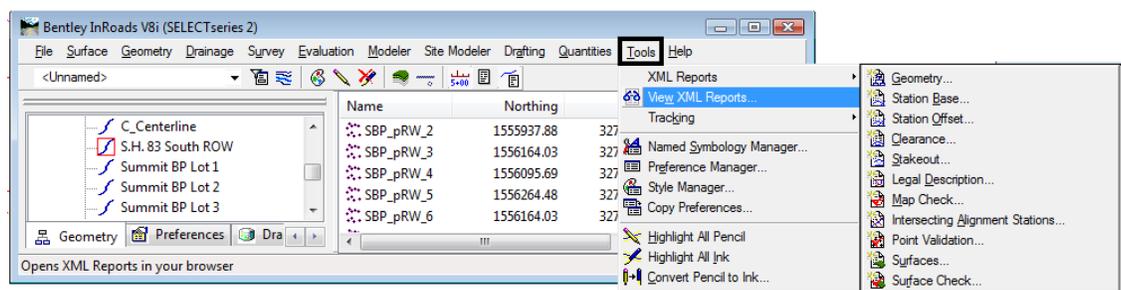


LAB 15 - Parcel Descriptions

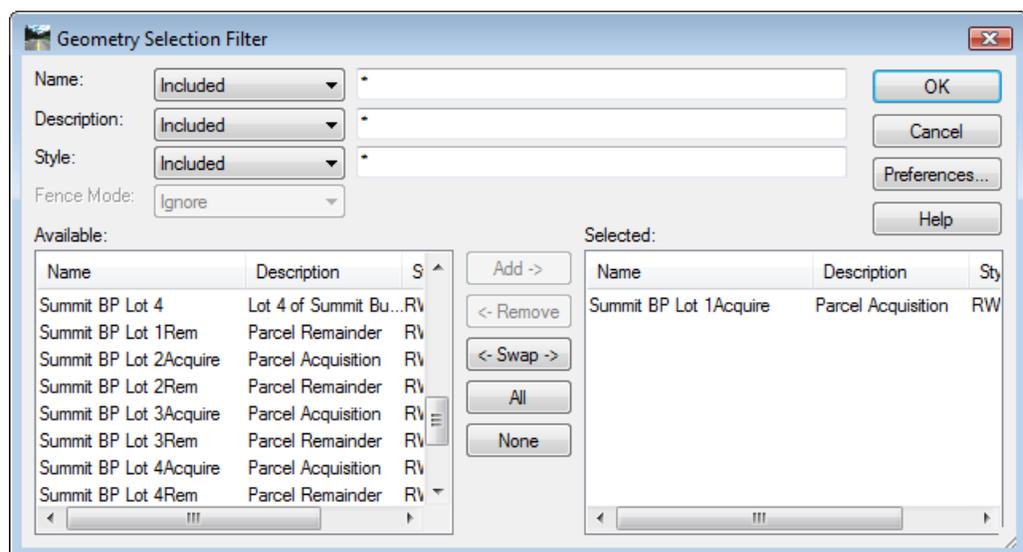
The InRoads Report Browser allows the user to view reports using a reporting utility based on the eXtensible Markup Language or more commonly referred to as XML. Like the HTML language used for web development, XML reporting is based on tags and attributes which delineate elements of data. Formatting of XML data is accomplished through the use of XSL, or style sheets and displays in a web browser page.

Chapter Objectives:

- Create a parcel legal description
 1. Select the **Tools > XML Reports** menu item to check the available menu items.

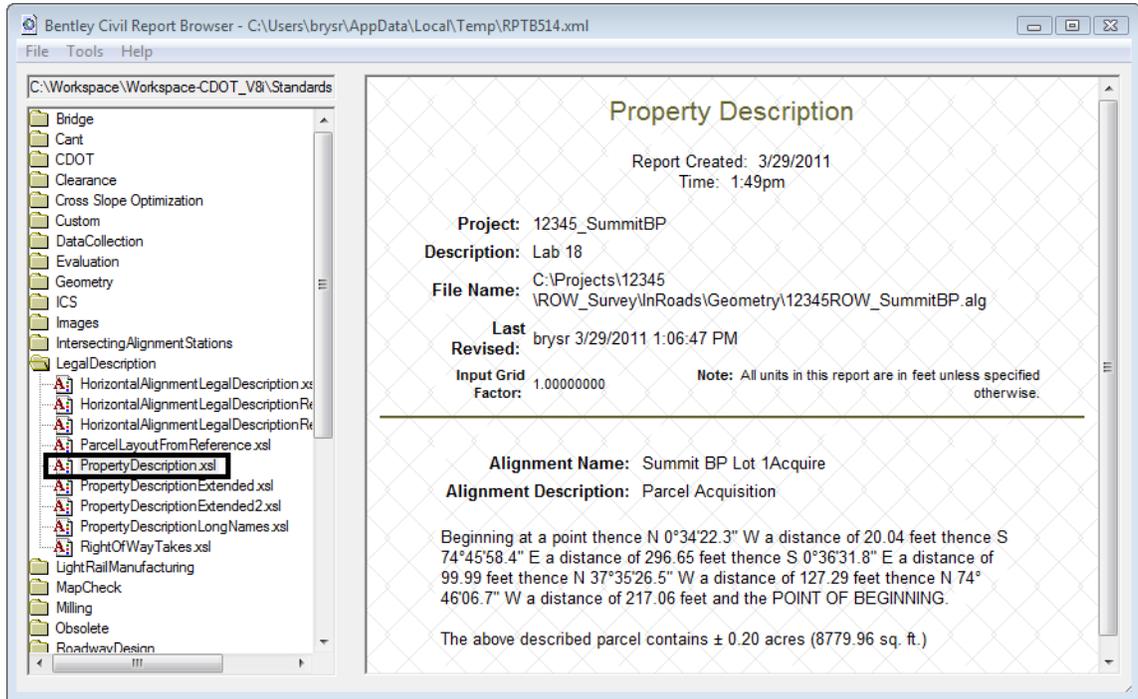


2. Select **Legal Description**
3. <D> the **Filter** button and add **Summit BP Lot 1Acquire** as a *selected* alignment.

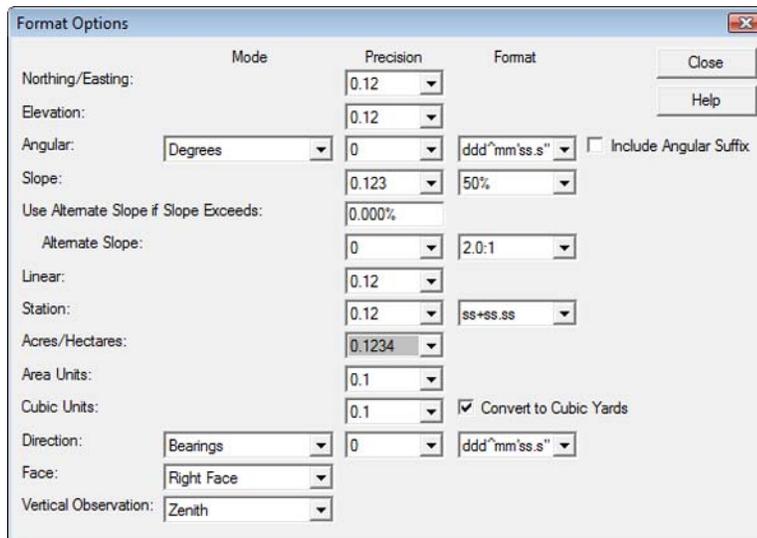


4. <D> **OK**
5. <D> **Apply**
- 6.

An XML file and a report is created with format and display from an InRoads default style sheet.



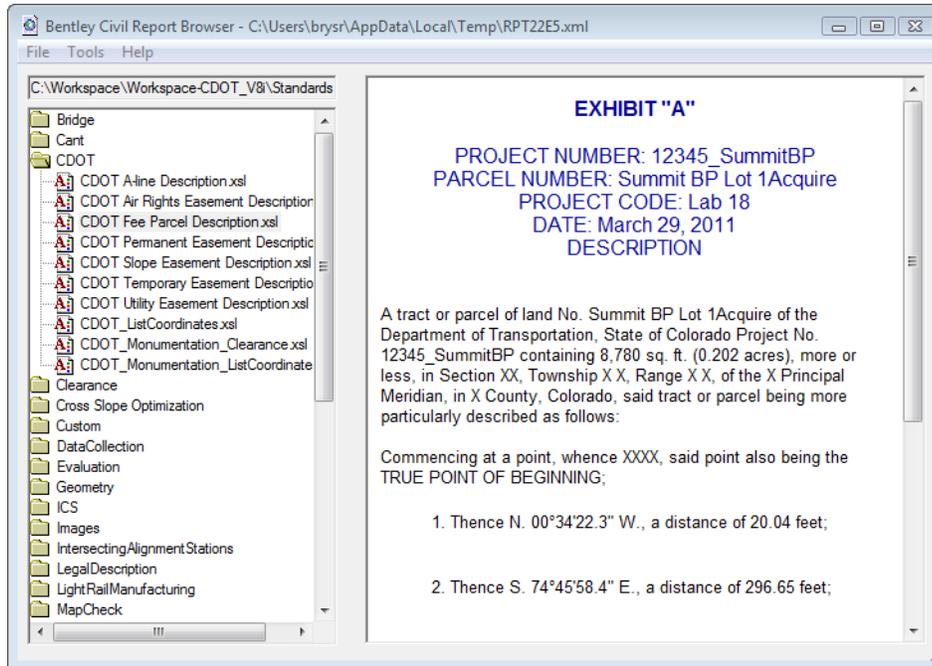
7. <D> on the various report styles (*.xml) displayed in the left panel and notice the change to the format and contents of the displayed report.
8. In the Report display, select **Tools > Format Options**



9. <D> **Acres/Hectares**: Set to 5 decimal places - the report updates.



10. **Change** any of the fields in the **Format Options** dialog and notice the report interactively updates.
11. <D> on the CDOT folder and select the various formats.



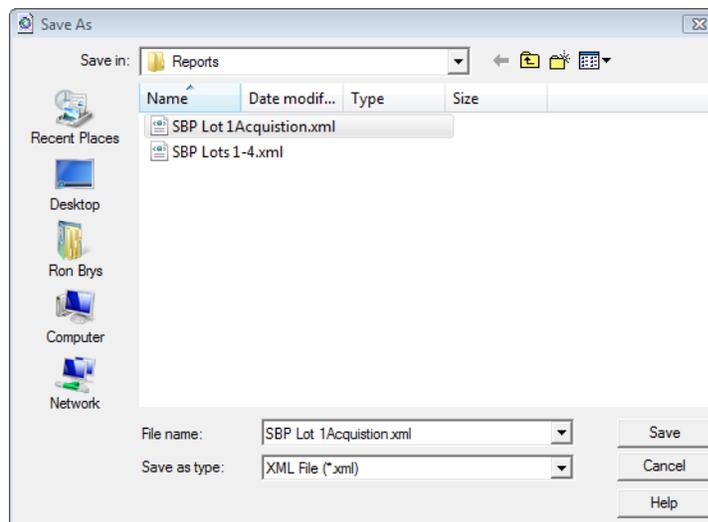
12. In the Report display, select **File > Save As...**

Save As:

Path: C:\Projects\12345\ROW_Survey\InRoads\Reports

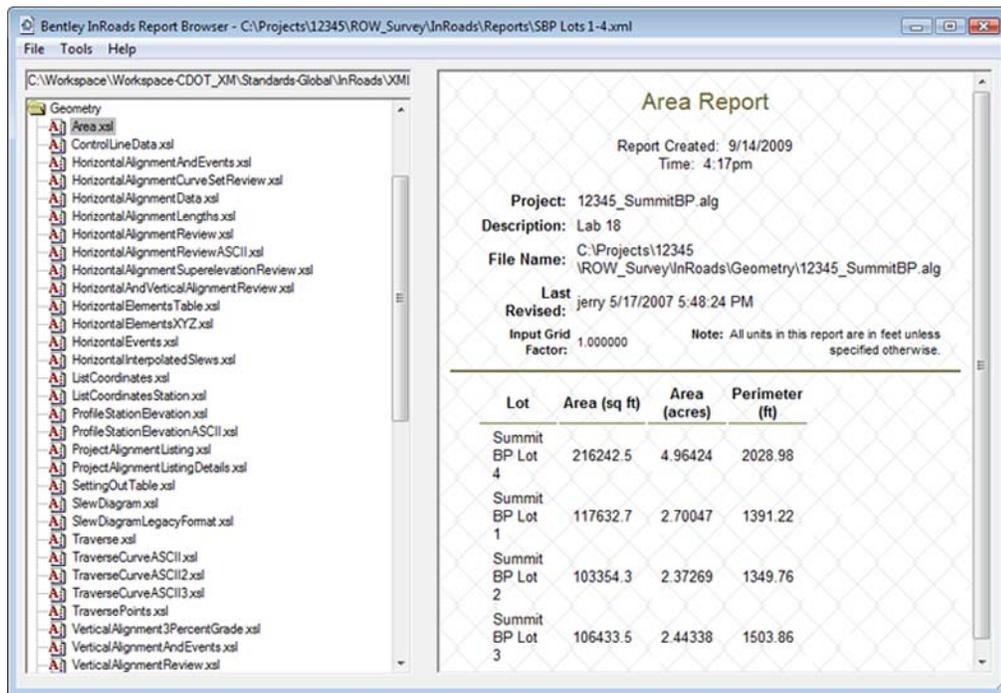
File Name: SBP Lot 1Acquisition.xml

13. <D> Save



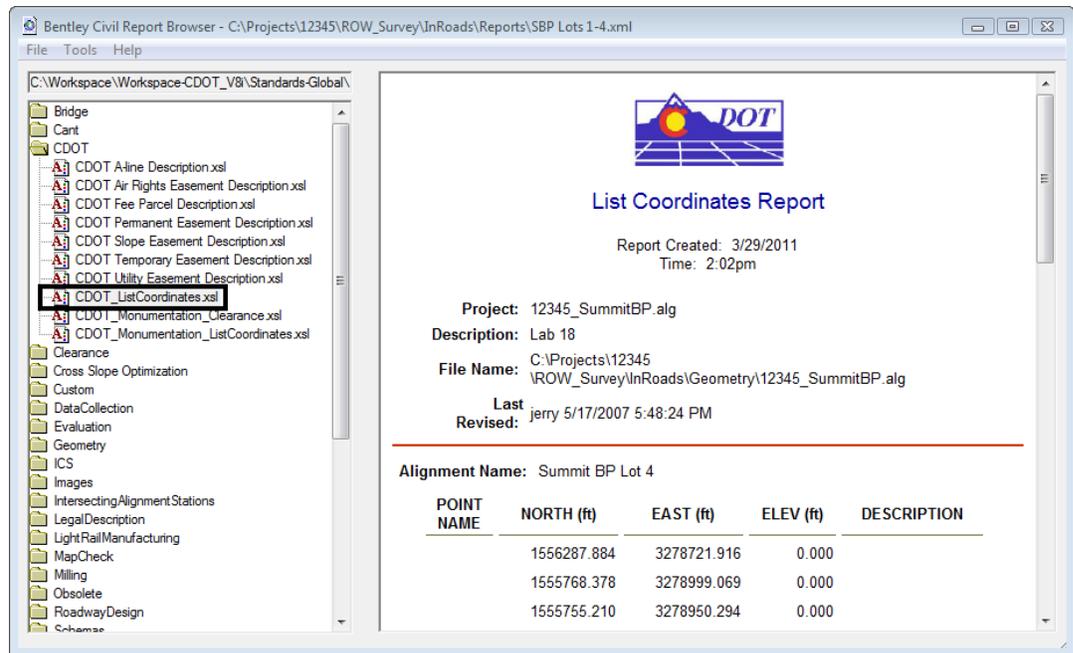
Reports can also be recalled for reformatting, etc.

14. Select **Tools > View XML Reports**
15. From the report browser **File > Open**
16. Open the **SBP Lots 1-4.xml** file from the folder:
C:\Projects\12345\ROW_Survey\InRoads\Reports
17. Select the folder and style sheet to apply to the XML data.
18. <D> on the category **Geometry** and style sheet **Area.xml**



Note: Lot areas and perimeter distances are reported.

19. In the category **CDOT**, access style sheet **List Coordinates**



The screenshot shows the Bentley Civil Report Browser interface. On the left, a file tree under 'CDOT' has 'CDOT_ListCoordinates.xml' selected. The main window displays the 'List Coordinates Report' for 'Summit BP Lot 4'. The report includes the following information:

Report Created: 3/29/2011
Time: 2:02pm

Project: 12345_SummitBP.alg
Description: Lab 18
File Name: C:\Projects\12345\ROW_Survey\InRoads\Geometry\12345_SummitBP.alg
Last Revised: jerry 5/17/2007 5:48:24 PM

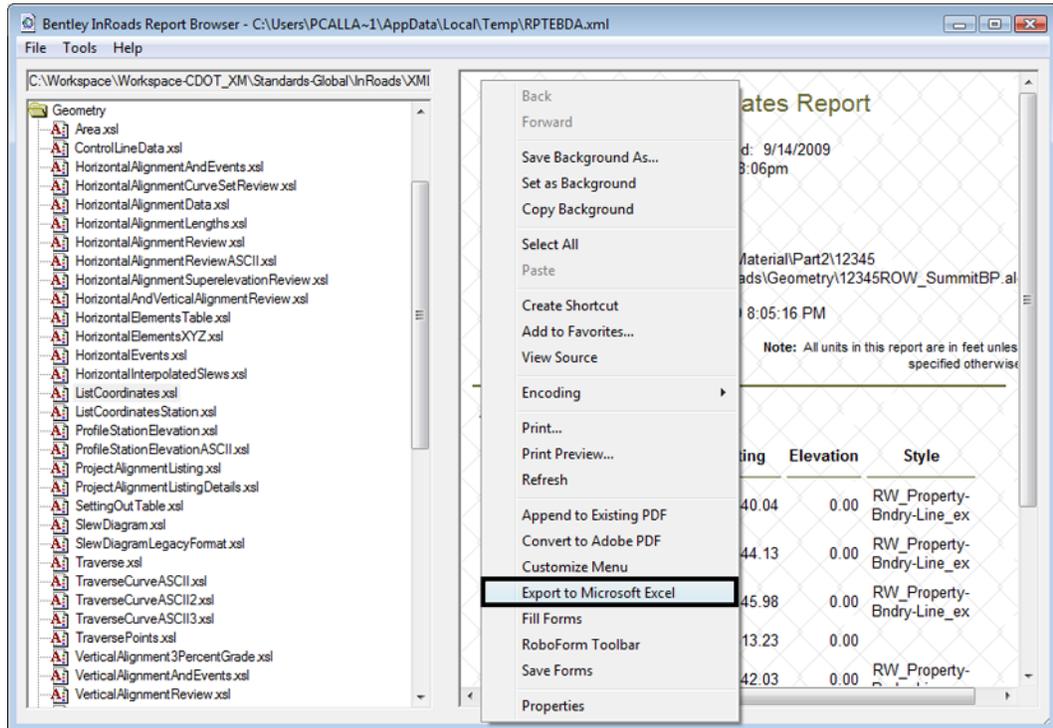
Alignment Name: Summit BP Lot 4

POINT NAME	NORTH (ft)	EAST (ft)	ELEV (ft)	DESCRIPTION
	1556287.884	3278721.916	0.000	
	1555768.378	3278999.069	0.000	
	1555755.210	3278950.294	0.000	

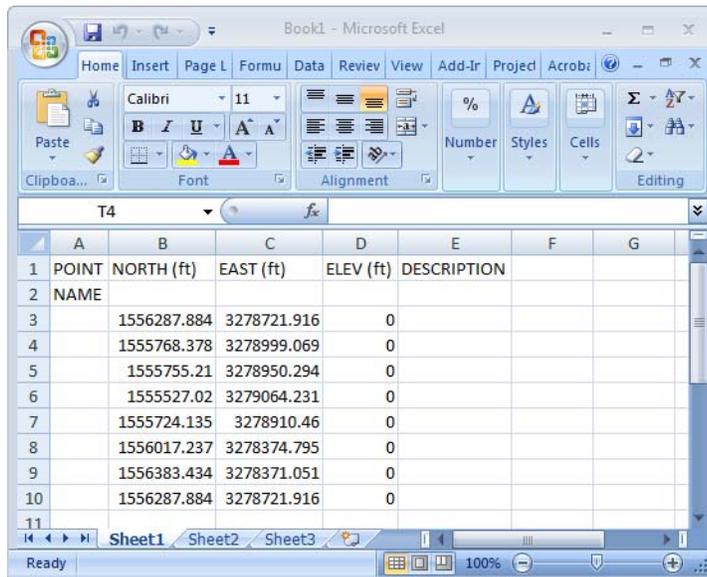
The report is redisplayed to display alignment coordinates.

20. While viewing the xml report, <R> in the area of the screen listing the coordinates. A fly-out menu appears.

21. <D> on Export to Microsoft Excel

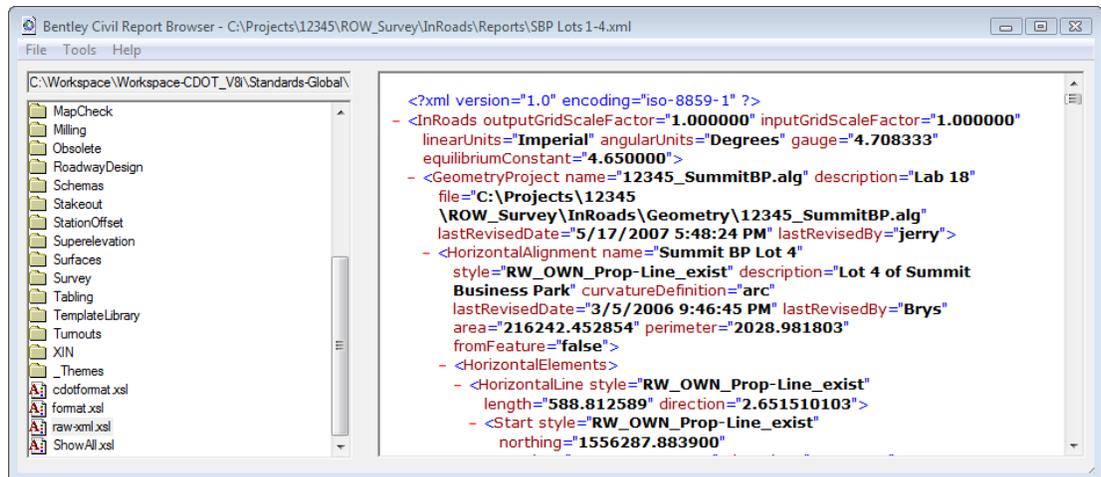


Excel will launch Excel.



To view the source information the xml report was generated from:

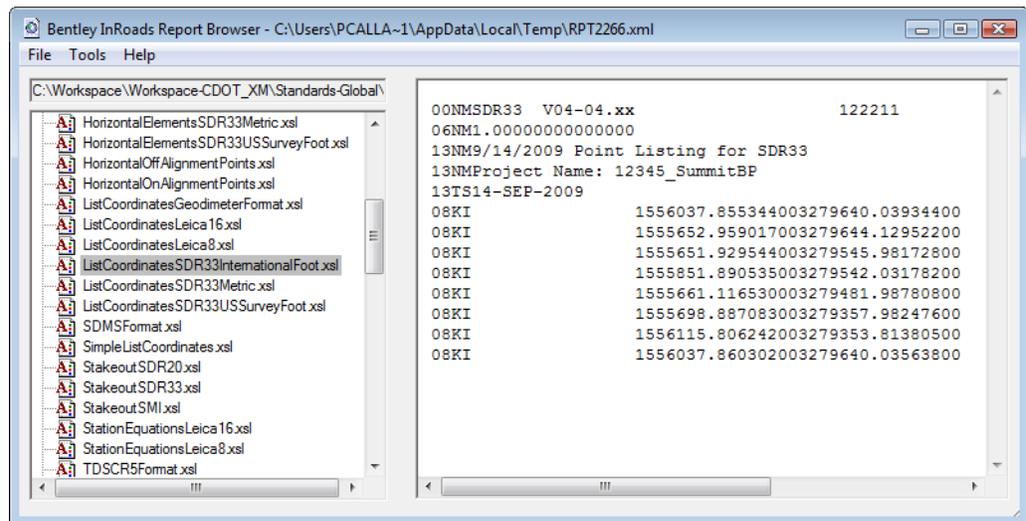
22. In the Report browser, select **Raw-xml.xml** in the left panel



What you see are the xml tags and attributes which define the report contents. Formatting of this data for display is accomplished through the use of xsl, or style sheets. Style sheets can be developed by the user for customized reports or formats.

Other formats:

In the category **DataCollection** access style sheet
ListCoordinatesSDR32InternationalFoot



Experiment with other style sheets such as HorizontalElementsSDR33 as well as other style sheets in the Geometry category.

