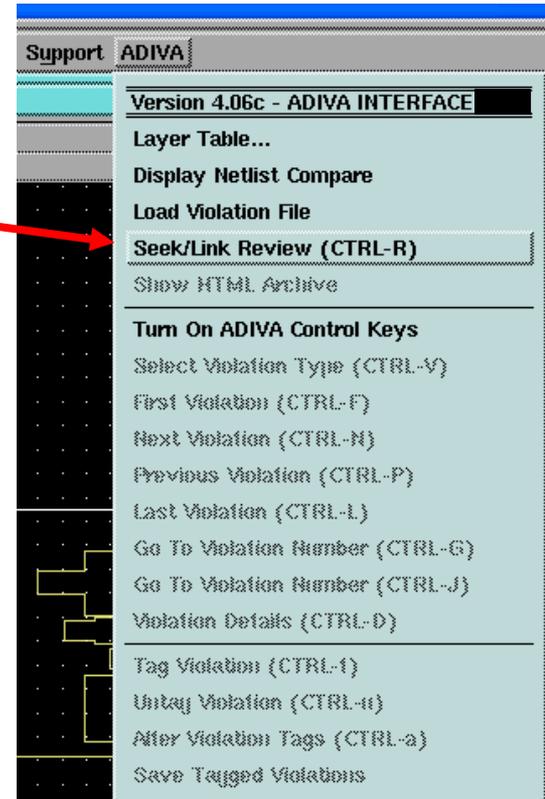
# Extra Functions

By choosing **Seek/Link Review**, Boardstation will center its graphics screen on the XY location of ADIVA's screen center.

To mark screen center in ADIVA, select the **Link to CAD** toolbar icon....



...before selecting **Seek/Link Review** in Boardstation



**END**

**ADIVA to Mentor Boardstation  
Violation Link-Back**