The following changes will be made to Section 20.1.2.23, hlinkHover (Hyperlink for Hover):

Attributes	Description
id (Drawing Object Hyperlink Target) Namespace: ~~.../officeDocument/2006/relationships~~ http://purl.oclc.org/ooxml/officeDocument/relationships	Specifies the relationship id that when looked up in this slides relationship file contains the target of this hyperlink. This attribute cannot be omitted. The possible values for this attribute are defined by the ST_RelationshipId simple type (§**Error! Reference source not found.**).

The following changes will be made to Section 20.1.2.32, snd (Hyperlink Sound):

Attributes	Description
embed (Embedded Audio File Relationship ID) Namespace: ~~.../officeDocument/2006/relationships~~ http://purl.oclc.org/ooxml/officeDocument/relationships	Specifies the identification information for an embedded audio file. This attribute is used to specify the location of an object that resides locally within the file. [*Note*: A list of suggested audio types is provided in §**Error! Reference source not found.**. *end note*] The possible values for this attribute are defined by the ST_RelationshipId simple type (§**Error! Reference source not found.**).

The following changes will be made to Section 20.1.3.2, audioFile (Audio from File):

Attributes	Description
link (Linked Relationship ID) Namespace: ~~.../officeDocument/2006/relationships~~ http://purl.oclc.org/ooxml/officeDocument/relationships	Specifies the identification information for a linked object. This attribute is used to specify the location of an object that does not reside within this file. The possible values for this attribute are defined by the ST_RelationshipId simple type (§**Error! Reference source not found.**).

The following changes will be made to Section 20.1.3.4, quickTimeFile (QuickTime from File):

Attributes	Description
link (Linked Relationship ID) Namespace: ~~.../officeDocument/2006/relationships~~ http://purl.oclc.org/ooxml/officeDocument/relationships	Specifies the identification information for a linked object. This attribute is used to specify the location of an object that does not reside within this file. The possible values for this attribute are defined by the ST_RelationshipId simple type (§**Error! Reference source not found.**).

The following changes will be made to Section 20.1.3.6, videoFile (Video from File):

Attributes	Description
link (Linked Relationship ID) Namespace: ~~.../officeDocument/2006/relationships~~ http://purl.oclc.org/ooxml/officeDocument/relationships	Specifies the identification information for a linked video file. This attribute is used to specify the location of an object that does not reside within this file. The possible values for this attribute are defined by the ST_RelationshipId simple type (§**Error! Reference source not found.**).

The following changes will be made to Section 20.1.3.7, wavAudioFile (Audio from WAV File):

Attributes	Description
embed (Embedded Audio File Relationship ID) Namespace: ~~.../officeDocument/2006/relationships~~ http://purl.oclc.org/ooxml/officeDoc	Specifies the identification information for an embedded audio file. This attribute is used to specify the location of an object that resides locally within the file. [*Note*: A list of suggested audio types is provided in §**Error! Reference source not found.**. *end note*] The possible values for this attribute are defined by the ST_RelationshipId simple type (§**Error! Reference source not found.**).

Attributes	Description
ument/relationships	

The following changes will be made to Section 20.1.8.13, blip (Blip):

Attributes	Description
embed (Embedded Picture Reference) Namespace:	Specifies the identification information for an embedded picture. This attribute is used to specify an image that resides locally within the file. The possible values for this attribute are defined by the ST_RelationshipId simple type (§**Error! Reference source not found.**).
link (Linked Picture Reference) Namespace: ~~.../officeDocument/2006/relationships~~ http://purl.oclc.org/ooxml/officeDocument/relationships	Specifies the identification information for a linked picture. This attribute is used to specify an image that does not reside within this file. The possible values for this attribute are defined by the ST_RelationshipId simple type (§**Error! Reference source not found.**).

The following changes will be made to Section 20.2.2.1, blipFill (Picture Fill):

Attributes	Description
dpi (DPI Setting) Namespace: ~~.../drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies the DPI (dots per inch) used to calculate the size of the blip. If not present or zero, the DPI in the blip is used. [*Note*: This attribute is primarily used to keep track of the picture quality within a document. There are different levels of quality needed for print than on-screen viewing and thus a need to track this information. *end note*] The possible values for this attribute are defined by the W3C XML Schema unsignedInt datatype.
rotWithShape (Rotate With Shape) Namespace: ~~.../drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawing	Specifies that the fill should rotate with the shape. That is, when the shape that has been filled with a picture and the containing shape (say a rectangle) is transformed with a rotation then the fill is transformed with the same rotation. The possible values for this attribute are defined by the W3C XML Schema boolean datatype.

Attributes	Description
ml/main	

The following changes will be made to Section 20.2.2.2, cNvPicPr (Non-Visual Picture Drawing Properties):

Attributes	Description
preferRelativeResize (Relative Resize Preferred) Namespace: ~~.../drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies if the user interface should show the resizing of the picture based on the picture's current size or its original size. If this attribute is set to true, then scaling is relative to the original picture size as opposed to the current picture size. [*Example*: Consider the case where a picture has been resized within a document and is now 50% of the originally inserted picture size. Now if the user chooses to make a later adjustment to the size of this picture within the generating application, then the value of this attribute should be checked. If this attribute is set to true then a value of 50% is shown. Similarly, if this attribute is set to false, then a value of 100% should be shown because the picture has not yet been resized from its current (smaller) size. *end example*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.

The following changes will be made to Section 20.2.2.3, cNvPr (Non-Visual Drawing Properties):

Attributes	Description
descr (Alternative Text for Object) Namespace: ~~.../drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies alternative text for the current DrawingML object, for use by assistive technologies or applications which do not display the current object. If this element is omitted, then no alternative text is present for the parent object. [*Example*: Consider a DrawingML object defined as follows: `<… descr="A picture of a bowl of fruit">` The descr attribute contains alternative text which can be used in place of the actual DrawingML object. *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.
hidden (Hidden) Namespace: ~~.../drawingml/2006/main~~	Specifies whether this DrawingML object is displayed. When a DrawingML object is displayed within a document, that object can be hidden (i.e., present, but not visible). This attribute determines whether the object is rendered or made hidden. [*Note*: An application can have settings which allow this object to be viewed. *end note*]

Attributes	Description
http://purl.oclc.org/ooxml/drawingml/main	If this attribute is omitted, then the parent DrawingML object shall be displayed (i.e., not hidden). [*Example*: Consider an inline DrawingML object which must be hidden within the document's content. This setting would be specified as follows: `<… hidden="true" />` The hidden attribute has a value of `true`, which specifies that the DrawingML object is hidden and not displayed when the document is displayed. *end example*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.
id (Unique Identifier) Namespace: ~~…/drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies a unique identifier for the current DrawingML object within the current document. This ID can be used to assist in uniquely identifying this object so that it can be referred to by other parts of the document. If multiple objects within the same document share the same id attribute value, then the document shall be considered non-conformant. [*Example*: Consider a DrawingML object defined as follows: `<… id="10" … >` The id attribute has a value of `10`, which is the unique identifier for this DrawingML object. *end example*] The possible values for this attribute are defined by the ST_DrawingElementId simple type (§**Error! Reference source not found.**).
name (Name) Namespace: ~~…/drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies the name of the object. [*Note*: Typically, this is used to store the original file name of a picture object. *end note*] [*Example*: Consider a DrawingML object defined as follows: `< … name="foo.jpg" >` The name attribute has a value of `foo.jpg`, which is the name of this DrawingML object. *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.
title (Title) Namespace: ~~…/drawingml/200~~	Specifies the title (caption) of the current DrawingML object. If this attribute is omitted, then no title text is present for the parent object.

Attributes	Description
~~6/main~~ http://purl.oclc.org/ooxml/drawingml/main	[*Example*: Consider a DrawingML object defined as follows: `<… title="Process Flow Diagram">` *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.

The following changes will be made to Section 20.2.2.6, spPr (Shape Properties):

Attributes	Description
bwMode (Black and White Mode) Namespace: ~~…/drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies that the picture should be rendered using only black and white coloring. That is the coloring information for the picture should be converted to either black or white when rendering the picture. No gray is to be used in rendering this image, only stark black and stark white. [*Note*: This does not mean that the picture itself that is stored within the file is necessarily a black and white picture. This attribute instead sets the rendering mode that the picture has applied to when rendering. *end note*] The possible values for this attribute are defined by the ST_BlackWhiteMode simple type (§**Error! Reference source not found.**).

The following changes will be made to Section 20.4.2.5, docPr (Drawing Object Non-Visual Properties):

Attributes	Description
descr (Alternative Text for Object) Namespace: ~~…/drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies alternative text for the current DrawingML object, for use by assistive technologies or applications which do not display the current object. If this element is omitted, then no alternative text is present for the parent object. [*Example*: Consider a DrawingML object defined as follows: `<… descr="A picture of a bowl of fruit">` The descr attribute contains alternative text which can be used in place of the actual DrawingML object. *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.
hidden (Hidden)	Specifies whether this DrawingML object is displayed. When a DrawingML object is

Attributes	Description
Namespace: ~~.../drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	displayed within a document, that object can be hidden (i.e., present, but not visible). This attribute determines whether the object is rendered or made hidden. [*Note*: An application can have settings which allow this object to be viewed. *end note*] If this attribute is omitted, then the parent DrawingML object shall be displayed (i.e., not hidden). [*Example*: Consider an inline DrawingML object which must be hidden within the document's content. This setting would be specified as follows: `<… hidden="true" />` The hidden attribute has a value of `true`, which specifies that the DrawingML object is hidden and not displayed when the document is displayed. *end example*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.
id (Unique Identifier) Namespace: ~~.../drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies a unique identifier for the current DrawingML object within the current document. This ID can be used to assist in uniquely identifying this object so that it can be referred to by other parts of the document. If multiple objects within the same document share the same id attribute value, then the document shall be considered non-conformant. [*Example*: Consider a DrawingML object defined as follows: `<… id="10" … >` The id attribute has a value of `10`, which is the unique identifier for this DrawingML object. *end example*] The possible values for this attribute are defined by the ST_DrawingElementId simple type (§**Error! Reference source not found.**).
name (Name) Namespace: ~~.../drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies the name of the object. [*Note*: Typically, this is used to store the original file name of a picture object. *end note*] [*Example*: Consider a DrawingML object defined as follows: `< … name="foo.jpg" >` The name attribute has a value of `foo.jpg`, which is the name of this DrawingML object. *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.

Attributes	Description
title (Title) Namespace: ~~.../drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies the title (caption) of the current DrawingML object. If this attribute is omitted, then no title text is present for the parent object. [*Example*: Consider a DrawingML object defined as follows: `<… title="Process Flow Diagram">` *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.

The following changes will be made to Section 20.4.2.7, extent (Drawing Object Size):

Attributes	Description
cx (Extent Length) Namespace: ~~.../drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies the length of the extents rectangle in EMUs. This rectangle shall dictate the size of the object as displayed (the result of any scaling to the original object). [*Example*: Consider a DrawingML object specified as follows: `<… cx="1828800" cy="200000"/>` The cx attributes specifies that this object has a height of 1828800 EMUs (English Metric Units). *end example*] The possible values for this attribute are defined by the ST_PositiveCoordinate simple type (§**Error! Reference source not found.**).
cy (Extent Width) Namespace: ~~.../drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies the width of the extents rectangle in EMUs. This rectangle shall dictate the size of the object as displayed (the result of any scaling to the original object). [*Example*: Consider a DrawingML object specified as follows: `< … cx="1828800" cy="200000"/>` The cy attribute specifies that this object has a width of 200000 EMUs (English Metric Units). *end example*] The possible values for this attribute are defined by the ST_PositiveCoordinate simple type (§**Error! Reference source not found.**).

The following changes will be made to Section 20.4.2.9, lineTo (Wrapping Polygon Line End Position):

Attributes	Description
x (X-Axis Coordinate) Namespace: ~~…/drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies a coordinate on the x-axis. The origin point for this coordinate shall be specified by the parent XML element. [*Example*: Consider the following point on a basic wrapping polygon for a DrawingML object: `<… x="0" y="100" />` The x attribute defines an x-coordinate of `0`. *end example*] The possible values for this attribute are defined by the ST_Coordinate simple type (§**Error! Reference source not found.**).
y (Y-Axis Coordinate) Namespace: ~~…/drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies a coordinate on the x-axis. The origin point for this coordinate shall be specified by the parent XML element. [*Example*: Consider the following point on a basic wrapping polygon for a DrawingML object: `<… x="0" y="100" />` The y attribute defines a y-coordinate of `100`. *end example*] The possible values for this attribute are defined by the ST_Coordinate simple type (§**Error! Reference source not found.**).

The following changes will be made to Section 20.4.2.13, simplePos (Simple Positioning Coordinates):

Attributes	Description
x (X-Axis Coordinate) Namespace: ~~…/drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies a coordinate on the x-axis. The origin point for this coordinate shall be specified by the parent XML element. [*Example*: Consider the following point on a basic wrapping polygon for a DrawingML object: `<… x="0" y="100" />` The x attribute defines an x-coordinate of `0`. *end example*] The possible values for this attribute are defined by the ST_Coordinate simple type (§**Error! Reference source not found.**).
y (Y-Axis Coordinate) Namespace:	Specifies a coordinate on the x-axis. The origin point for this coordinate shall be specified by the parent XML element. [*Example*: Consider the following point on a basic wrapping polygon for a DrawingML

Attributes	Description
~~.../drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	object: <… x="0" y="100" /> The y attribute defines a y-coordinate of 100. *end example*] The possible values for this attribute are defined by the ST_Coordinate simple type (§**Error! Reference source not found.**).

The following changes will be made to Section 20.4.2.14, start (Wrapping Polygon Start):

Attributes	Description
x (X-Axis Coordinate) Namespace: ~~.../drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies a coordinate on the x-axis. The origin point for this coordinate shall be specified by the parent XML element. [*Example*: Consider the following point on a basic wrapping polygon for a DrawingML object: <… x="0" y="100" /> The x attribute defines an x-coordinate of 0. *end example*] The possible values for this attribute are defined by the ST_Coordinate simple type (§**Error! Reference source not found.**).
y (Y-Axis Coordinate) Namespace: ~~.../drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies a coordinate on the x-axis. The origin point for this coordinate shall be specified by the parent XML element. [*Example*: Consider the following point on a basic wrapping polygon for a DrawingML object: <… x="0" y="100" /> The y attribute defines a y-coordinate of 100. *end example*] The possible values for this attribute are defined by the ST_Coordinate simple type (§**Error! Reference source not found.**).

The following changes will be made to Section 20.4.3, Simple Types:

This is the complete list of simple types in the ~~http://schemas.openxmlformats.org/drawingml/2006/wordprocessingDrawing~~ http://purl.oclc.org/ooxml/drawingml/wordprocessingDrawing namespace.

The following changes will be made to Section 20.5, DrawingML – SpreadsheetML Drawing:

[*Example*: Consider a DrawingML picture which must be anchored to a specific cell for its top left and bottom right corners, resizing as those cells are relocated. This object would be specified as follows:

```
<xdr:twoCellAnchor>
  <xdr:from>
    …
  </xdr:from>
  <xdr:to>
    …
  </xdr:to>
  <xdr:graphicFrame>
    …
    <a:graphic>
      <a:graphicData
         uri="http://schemas.openxmlformats.org/drawingml/2006/diagram
http://purl.oclc.org/ooxml/drawingml/diagram">
        <dgm:relIds xmlns:dgm="…" xmlns:r="…" r:dm="rId1" r:lo="rId2"
           r:qs="rId3" r:cs="rId4" />
      </a:graphicData>
    </a:graphic>
  </xdr:graphicFrame>
</xdr:twoCellAnchor>
```

The following changes will be made to Section 20.5.2.2, blipFill (Picture Fill):

Attributes	Description
dpi (DPI Setting) Namespace: ~~…/drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies the DPI (dots per inch) used to calculate the size of the blip. If not present or zero, the DPI in the blip is used. [*Note*: This attribute is primarily used to keep track of the picture quality within a document. There are different levels of quality needed for print than on-screen viewing and thus a need to track this information. *end note*] The possible values for this attribute are defined by the W3C XML Schema unsignedInt datatype.
rotWithShape (Rotate With Shape) Namespace:	Specifies that the fill should rotate with the shape. That is, when the shape that has been filled with a picture and the containing shape (say a rectangle) is transformed with a rotation then the fill is transformed with the same rotation.

Attributes	Description
~~.../drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	The possible values for this attribute are defined by the W3C XML Schema boolean datatype.

The following changes will be made to Section 20.5.2.7, cNvPicPr (Non-Visual Picture Drawing Properties):

Attributes	Description
preferRelativeResize (Relative Resize Preferred) Namespace: ~~.../drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies if the user interface should show the resizing of the picture based on the picture's current size or its original size. If this attribute is set to true, then scaling is relative to the original picture size as opposed to the current picture size. [*Example*: Consider the case where a picture has been resized within a document and is now 50% of the originally inserted picture size. Now if the user chooses to make a later adjustment to the size of this picture within the generating application, then the value of this attribute should be checked. If this attribute is set to true then a value of 50% is shown. Similarly, if this attribute is set to false, then a value of 100% should be shown because the picture has not yet been resized from its current (smaller) size. *end example*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.

The following changes will be made to Section 20.5.2.8, cNvPr (Non-Visual Drawing Properties):

Attributes	Description
descr (Alternative Text for Object) Namespace: ~~.../drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies alternative text for the current DrawingML object, for use by assistive technologies or applications which do not display the current object. If this element is omitted, then no alternative text is present for the parent object. [*Example*: Consider a DrawingML object defined as follows: `<… descr="A picture of a bowl of fruit">` The descr attribute contains alternative text which can be used in place of the actual DrawingML object. *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.
hidden (Hidden)	Specifies whether this DrawingML object is displayed. When a DrawingML object is

Attributes	Description
Namespace: ~~.../drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	displayed within a document, that object can be hidden (i.e., present, but not visible). This attribute determines whether the object is rendered or made hidden. [*Note*: An application can have settings which allow this object to be viewed. *end note*] If this attribute is omitted, then the parent DrawingML object shall be displayed (i.e., not hidden). [*Example*: Consider an inline DrawingML object which must be hidden within the document's content. This setting would be specified as follows: `<… hidden="true" />` The hidden attribute has a value of `true`, which specifies that the DrawingML object is hidden and not displayed when the document is displayed. *end example*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.
id (Unique Identifier) Namespace: ~~.../drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies a unique identifier for the current DrawingML object within the current document. This ID can be used to assist in uniquely identifying this object so that it can be referred to by other parts of the document. If multiple objects within the same document share the same id attribute value, then the document shall be considered non-conformant. [*Example*: Consider a DrawingML object defined as follows: `<… id="10" … >` The id attribute has a value of `10`, which is the unique identifier for this DrawingML object. *end example*] The possible values for this attribute are defined by the ST_DrawingElementId simple type (§**Error! Reference source not found.**).
name (Name) Namespace: ~~.../drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies the name of the object. [*Note*: Typically, this is used to store the original file name of a picture object. *end note*] [*Example*: Consider a DrawingML object defined as follows: `< … name="foo.jpg" >` The name attribute has a value of `foo.jpg`, which is the name of this DrawingML object. *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.

Attributes	Description
title (Title) Namespace: ~~…/drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies the title (caption) of the current DrawingML object. If this attribute is omitted, then no title text is present for the parent object. [*Example*: Consider a DrawingML object defined as follows: `<… title="Process Flow Diagram">` *end example*] The possible values for this attribute are defined by the W3C XML Schema string datatype.

The following changes will be made to Section 20.5.2.9, cNvSpPr (Connection Non-Visual Shape Properties):

Attributes	Description
txBox (Text Box) Namespace: ~~…/drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies that the corresponding shape is a text box and thus should be treated as such by the generating application. If this attribute is omitted then it is assumed that the corresponding shape is not specifically a text box. [*Note*: Because a shape is not specified to be a text box does not mean that it cannot have text attached to it. A text box is merely a specialized shape with specific properties. *end note*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.

The following changes will be made to Section 20.5.2.12, contentPart (Content Part):

Change 1

The relationship type of the explicit relationship specified by this element shall be ~~http://schemas.openxmlformats.org/officeDocument/2006/customXml~~ http://purl.oclc.org/ooxml/officeDocument/relationships/customXml and have a TargetMode attribute value of `Internal`. If an application cannot process content of the content type specified by the targeted part, then it should continue to process the file. If possible, it should also provide some indication that unknown content was not imported.

Change 2

The contentPart element specifies that the SVG markup targeted by the relationship with an ID of `svg1` is part of the SpreadsheetML document. Examining the contents of the corresponding relationship part item, we can see the targets for that relationship:

<Relationships … >
…
<Relationship Id="svg1" TargetMode="Internal"
Type="~~http://schemas.openxmlformats.org/officeDocument/2006/relationships/customXml~~
http://purl.oclc.org/ooxml/officeDocument/relationships/customXml" Target="svg1.xml" />
…
</Relationships>

Change 3

Attributes	Description
id (Relationship to Part) Namespace: ~~…/officeDocument/2006/relationships~~ http://purl.oclc.org/ooxml/officeDocument/relationships	Specifies the relationship ID to a content part. [*Example*: Consider an XML element which has the following id attribute: `<… r:id="rId1" />` The markup specifies the associated relationship part with relationship ID `rId1` contains the corresponding relationship information for the parent XML element. *end example*] The possible values for this attribute are defined by the ST_RelationshipId simple type (§**Error! Reference source not found.**).

The following changes will be made to Section 20.5.2.14, ext (Shape Extent):

Attributes	Description
cx (Extent Length) Namespace: ~~…/drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies the length of the extents rectangle in EMUs. This rectangle shall dictate the size of the object as displayed (the result of any scaling to the original object). [*Example*: Consider a DrawingML object specified as follows: `<… cx="1828800" cy="200000"/>` The cx attributes specifies that this object has a height of `1828800` EMUs (English Metric Units). *end example*] The possible values for this attribute are defined by the ST_PositiveCoordinate simple type (§**Error! Reference source not found.**).
cy (Extent Width) Namespace: ~~…/drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawing	Specifies the width of the extents rectangle in EMUs. This rectangle shall dictate the size of the object as displayed (the result of any scaling to the original object). [*Example*: Consider a DrawingML object specified as follows: `< … cx="1828800" cy="200000"/>`

Attributes	Description
ml/main	The cy attribute specifies that this object has a width of `200000` EMUs (English Metric Units). *end example*] The possible values for this attribute are defined by the ST_PositiveCoordinate simple type (§**Error! Reference source not found.**).

The following changes will be made to Section 20.5.2.18, grpSpPr (Group Shape Properties):

Attributes	Description
bwMode (Black and White Mode) Namespace: ~~…/drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies that the group shape should be rendered using only black and white coloring. That is the coloring information for the group shape should be converted to either black or white when rendering the corresponding shapes. No gray is to be used in rendering this image, only stark black and stark white. [*Note*: This does not mean that the group shapes themselves are stored with only black and white color information. This attribute instead sets the rendering mode that the shapes use when rendering. *end note*] The possible values for this attribute are defined by the ST_BlackWhiteMode simple type (§**Error! Reference source not found.**).

The following changes will be made to Section 20.5.2.26, pos (Position):

Attributes	Description
x (X-Axis Coordinate) Namespace: ~~…/drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies a coordinate on the x-axis. The origin point for this coordinate shall be specified by the parent XML element. [*Example*: Consider the following point on a basic wrapping polygon for a DrawingML object: `<… x="0" y="100" />` The x attribute defines an x-coordinate of `0`. *end example*] The possible values for this attribute are defined by the ST_Coordinate simple type (§**Error! Reference source not found.**).
y (Y-Axis Coordinate) Namespace: ~~…/drawingml/2006/main~~	Specifies a coordinate on the x-axis. The origin point for this coordinate shall be specified by the parent XML element. [*Example*: Consider the following point on a basic wrapping polygon for a DrawingML object:

Attributes	Description
http://purl.oclc.org/ooxml/drawingml/main	<… x="0" y="100" /> The y attribute defines a y-coordinate of 100. *end example*] The possible values for this attribute are defined by the ST_Coordinate simple type (§**Error! Reference source not found.**).

The following changes will be made to Section 20.5.2.30, spPr (Shape Properties):

Attributes	Description
bwMode (Black and White Mode) Namespace: ~~…/drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies that the picture should be rendered using only black and white coloring. That is the coloring information for the picture should be converted to either black or white when rendering the picture. No gray is to be used in rendering this image, only stark black and stark white. [*Note*: This does not mean that the picture itself that is stored within the file is necessarily a black and white picture. This attribute instead sets the rendering mode that the picture has applied to when rendering. *end note*] The possible values for this attribute are defined by the ST_BlackWhiteMode simple type (§**Error! Reference source not found.**).

The following changes will be made to Section 20.5.2.36, xfrm (2D Transform for Graphic Frames):

Attributes	Description
flipH (Horizontal Flip) Namespace: ~~…/drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies a horizontal flip. When true, this attribute defines that the shape is flipped horizontally about the center of its bounding box. [*Example*: The following illustrates the effect of a horizontal flip.  *end example*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.
flipV (Vertical Flip) Namespace:	Specifies a vertical flip. When true, this attribute defines that the group is flipped vertically about the center of its bounding box.

Attributes	Description
~~.../drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	[*Example*: The following illustrates the effect of a vertical flip.  *end example*] The possible values for this attribute are defined by the W3C XML Schema boolean datatype.
rot (Rotation) Namespace: ~~.../drawingml/2006/main~~ http://purl.oclc.org/ooxml/drawingml/main	Specifies the rotation of the Graphic Frame. The units for which this attribute is specified in reside within the simple type definition referenced below. The possible values for this attribute are defined by the ST_Angle simple type (§**Error! Reference source not found.**).

The following changes will be made to Section 20.5.3, Simple Types:

This is the complete list of simple types in the ~~http://schemas.openxmlformats.org/drawingml/2006/spreadsheetDrawing~~ http://purl.oclc.org/ooxml/drawingml/spreadsheetDrawing namespace.