

法令標準 XML スキーマについて

平成 29 年 2 月 3 日策定
平成 31 年 4 月 1 日改訂
令和 2 年 11 月 24 日改訂

```
<?xml version="1.0" encoding="UTF-8"?>
<!--
XMLSchema for Japanese Law
Version: 3.0
Date: Nov 24, 2020
Contact: Ministry of Internal Affairs and Communications, Government of JAPAN
-->
<!-- Law ===== -->
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified">
  <xs:element name="Law">
    <xs:complexType>
      <xs:sequence>
        <xs:element ref="LawNum"/>
        <xs:element ref="LawBody"/>
      </xs:sequence>
      <xs:attribute name="Era" use="required">
        <xs:simpleType>
          <xs:restriction base="xs:token">
            <xs:enumeration value="Meiji"/>
            <xs:enumeration value="Taisho"/>
            <xs:enumeration value="Showa"/>
            <xs:enumeration value="Heisei"/>
            <xs:enumeration value="Reiwa"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:attribute>
      <xs:attribute name="Year" use="required" type="xs:positiveInteger"/>
      <xs:attribute name="Num" use="required" type="xs:positiveInteger"/>
      <xs:attribute name="PromulgateMonth" type="xs:positiveInteger"/>
      <xs:attribute name="PromulgateDay" type="xs:positiveInteger"/>
      <xs:attribute name="LawType" use="required">
        <xs:simpleType>
          <xs:restriction base="xs:token">
            <xs:enumeration value="Constitution"/>
            <xs:enumeration value="Act"/>
            <xs:enumeration value="CabinetOrder"/>
            <xs:enumeration value="ImperialOrder"/>
            <xs:enumeration value="MinisterialOrdinance"/>
            <xs:enumeration value="Rule"/>
            <xs:enumeration value="Misc"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:attribute>
      <xs:attribute name="Lang" use="required">
        <xs:simpleType>
          <xs:restriction base="xs:token">
```

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        <xs:enumeration value="ja"/>
        <xs:enumeration value="en"/>
    </xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
<xs:element name="LawNum" type="xs:string"/>
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    <xs:complexType>
        <xs:sequence>
            <xs:choice>
                <xs:sequence>
                    <xs:element ref="LawTitle"/>
                    <xs:element minOccurs="0" maxOccurs="unbounded" ref="EnactStatement"/>
                    <xs:element minOccurs="0" ref="TOC"/>
                </xs:sequence>
                <xs:sequence>
                    <xs:element maxOccurs="unbounded" ref="EnactStatement"/>
                    <xs:element minOccurs="0" ref="TOC"/>
                </xs:sequence>
                <xs:sequence>
                    <xs:element ref="TOC"/>
                    <xs:element minOccurs="0" ref="LawTitle"/>
                </xs:sequence>
            </xs:choice>
            <xs:element minOccurs="0" ref="Preamble"/>
            <xs:element ref="MainProvision"/>
            <xs:choice minOccurs="0" maxOccurs="unbounded">
                <xs:element ref="SupplProvision"/>
                <xs:element ref="AppdxTable"/>
                <xs:element ref="AppdxNote"/>
                <xs:element ref="AppdxStyle"/>
                <xs:element ref="Appdx"/>
                <xs:element ref="AppdxFig"/>
                <xs:element ref="AppdxFormat"/>
            </xs:choice>
            </xs:sequence>
            <xs:attribute name="Subject"/>
        </xs:complexType>
    </xs:element>
<xs:element name="LawTitle">
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        <xs:choice minOccurs="0" maxOccurs="unbounded">
            <xs:element ref="Line"/>
            <xs:element ref="Ruby"/>
            <xs:element ref="Sup"/>
            <xs:element ref="Sub"/>
        </xs:choice>
        <xs:attribute name="Kana"/>
        <xs:attribute name="Abbrev"/>
        <xs:attribute name="AbbrevKana"/>
    </xs:complexType>
</xs:element>
<xs:element name="EnactStatement">
    <xs:complexType mixed="true">
        <xs:choice minOccurs="0" maxOccurs="unbounded">

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    <xs:element ref="Line"/>
    <xs:element ref="Ruby"/>
    <xs:element ref="Sup"/>
    <xs:element ref="Sub"/>
  </xs:choice>
</xs:complexType>
</xs:element>
<!-- TOC ===== -->
<xs:element name="TOC">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" ref="TOCLabel"/>
      <xs:element minOccurs="0" ref="TOCPreambleLabel"/>
      <xs:choice>
        <xs:element maxOccurs="unbounded" ref="TOCPart"/>
        <xs:element maxOccurs="unbounded" ref="TOCChapter"/>
        <xs:element maxOccurs="unbounded" ref="TOCSection"/>
        <xs:element maxOccurs="unbounded" ref="TOCArticle"/>
      </xs:choice>
      <xs:element minOccurs="0" ref="TOCSupplProvision"/>
      <xs:element minOccurs="0" maxOccurs="unbounded" ref="TOCAppdxTableLabel"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
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    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="TOCPreambleLabel">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="TOCPart">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="PartTitle"/>
      <xs:element minOccurs="0" ref="ArticleRange"/>
      <xs:element minOccurs="0" maxOccurs="unbounded" ref="TOCChapter"/>
    </xs:sequence>
    <xs:attribute name="Num" use="required"/>
    <xs:attribute name="Delete" type="xs:boolean" default="false"/>
  </xs:complexType>
</xs:element>
<xs:element name="TOCChapter">
  <xs:complexType>
    <xs:sequence>

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    <xs:element ref="ChapterTitle"/>
    <xs:element minOccurs="0" ref="ArticleRange"/>
    <xs:element minOccurs="0" maxOccurs="unbounded" ref="TOCSection"/>
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    <xs:sequence>
      <xs:element ref="SectionTitle"/>
      <xs:element minOccurs="0" ref="ArticleRange"/>
      <xs:choice minOccurs="0" maxOccurs="unbounded">
        <xs:element ref="TOCSubsection"/>
        <xs:element ref="TOCDivision"/>
      </xs:choice>
    </xs:sequence>
    <xs:attribute name="Num" use="required"/>
    <xs:attribute name="Delete" type="xs:boolean" default="false"/>
  </xs:complexType>
</xs:element>
<xs:element name="TOCSubsection">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="SubsectionTitle"/>
      <xs:element minOccurs="0" ref="ArticleRange"/>
      <xs:element minOccurs="0" maxOccurs="unbounded" ref="TOCDivision"/>
    </xs:sequence>
    <xs:attribute name="Num" use="required"/>
    <xs:attribute name="Delete" type="xs:boolean" default="false"/>
  </xs:complexType>
</xs:element>
<xs:element name="TOCDivision">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="DivisionTitle"/>
      <xs:element minOccurs="0" ref="ArticleRange"/>
    </xs:sequence>
    <xs:attribute name="Num" use="required"/>
    <xs:attribute name="Delete" type="xs:boolean" default="false"/>
  </xs:complexType>
</xs:element>
<xs:element name="TOCArticle">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="ArticleTitle"/>
      <xs:element ref="ArticleCaption"/>
    </xs:sequence>
    <xs:attribute name="Num" use="required"/>
    <xs:attribute name="Delete" type="xs:boolean" default="false"/>
  </xs:complexType>
</xs:element>
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  <xs:complexType>
    <xs:sequence>
      <xs:element ref="SupplProvisionLabel"/>
      <xs:element minOccurs="0" ref="ArticleRange"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

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        <xs:choice minOccurs="0" maxOccurs="unbounded">
            <xs:element ref="TOCArticle"/>
            <xs:element ref="TOCChapter"/>
        </xs:choice>
    </xs:sequence>
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</xs:element>
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        <xs:choice minOccurs="0" maxOccurs="unbounded">
            <xs:element ref="Line"/>
            <xs:element ref="Ruby"/>
            <xs:element ref="Sup"/>
            <xs:element ref="Sub"/>
        </xs:choice>
    </xs:complexType>
</xs:element>
<xs:element name="ArticleRange">
    <xs:complexType mixed="true">
        <xs:choice minOccurs="0" maxOccurs="unbounded">
            <xs:element ref="Line"/>
            <xs:element ref="Ruby"/>
            <xs:element ref="Sup"/>
            <xs:element ref="Sub"/>
        </xs:choice>
    </xs:complexType>
</xs:element>
<!-- Preamble ===== -->
<xs:element name="Preamble">
    <xs:complexType>
        <xs:sequence>
            <xs:element maxOccurs="unbounded" ref="Paragraph"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<!-- MainProvision ===== -->
<xs:element name="MainProvision">
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        <xs:choice>
            <xs:element maxOccurs="unbounded" ref="Part"/>
            <xs:element maxOccurs="unbounded" ref="Chapter"/>
            <xs:element maxOccurs="unbounded" ref="Section"/>
            <xs:element maxOccurs="unbounded" ref="Article"/>
            <xs:element maxOccurs="unbounded" ref="Paragraph"/>
        </xs:choice>
        <xs:attribute name="Extract" type="xs:boolean"/>
    </xs:complexType>
</xs:element>
<!-- Part ===== -->
<xs:element name="Part">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="PartTitle"/>
            <xs:choice>
                <xs:sequence>
                    <xs:element maxOccurs="unbounded" ref="Article"/>
                    <xs:element minOccurs="0" maxOccurs="unbounded" ref="Chapter"/>
                </xs:sequence>
            </xs:choice>
        </xs:sequence>
    </xs:complexType>
</xs:element>

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        <xs:element maxOccurs="unbounded" ref="Chapter"/>
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</xs:sequence>
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<xs:attribute name="Hide" type="xs:boolean" default="false"/>
</xs:complexType>
</xs:element>
<xs:element name="PartTitle">
    <xs:complexType mixed="true">
        <xs:choice minOccurs="0" maxOccurs="unbounded">
            <xs:element ref="Line"/>
            <xs:element ref="Ruby"/>
            <xs:element ref="Sup"/>
            <xs:element ref="Sub"/>
        </xs:choice>
    </xs:complexType>
</xs:element>
<!-- Chapter =====>
<xs:element name="Chapter">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="ChapterTitle"/>
            <xs:choice>
                <xs:sequence>
                    <xs:element maxOccurs="unbounded" ref="Article"/>
                    <xs:element minOccurs="0" maxOccurs="unbounded" ref="Section"/>
                </xs:sequence>
                <xs:element maxOccurs="unbounded" ref="Section"/>
            </xs:choice>
        </xs:sequence>
        <xs:attribute name="Num" use="required"/>
        <xs:attribute name="Delete" type="xs:boolean" default="false"/>
        <xs:attribute name="Hide" type="xs:boolean" default="false"/>
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<xs:element name="ChapterTitle">
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        <xs:choice minOccurs="0" maxOccurs="unbounded">
            <xs:element ref="Line"/>
            <xs:element ref="Ruby"/>
            <xs:element ref="Sup"/>
            <xs:element ref="Sub"/>
        </xs:choice>
    </xs:complexType>
</xs:element>
<!-- Section =====>
<xs:element name="Section">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="SectionTitle"/>
            <xs:choice>
                <xs:sequence>
                    <xs:element maxOccurs="unbounded" ref="Article"/>
                    <xs:element minOccurs="0" maxOccurs="unbounded" ref="Subsection"/>
                </xs:sequence>
                <xs:element maxOccurs="unbounded" ref="Subsection"/>
                <xs:element maxOccurs="unbounded" ref="Division"/>
            </xs:choice>
        </xs:sequence>
    </xs:complexType>
</xs:element>

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```

    </xs:choice>
  </xs:sequence>
  <xs:attribute name="Num" use="required"/>
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  <xs:attribute name="Hide" type="xs:boolean" default="false"/>
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      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<!-- Subsection ===== -->
<xs:element name="Subsection">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="SubsectionTitle"/>
      <xs:choice>
        <xs:sequence>
          <xs:element maxOccurs="unbounded" ref="Article"/>
          <xs:element minOccurs="0" maxOccurs="unbounded" ref="Division"/>
        </xs:sequence>
        <xs:element maxOccurs="unbounded" ref="Division"/>
      </xs:choice>
    </xs:sequence>
    <xs:attribute name="Num" use="required"/>
    <xs:attribute name="Delete" type="xs:boolean" default="false"/>
    <xs:attribute name="Hide" type="xs:boolean" default="false"/>
  </xs:complexType>
</xs:element>
<xs:element name="SubsectionTitle">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<!-- Division ===== -->
<xs:element name="Division">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="DivisionTitle"/>
      <xs:element maxOccurs="unbounded" ref="Article"/>
    </xs:sequence>
    <xs:attribute name="Num" use="required"/>
    <xs:attribute name="Delete" type="xs:boolean" default="false"/>
    <xs:attribute name="Hide" type="xs:boolean" default="false"/>
  </xs:complexType>
</xs:element>
<xs:element name="DivisionTitle">

```

```

<xs:complexType mixed="true">
  <xs:choice minOccurs="0" maxOccurs="unbounded">
    <xs:element ref="Line"/>
    <xs:element ref="Ruby"/>
    <xs:element ref="Sup"/>
    <xs:element ref="Sub"/>
  </xs:choice>
</xs:complexType>
</xs:element>
<!-- Article ===== -->
<xs:element name="Article">
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    <xs:sequence>
      <xs:choice>
        <xs:sequence>
          <xs:element ref="ArticleCaption"/>
          <xs:element ref="ArticleTitle"/>
        </xs:sequence>
        <xs:sequence>
          <xs:element ref="ArticleTitle"/>
          <xs:element minOccurs="0" ref="ArticleCaption"/>
        </xs:sequence>
      </xs:choice>
      <xs:element maxOccurs="unbounded" ref="Paragraph"/>
      <xs:element minOccurs="0" ref="SuplNote"/>
    </xs:sequence>
    <xs:attribute name="Num" use="required"/>
    <xs:attribute name="Delete" type="xs:boolean" default="false"/>
    <xs:attribute name="Hide" type="xs:boolean" default="false"/>
  </xs:complexType>
</xs:element>
<xs:element name="ArticleTitle">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="ArticleCaption">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
    <xs:attribute name="CommonCaption" type="xs:boolean"/>
  </xs:complexType>
</xs:element>
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    <xs:sequence>
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      <xs:element ref="ParagraphNum"/>
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  </xs:complexType>
</xs:element>

```



```

<xs:element ref="ParagraphSentence"/>
<xs:choice>
  <xs:element minOccurs="0" maxOccurs="unbounded" ref="AmendProvision"/>
  <xs:element minOccurs="0" maxOccurs="unbounded" ref="Class"/>
  <xs:sequence>
    <xs:choice maxOccurs="unbounded">
      <xs:element ref="TableStruct"/>
      <xs:element ref="FigStruct"/>
      <xs:element ref="StyleStruct"/>
    </xs:choice>
    <xs:element minOccurs="0" maxOccurs="unbounded" ref="Item"/>
  </xs:sequence>
</xs:sequence>
<xs:sequence>
  <xs:element maxOccurs="unbounded" ref="Item"/>
  <xs:choice minOccurs="0" maxOccurs="unbounded">
    <xs:element ref="TableStruct"/>
    <xs:element ref="FigStruct"/>
    <xs:element ref="StyleStruct"/>
    <xs:element ref="List"/>
  </xs:choice>
</xs:sequence>
</xs:choice>
</xs:sequence>
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<xs:attribute name="OldStyle" type="xs:boolean" default="false"/>
<xs:attribute name="OldNum" type="xs:boolean" default="false"/>
<xs:attribute name="Hide" type="xs:boolean" default="false"/>
</xs:complexType>
</xs:element>
<xs:element name="ParagraphCaption">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
    <xs:attribute name="CommonCaption" type="xs:boolean"/>
  </xs:complexType>
</xs:element>
<xs:element name="ParagraphNum">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="ParagraphSentence">
  <xs:complexType>
    <xs:sequence>
      <xs:element maxOccurs="unbounded" ref="Sentence"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<!-- SupplNote =====>

```

```

<xs:element name="SupplNote">
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      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<!-- AmendProvision ===== -->
<xs:element name="AmendProvision">
  <xs:complexType>
    <xs:choice>
      <xs:sequence>
        <xs:element ref="AmendProvisionSentence"/>
        <xs:element minOccurs="0" maxOccurs="unbounded" ref="NewProvision"/>
      </xs:sequence>
      <xs:element maxOccurs="unbounded" ref="NewProvision"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
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  <xs:complexType>
    <xs:sequence>
      <xs:element ref="Sentence"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="NewProvision">
  <xs:complexType>
    <xs:choice>
      <xs:choice>
        <xs:element ref="LawTitle"/>
        <xs:element ref="Preamble"/>
        <xs:element ref="TOC"/>
        <xs:element maxOccurs="unbounded" ref="Part"/>
        <xs:element maxOccurs="unbounded" ref="PartTitle"/>
        <xs:element maxOccurs="unbounded" ref="Chapter"/>
        <xs:element maxOccurs="unbounded" ref="ChapterTitle"/>
        <xs:element maxOccurs="unbounded" ref="Section"/>
        <xs:element maxOccurs="unbounded" ref="SectionTitle"/>
        <xs:element maxOccurs="unbounded" ref="Subsection"/>
        <xs:element maxOccurs="unbounded" ref="SubsectionTitle"/>
        <xs:element maxOccurs="unbounded" ref="Division"/>
        <xs:element maxOccurs="unbounded" ref="DivisionTitle"/>
        <xs:element maxOccurs="unbounded" ref="Article"/>
        <xs:element maxOccurs="unbounded" ref="SupplNote"/>
        <xs:element maxOccurs="unbounded" ref="Paragraph"/>
        <xs:element maxOccurs="unbounded" ref="Item"/>
        <xs:element maxOccurs="unbounded" ref="Subitem1"/>
        <xs:element maxOccurs="unbounded" ref="Subitem2"/>
        <xs:element maxOccurs="unbounded" ref="Subitem3"/>
        <xs:element maxOccurs="unbounded" ref="Subitem4"/>
        <xs:element maxOccurs="unbounded" ref="Subitem5"/>
        <xs:element maxOccurs="unbounded" ref="Subitem6"/>
        <xs:element maxOccurs="unbounded" ref="Subitem7"/>
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      </xs:choice>
    </xs:choice>
  </xs:complexType>

```

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    <xs:element maxOccurs="unbounded" ref="Subitem9"/>
    <xs:element maxOccurs="unbounded" ref="Subitem10"/>
    <xs:element maxOccurs="unbounded" ref="List"/>
    <xs:element maxOccurs="unbounded" ref="Sentence"/>
    <xs:element maxOccurs="unbounded" ref="AmendProvision"/>
    <xs:element maxOccurs="unbounded" ref="AppdxTable"/>
    <xs:element maxOccurs="unbounded" ref="AppdxNote"/>
    <xs:element maxOccurs="unbounded" ref="AppdxStyle"/>
    <xs:element maxOccurs="unbounded" ref="Appdx"/>
    <xs:element maxOccurs="unbounded" ref="AppdxFig"/>
    <xs:element maxOccurs="unbounded" ref="AppdxFormat"/>
    <xs:element maxOccurs="unbounded" ref="SupplProvisionAppdxStyle"/>
    <xs:element maxOccurs="unbounded" ref="SupplProvisionAppdxTable"/>
    <xs:element maxOccurs="unbounded" ref="SupplProvisionAppdx"/>
    <xs:element ref="TableStruct"/>
    <xs:element maxOccurs="unbounded" ref="TableRow"/>
    <xs:element maxOccurs="unbounded" ref="TableColumn"/>
    <xs:element ref="FigStruct"/>
    <xs:element ref="NoteStruct"/>
    <xs:element ref="StyleStruct"/>
    <xs:element ref="FormatStruct"/>
    <xs:element ref="Remarks"/>
  </xs:choice>
  <xs:element ref="LawBody"/>
</xs:choice>
</xs:complexType>
</xs:element>
<!-- Class ===== -->
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    <xs:sequence>
      <xs:element minOccurs="0" ref="ClassTitle"/>
      <xs:element ref="ClassSentence"/>
      <xs:element minOccurs="0" maxOccurs="unbounded" ref="Item"/>
    </xs:sequence>
    <xs:attribute name="Num" use="required"/>
  </xs:complexType>
</xs:element>
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  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="ClassSentence">
  <xs:complexType>
    <xs:choice>
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      <xs:element maxOccurs="unbounded" ref="Column"/>
      <xs:element ref="Table"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<!-- Item ===== -->

```

```

<xs:element name="Item">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" ref="ItemTitle"/>
      <xs:element ref="ItemSentence"/>
      <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="unbounded" ref="Subitem1"/>
        <xs:choice minOccurs="0" maxOccurs="unbounded">
          <xs:element ref="TableStruct"/>
          <xs:element ref="FigStruct"/>
          <xs:element ref="StyleStruct"/>
          <xs:element ref="List"/>
        </xs:choice>
      </xs:sequence>
    </xs:sequence>
    <xs:attribute name="Num" use="required"/>
    <xs:attribute name="Delete" type="xs:boolean" default="false"/>
    <xs:attribute name="Hide" type="xs:boolean" default="false"/>
  </xs:complexType>
</xs:element>
<xs:element name="ItemTitle">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="ItemSentence">
  <xs:complexType>
    <xs:choice>
      <xs:element maxOccurs="unbounded" ref="Sentence"/>
      <xs:element maxOccurs="unbounded" ref="Column"/>
      <xs:element ref="Table"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<!-- Subitem level1 =====> -->
<xs:element name="Subitem1">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" ref="Subitem1Title"/>
      <xs:element ref="Subitem1Sentence"/>
      <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="unbounded" ref="Subitem2"/>
        <xs:choice minOccurs="0" maxOccurs="unbounded">
          <xs:element ref="TableStruct"/>
          <xs:element ref="FigStruct"/>
          <xs:element ref="StyleStruct"/>
          <xs:element ref="List"/>
        </xs:choice>
      </xs:sequence>
    </xs:sequence>
    <xs:attribute name="Num" use="required"/>
    <xs:attribute name="Delete" type="xs:boolean" default="false"/>
    <xs:attribute name="Hide" type="xs:boolean" default="false"/>
  </xs:complexType>
</xs:element>

```

```

</xs:complexType>
</xs:element>
<xs:element name="Subitem1Title">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="Subitem1Sentence">
  <xs:complexType>
    <xs:choice>
      <xs:element maxOccurs="unbounded" ref="Sentence"/>
      <xs:element maxOccurs="unbounded" ref="Column"/>
      <xs:element ref="Table"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<!-- Subitem level2 =====>
<xs:element name="Subitem2">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" ref="Subitem2Title"/>
      <xs:element ref="Subitem2Sentence"/>
      <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="unbounded" ref="Subitem3"/>
        <xs:choice minOccurs="0" maxOccurs="unbounded">
          <xs:element ref="TableStruct"/>
          <xs:element ref="FigStruct"/>
          <xs:element ref="StyleStruct"/>
          <xs:element ref="List"/>
        </xs:choice>
      </xs:sequence>
    </xs:sequence>
    <xs:attribute name="Num" use="required"/>
    <xs:attribute name="Delete" type="xs:boolean" default="false"/>
    <xs:attribute name="Hide" type="xs:boolean" default="false"/>
  </xs:complexType>
</xs:element>
<xs:element name="Subitem2Title">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="Subitem2Sentence">
  <xs:complexType>
    <xs:choice>
      <xs:element maxOccurs="unbounded" ref="Sentence"/>
      <xs:element maxOccurs="unbounded" ref="Column"/>
      <xs:element ref="Table"/>
    </xs:choice>
  </xs:complexType>

```

```

    </xs:choice>
  </xs:complexType>
</xs:element>
<!-- Subitem level3 ===== -->
<xs:element name="Subitem3">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" ref="Subitem3Title"/>
      <xs:element ref="Subitem3Sentence"/>
      <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="unbounded" ref="Subitem4"/>
        <xs:choice minOccurs="0" maxOccurs="unbounded">
          <xs:element ref="TableStruct"/>
          <xs:element ref="FigStruct"/>
          <xs:element ref="StyleStruct"/>
          <xs:element ref="List"/>
        </xs:choice>
      </xs:sequence>
    </xs:sequence>
    <xs:attribute name="Num" use="required"/>
    <xs:attribute name="Delete" type="xs:boolean" default="false"/>
    <xs:attribute name="Hide" type="xs:boolean" default="false"/>
  </xs:complexType>
</xs:element>
<xs:element name="Subitem3Title">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="Subitem3Sentence">
  <xs:complexType>
    <xs:choice>
      <xs:element maxOccurs="unbounded" ref="Sentence"/>
      <xs:element maxOccurs="unbounded" ref="Column"/>
      <xs:element ref="Table"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<!-- Subitem level4 ===== -->
<xs:element name="Subitem4">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" ref="Subitem4Title"/>
      <xs:element ref="Subitem4Sentence"/>
      <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="unbounded" ref="Subitem5"/>
        <xs:choice minOccurs="0" maxOccurs="unbounded">
          <xs:element ref="TableStruct"/>
          <xs:element ref="FigStruct"/>
          <xs:element ref="StyleStruct"/>
          <xs:element ref="List"/>
        </xs:choice>
      </xs:sequence>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```

```

    </xs:sequence>
    <xs:attribute name="Num" use="required"/>
    <xs:attribute name="Delete" type="xs:boolean" default="false"/>
    <xs:attribute name="Hide" type="xs:boolean" default="false"/>
  </xs:complexType>
</xs:element>
<xs:element name="Subitem4Title">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="Subitem4Sentence">
  <xs:complexType>
    <xs:choice>
      <xs:element maxOccurs="unbounded" ref="Sentence"/>
      <xs:element maxOccurs="unbounded" ref="Column"/>
      <xs:element ref="Table"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<!-- Subitem level5 =====>
<xs:element name="Subitem5">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" ref="Subitem5Title"/>
      <xs:element ref="Subitem5Sentence"/>
      <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="unbounded" ref="Subitem6"/>
        <xs:choice minOccurs="0" maxOccurs="unbounded">
          <xs:element ref="TableStruct"/>
          <xs:element ref="FigStruct"/>
          <xs:element ref="StyleStruct"/>
          <xs:element ref="List"/>
        </xs:choice>
      </xs:sequence>
    </xs:sequence>
    <xs:attribute name="Num" use="required"/>
    <xs:attribute name="Delete" type="xs:boolean" default="false"/>
    <xs:attribute name="Hide" type="xs:boolean" default="false"/>
  </xs:complexType>
</xs:element>
<xs:element name="Subitem5Title">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="Subitem5Sentence">
  <xs:complexType>

```

```

    <xs:choice>
      <xs:element maxOccurs="unbounded" ref="Sentence"/>
      <xs:element maxOccurs="unbounded" ref="Column"/>
      <xs:element ref="Table"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<!-- Subitem level6 ===== -->
<xs:element name="Subitem6">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" ref="Subitem6Title"/>
      <xs:element ref="Subitem6Sentence"/>
      <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="unbounded" ref="Subitem7"/>
        <xs:choice minOccurs="0" maxOccurs="unbounded">
          <xs:element ref="TableStruct"/>
          <xs:element ref="FigStruct"/>
          <xs:element ref="StyleStruct"/>
          <xs:element ref="List"/>
        </xs:choice>
      </xs:sequence>
    </xs:sequence>
    <xs:attribute name="Num" use="required"/>
    <xs:attribute name="Delete" type="xs:boolean" default="false"/>
    <xs:attribute name="Hide" type="xs:boolean" default="false"/>
  </xs:complexType>
</xs:element>
<xs:element name="Subitem6Title">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="Subitem6Sentence">
  <xs:complexType>
    <xs:choice>
      <xs:element maxOccurs="unbounded" ref="Sentence"/>
      <xs:element maxOccurs="unbounded" ref="Column"/>
      <xs:element ref="Table"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<!-- Subitem level7 ===== -->
<xs:element name="Subitem7">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" ref="Subitem7Title"/>
      <xs:element ref="Subitem7Sentence"/>
      <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="unbounded" ref="Subitem8"/>
        <xs:choice minOccurs="0" maxOccurs="unbounded">
          <xs:element ref="TableStruct"/>
          <xs:element ref="FigStruct"/>
        </xs:choice>
      </xs:sequence>
    </xs:sequence>
  </xs:complexType>
</xs:element>

```



```

        <xs:element ref="StyleStruct"/>
        <xs:element ref="List"/>
    </xs:choice>
</xs:sequence>
</xs:sequence>
<xs:attribute name="Num" use="required"/>
<xs:attribute name="Delete" type="xs:boolean" default="false"/>
<xs:attribute name="Hide" type="xs:boolean" default="false"/>
</xs:complexType>
</xs:element>
<xs:element name="Subitem7Title">
    <xs:complexType mixed="true">
        <xs:choice minOccurs="0" maxOccurs="unbounded">
            <xs:element ref="Line"/>
            <xs:element ref="Ruby"/>
            <xs:element ref="Sup"/>
            <xs:element ref="Sub"/>
        </xs:choice>
    </xs:complexType>
</xs:element>
<xs:element name="Subitem7Sentence">
    <xs:complexType>
        <xs:choice>
            <xs:element maxOccurs="unbounded" ref="Sentence"/>
            <xs:element maxOccurs="unbounded" ref="Column"/>
            <xs:element ref="Table"/>
        </xs:choice>
    </xs:complexType>
</xs:element>
<!-- Subitem level8 =====> -->
<xs:element name="Subitem8">
    <xs:complexType>
        <xs:sequence>
            <xs:element minOccurs="0" ref="Subitem8Title"/>
            <xs:element ref="Subitem8Sentence"/>
            <xs:sequence>
                <xs:element minOccurs="0" maxOccurs="unbounded" ref="Subitem9"/>
                <xs:choice minOccurs="0" maxOccurs="unbounded">
                    <xs:element ref="TableStruct"/>
                    <xs:element ref="FigStruct"/>
                    <xs:element ref="StyleStruct"/>
                    <xs:element ref="List"/>
                </xs:choice>
            </xs:sequence>
        </xs:sequence>
        <xs:attribute name="Num" use="required"/>
        <xs:attribute name="Delete" type="xs:boolean" default="false"/>
        <xs:attribute name="Hide" type="xs:boolean" default="false"/>
    </xs:complexType>
</xs:element>
<xs:element name="Subitem8Title">
    <xs:complexType mixed="true">
        <xs:choice minOccurs="0" maxOccurs="unbounded">
            <xs:element ref="Line"/>
            <xs:element ref="Ruby"/>
            <xs:element ref="Sup"/>
            <xs:element ref="Sub"/>
        </xs:choice>
    </xs:complexType>

```

```

</xs:complexType>
</xs:element>
<xs:element name="Subitem8Sentence">
  <xs:complexType>
    <xs:choice>
      <xs:element maxOccurs="unbounded" ref="Sentence"/>
      <xs:element maxOccurs="unbounded" ref="Column"/>
      <xs:element ref="Table"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<!-- Subitem level9 =====>
<xs:element name="Subitem9">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" ref="Subitem9Title"/>
      <xs:element ref="Subitem9Sentence"/>
      <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="unbounded" ref="Subitem10"/>
        <xs:choice minOccurs="0" maxOccurs="unbounded">
          <xs:element ref="TableStruct"/>
          <xs:element ref="FigStruct"/>
          <xs:element ref="StyleStruct"/>
          <xs:element ref="List"/>
        </xs:choice>
      </xs:sequence>
    </xs:sequence>
    <xs:attribute name="Num" use="required"/>
    <xs:attribute name="Delete" type="xs:boolean" default="false"/>
    <xs:attribute name="Hide" type="xs:boolean" default="false"/>
  </xs:complexType>
</xs:element>
<xs:element name="Subitem9Title">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="Subitem9Sentence">
  <xs:complexType>
    <xs:choice>
      <xs:element maxOccurs="unbounded" ref="Sentence"/>
      <xs:element maxOccurs="unbounded" ref="Column"/>
      <xs:element ref="Table"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<!-- Subitem level10 =====>
<xs:element name="Subitem10">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" ref="Subitem10Title"/>
      <xs:element ref="Subitem10Sentence"/>
      <xs:choice minOccurs="0" maxOccurs="unbounded">

```

```

        <xs:element ref="TableStruct"/>
        <xs:element ref="FigStruct"/>
        <xs:element ref="StyleStruct"/>
        <xs:element ref="List"/>
    </xs:choice>
</xs:sequence>
<xs:attribute name="Num" use="required"/>
<xs:attribute name="Delete" type="xs:boolean" default="false"/>
<xs:attribute name="Hide" type="xs:boolean" default="false"/>
</xs:complexType>
</xs:element>
<xs:element name="Subitem10Title">
    <xs:complexType mixed="true">
        <xs:choice minOccurs="0" maxOccurs="unbounded">
            <xs:element ref="Line"/>
            <xs:element ref="Ruby"/>
            <xs:element ref="Sup"/>
            <xs:element ref="Sub"/>
        </xs:choice>
    </xs:complexType>
</xs:element>
<xs:element name="Subitem10Sentence">
    <xs:complexType>
        <xs:choice>
            <xs:element maxOccurs="unbounded" ref="Sentence"/>
            <xs:element maxOccurs="unbounded" ref="Column"/>
            <xs:element ref="Table"/>
        </xs:choice>
    </xs:complexType>
</xs:element>
<!-- Sentence =====>
<xs:element name="Sentence">
    <xs:complexType mixed="true">
        <xs:choice minOccurs="0" maxOccurs="unbounded">
            <xs:element ref="Line"/>
            <xs:element ref="QuoteStruct"/>
            <xs:element ref="ArithFormula"/>
            <xs:element ref="Ruby"/>
            <xs:element ref="Sup"/>
            <xs:element ref="Sub"/>
        </xs:choice>
        <xs:attribute name="Num" type="xs:positiveInteger"/>
        <xs:attribute name="Function">
            <xs:simpleType>
                <xs:restriction base="xs:token">
                    <xs:enumeration value="main"/>
                    <xs:enumeration value="proviso"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
        <xs:attribute name="Indent">
            <xs:simpleType>
                <xs:restriction base="xs:token">
                    <xs:enumeration value="Paragraph"/>
                    <xs:enumeration value="Item"/>
                    <xs:enumeration value="Subitem1"/>
                    <xs:enumeration value="Subitem2"/>
                    <xs:enumeration value="Subitem3"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
</xs:element>

```

```

        <xs:enumeration value="Subitem4"/>
        <xs:enumeration value="Subitem5"/>
        <xs:enumeration value="Subitem6"/>
        <xs:enumeration value="Subitem7"/>
        <xs:enumeration value="Subitem8"/>
        <xs:enumeration value="Subitem9"/>
        <xs:enumeration value="Subitem10"/>
    </xs:restriction>
</xs:simpleType>
</xs:attribute>
<xs:attribute name="WritingMode" default="vertical">
    <xs:simpleType>
        <xs:restriction base="xs:token">
            <xs:enumeration value="vertical"/>
            <xs:enumeration value="horizontal"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
<!-- Column ===== -->
<xs:element name="Column">
    <xs:complexType>
        <xs:sequence>
            <xs:element maxOccurs="unbounded" ref="Sentence"/>
        </xs:sequence>
        <xs:attribute name="Num" type="xs:positiveInteger"/>
        <xs:attribute name="LineBreak" type="xs:boolean" default="false"/>
        <xs:attribute name="Align">
            <xs:simpleType>
                <xs:restriction base="xs:token">
                    <xs:enumeration value="left"/>
                    <xs:enumeration value="center"/>
                    <xs:enumeration value="right"/>
                    <xs:enumeration value="justify"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
</xs:element>
<!-- SupplProvision ===== -->
<xs:element name="SupplProvision">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="SupplProvisionLabel"/>
            <xs:choice maxOccurs="unbounded">
                <xs:element ref="Chapter"/>
                <xs:element ref="Article"/>
                <xs:element ref="Paragraph"/>
            </xs:choice>
            <xs:choice minOccurs="0" maxOccurs="unbounded">
                <xs:element ref="SupplProvisionAppdxTable"/>
                <xs:element ref="SupplProvisionAppdxStyle"/>
                <xs:element ref="SupplProvisionAppdx"/>
            </xs:choice>
        </xs:sequence>
        <xs:attribute name="Type">
            <xs:simpleType>

```

```

        <xs:restriction base="xs:token">
            <xs:enumeration value="New"/>
            <xs:enumeration value="Amend"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
<xs:attribute name="AmendLawNum"/>
<xs:attribute name="Extract" type="xs:boolean"/>
</xs:complexType>
</xs:element>
<xs:element name="SupplProvisionLabel">
    <xs:complexType mixed="true">
        <xs:choice minOccurs="0" maxOccurs="unbounded">
            <xs:element ref="Line"/>
            <xs:element ref="Ruby"/>
            <xs:element ref="Sup"/>
            <xs:element ref="Sub"/>
        </xs:choice>
    </xs:complexType>
</xs:element>
<xs:element name="SupplProvisionAppdxTable">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="SupplProvisionAppdxTableTitle"/>
            <xs:element minOccurs="0" ref="RelatedArticleNum"/>
            <xs:element minOccurs="0" maxOccurs="unbounded" ref="TableStruct"/>
        </xs:sequence>
        <xs:attribute name="Num" type="xs:positiveInteger"/>
    </xs:complexType>
</xs:element>
<xs:element name="SupplProvisionAppdxTableTitle">
    <xs:complexType mixed="true">
        <xs:choice minOccurs="0" maxOccurs="unbounded">
            <xs:element ref="Line"/>
            <xs:element ref="Ruby"/>
            <xs:element ref="Sup"/>
            <xs:element ref="Sub"/>
        </xs:choice>
        <xs:attribute name="WritingMode" default="vertical">
            <xs:simpleType>
                <xs:restriction base="xs:token">
                    <xs:enumeration value="vertical"/>
                    <xs:enumeration value="horizontal"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
</xs:element>
<xs:element name="SupplProvisionAppdxStyle">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="SupplProvisionAppdxStyleTitle"/>
            <xs:element minOccurs="0" ref="RelatedArticleNum"/>
            <xs:element minOccurs="0" maxOccurs="unbounded" ref="StyleStruct"/>
        </xs:sequence>
        <xs:attribute name="Num" type="xs:positiveInteger"/>
    </xs:complexType>
</xs:element>

```

```

<xs:element name="SupplProvisionAppdxStyleTitle">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
    <xs:attribute name="WritingMode" default="vertical">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="vertical"/>
          <xs:enumeration value="horizontal"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
  </xs:complexType>
</xs:element>
<xs:element name="SupplProvisionAppdx">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" ref="ArithFormulaNum"/>
      <xs:element minOccurs="0" ref="RelatedArticleNum"/>
      <xs:element maxOccurs="unbounded" ref="ArithFormula"/>
    </xs:sequence>
    <xs:attribute name="Num" type="xs:positiveInteger"/>
  </xs:complexType>
</xs:element>
<!-- AppdxTable ===== -->
<xs:element name="AppdxTable">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" ref="AppdxTableTitle"/>
      <xs:element minOccurs="0" ref="RelatedArticleNum"/>
      <xs:choice minOccurs="0" maxOccurs="unbounded">
        <xs:element maxOccurs="unbounded" ref="TableStruct"/>
        <xs:element maxOccurs="unbounded" ref="Item"/>
      </xs:choice>
      <xs:element minOccurs="0" ref="Remarks"/>
    </xs:sequence>
    <xs:attribute name="Num" type="xs:positiveInteger"/>
  </xs:complexType>
</xs:element>
<xs:element name="AppdxTableTitle">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
    <xs:attribute name="WritingMode" default="vertical">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="vertical"/>
          <xs:enumeration value="horizontal"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
  </xs:complexType>
</xs:element>

```

```

    </xs:attribute>
  </xs:complexType>
</xs:element>
<!-- AppdxNote ===== -->
<xs:element name="AppdxNote">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" ref="AppdxNoteTitle"/>
      <xs:element minOccurs="0" ref="RelatedArticleNum"/>
      <xs:choice minOccurs="0" maxOccurs="unbounded">
        <xs:element ref="NoteStruct"/>
        <xs:element ref="FigStruct"/>
        <xs:element ref="TableStruct"/>
      </xs:choice>
      <xs:element minOccurs="0" ref="Remarks"/>
    </xs:sequence>
    <xs:attribute name="Num" type="xs:positiveInteger"/>
  </xs:complexType>
</xs:element>
<xs:element name="AppdxNoteTitle">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
    <xs:attribute name="WritingMode" default="vertical">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="vertical"/>
          <xs:enumeration value="horizontal"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
  </xs:complexType>
</xs:element>
<!-- AppdxStyle ===== -->
<xs:element name="AppdxStyle">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" ref="AppdxStyleTitle"/>
      <xs:element minOccurs="0" ref="RelatedArticleNum"/>
      <xs:element minOccurs="0" maxOccurs="unbounded" ref="StyleStruct"/>
      <xs:element minOccurs="0" ref="Remarks"/>
    </xs:sequence>
    <xs:attribute name="Num" type="xs:positiveInteger"/>
  </xs:complexType>
</xs:element>
<xs:element name="AppdxStyleTitle">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
    <xs:attribute name="WritingMode" default="vertical">

```

```

    <xs:simpleType>
      <xs:restriction base="xs:token">
        <xs:enumeration value="vertical"/>
        <xs:enumeration value="horizontal"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:attribute>
</xs:complexType>
</xs:element>
<!-- AppdxFormat ===== -->
<xs:element name="AppdxFormat">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" ref="AppdxFormatTitle"/>
      <xs:element minOccurs="0" ref="RelatedArticleNum"/>
      <xs:element minOccurs="0" maxOccurs="unbounded" ref="FormatStruct"/>
      <xs:element minOccurs="0" ref="Remarks"/>
    </xs:sequence>
    <xs:attribute name="Num" type="xs:positiveInteger"/>
  </xs:complexType>
</xs:element>
<xs:element name="AppdxFormatTitle">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
    <xs:attribute name="WritingMode" default="vertical">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="vertical"/>
          <xs:enumeration value="horizontal"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
  </xs:complexType>
</xs:element>
<!-- Appdx ===== -->
<xs:element name="Appdx">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" ref="ArithFormulaNum"/>
      <xs:element minOccurs="0" ref="RelatedArticleNum"/>
      <xs:element maxOccurs="unbounded" ref="ArithFormula"/>
      <xs:element minOccurs="0" ref="Remarks"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ArithFormulaNum">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
  </xs:complexType>

```



```

</xs:complexType>
</xs:element>
<xs:element name="ArithFormula">
  <xs:complexType>
    <xs:complexContent>
      <xs:extension base="any">
        <xs:attribute name="Num" type="xs:positiveInteger"/>
      </xs:extension>
    </xs:complexContent>
  </xs:complexType>
</xs:element>
<!-- AppdxFig ===== -->
<xs:element name="AppdxFig">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" ref="AppdxFigTitle"/>
      <xs:element minOccurs="0" ref="RelatedArticleNum"/>
      <xs:choice maxOccurs="unbounded">
        <xs:element ref="FigStruct"/>
        <xs:element ref="TableStruct"/>
      </xs:choice>
    </xs:sequence>
    <xs:attribute name="Num" type="xs:positiveInteger"/>
  </xs:complexType>
</xs:element>
<xs:element name="AppdxFigTitle">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
    <xs:attribute name="WritingMode" default="vertical">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="vertical"/>
          <xs:enumeration value="horizontal"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
  </xs:complexType>
</xs:element>
<!-- Table ===== -->
<xs:element name="TableStruct">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" ref="TableStructTitle"/>
      <xs:element minOccurs="0" maxOccurs="unbounded" ref="Remarks"/>
      <xs:element ref="Table"/>
      <xs:element minOccurs="0" maxOccurs="unbounded" ref="Remarks"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="TableStructTitle">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
    </xs:choice>
  </xs:complexType>

```

```

    <xs:element ref="Ruby"/>
    <xs:element ref="Sup"/>
    <xs:element ref="Sub"/>
  </xs:choice>
  <xs:attribute name="WritingMode" default="vertical">
    <xs:simpleType>
      <xs:restriction base="xs:token">
        <xs:enumeration value="vertical"/>
        <xs:enumeration value="horizontal"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:attribute>
</xs:complexType>
</xs:element>
<xs:element name="Table">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="unbounded" ref="TableHeaderRow"/>
      <xs:element maxOccurs="unbounded" ref="TableRow"/>
    </xs:sequence>
    <xs:attribute name="WritingMode" default="vertical">
      <xs:simpleType>
        <xs:restriction base="xs:token">
          <xs:enumeration value="vertical"/>
          <xs:enumeration value="horizontal"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
  </xs:complexType>
</xs:element>
<xs:element name="TableRow">
  <xs:complexType>
    <xs:sequence>
      <xs:element maxOccurs="unbounded" ref="TableColumn"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="TableHeaderRow">
  <xs:complexType>
    <xs:sequence>
      <xs:element maxOccurs="unbounded" ref="TableHeaderColumn"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="TableHeaderColumn">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<xs:element name="TableColumn">
  <xs:complexType>
    <xs:choice>
      <xs:element maxOccurs="unbounded" ref="Part"/>

```

```

<xs:element maxOccurs="unbounded" ref="Chapter"/>
<xs:element maxOccurs="unbounded" ref="Section"/>
<xs:element maxOccurs="unbounded" ref="Subsection"/>
<xs:element maxOccurs="unbounded" ref="Division"/>
<xs:element maxOccurs="unbounded" ref="Article"/>
<xs:element maxOccurs="unbounded" ref="Paragraph"/>
<xs:element maxOccurs="unbounded" ref="Item"/>
<xs:element maxOccurs="unbounded" ref="Subitem1"/>
<xs:element maxOccurs="unbounded" ref="Subitem2"/>
<xs:element maxOccurs="unbounded" ref="Subitem3"/>
<xs:element maxOccurs="unbounded" ref="Subitem4"/>
<xs:element maxOccurs="unbounded" ref="Subitem5"/>
<xs:element maxOccurs="unbounded" ref="Subitem6"/>
<xs:element maxOccurs="unbounded" ref="Subitem7"/>
<xs:element maxOccurs="unbounded" ref="Subitem8"/>
<xs:element maxOccurs="unbounded" ref="Subitem9"/>
<xs:element maxOccurs="unbounded" ref="Subitem10"/>
<xs:element maxOccurs="unbounded" ref="FigStruct"/>
<xs:element ref="Remarks"/>
<xs:element maxOccurs="unbounded" ref="Sentence"/>
<xs:element maxOccurs="unbounded" ref="Column"/>
</xs:choice>
<xs:attribute name="BorderTop" default="solid">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="solid"/>
      <xs:enumeration value="none"/>
      <xs:enumeration value="dotted"/>
      <xs:enumeration value="double"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
<xs:attribute name="BorderBottom" default="solid">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="solid"/>
      <xs:enumeration value="none"/>
      <xs:enumeration value="dotted"/>
      <xs:enumeration value="double"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
<xs:attribute name="BorderLeft" default="solid">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="solid"/>
      <xs:enumeration value="none"/>
      <xs:enumeration value="dotted"/>
      <xs:enumeration value="double"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>
<xs:attribute name="BorderRight" default="solid">
  <xs:simpleType>
    <xs:restriction base="xs:token">
      <xs:enumeration value="solid"/>
      <xs:enumeration value="none"/>
      <xs:enumeration value="dotted"/>
    </xs:restriction>
  </xs:simpleType>
</xs:attribute>

```

```

        <xs:enumeration value="double"/>
    </xs:restriction>
</xs:simpleType>
</xs:attribute>
<xs:attribute name="rowspan"/>
<xs:attribute name="colspan"/>
<xs:attribute name="Align">
    <xs:simpleType>
        <xs:restriction base="xs:token">
            <xs:enumeration value="left"/>
            <xs:enumeration value="center"/>
            <xs:enumeration value="right"/>
            <xs:enumeration value="justify"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
<xs:attribute name="Valign">
    <xs:simpleType>
        <xs:restriction base="xs:token">
            <xs:enumeration value="top"/>
            <xs:enumeration value="middle"/>
            <xs:enumeration value="bottom"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
<!-- Fig =====>
<xs:element name="FigStruct">
    <xs:complexType>
        <xs:sequence>
            <xs:element minOccurs="0" ref="FigStructTitle"/>
            <xs:element minOccurs="0" maxOccurs="unbounded" ref="Remarks"/>
            <xs:element ref="Fig"/>
            <xs:element minOccurs="0" maxOccurs="unbounded" ref="Remarks"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="FigStructTitle">
    <xs:complexType mixed="true">
        <xs:choice minOccurs="0" maxOccurs="unbounded">
            <xs:element ref="Line"/>
            <xs:element ref="Ruby"/>
            <xs:element ref="Sup"/>
            <xs:element ref="Sub"/>
        </xs:choice>
    </xs:complexType>
</xs:element>
<xs:element name="Fig">
    <xs:complexType>
        <xs:attribute name="src" use="required"/>
    </xs:complexType>
</xs:element>
<!-- Note =====>
<xs:element name="NoteStruct">
    <xs:complexType>
        <xs:sequence>
            <xs:element minOccurs="0" ref="NoteStructTitle"/>

```

```

        <xs:element minOccurs="0" maxOccurs="unbounded" ref="Remarks"/>
        <xs:element ref="Note"/>
        <xs:element minOccurs="0" maxOccurs="unbounded" ref="Remarks"/>
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="NoteStructTitle">
    <xs:complexType mixed="true">
        <xs:choice minOccurs="0" maxOccurs="unbounded">
            <xs:element ref="Line"/>
            <xs:element ref="Ruby"/>
            <xs:element ref="Sup"/>
            <xs:element ref="Sub"/>
        </xs:choice>
    </xs:complexType>
</xs:element>
<xs:element name="Note" type="any"/>
<!-- Style ===== -->
<xs:element name="StyleStruct">
    <xs:complexType>
        <xs:sequence>
            <xs:element minOccurs="0" ref="StyleStructTitle"/>
            <xs:element minOccurs="0" maxOccurs="unbounded" ref="Remarks"/>
            <xs:element ref="Style"/>
            <xs:element minOccurs="0" maxOccurs="unbounded" ref="Remarks"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="StyleStructTitle">
    <xs:complexType mixed="true">
        <xs:choice minOccurs="0" maxOccurs="unbounded">
            <xs:element ref="Line"/>
            <xs:element ref="Ruby"/>
            <xs:element ref="Sup"/>
            <xs:element ref="Sub"/>
        </xs:choice>
    </xs:complexType>
</xs:element>
<xs:element name="Style" type="any"/>
<!-- Format ===== -->
<xs:element name="FormatStruct">
    <xs:complexType>
        <xs:sequence>
            <xs:element minOccurs="0" ref="FormatStructTitle"/>
            <xs:element minOccurs="0" maxOccurs="unbounded" ref="Remarks"/>
            <xs:element ref="Format"/>
            <xs:element minOccurs="0" maxOccurs="unbounded" ref="Remarks"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="FormatStructTitle">
    <xs:complexType mixed="true">
        <xs:choice minOccurs="0" maxOccurs="unbounded">
            <xs:element ref="Line"/>
            <xs:element ref="Ruby"/>
            <xs:element ref="Sup"/>
            <xs:element ref="Sub"/>
        </xs:choice>
    </xs:complexType>
</xs:element>

```

```

    </xs:complexType>
</xs:element>
<xs:element name="Format" type="any"/>
<!-- Common ===== -->
<xs:element name="RelatedArticleNum">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<!-- Remarks ===== -->
<xs:element name="Remarks">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="RemarksLabel"/>
      <xs:choice>
        <xs:element maxOccurs="unbounded" ref="Item"/>
        <xs:element maxOccurs="unbounded" ref="Sentence"/>
      </xs:choice>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="RemarksLabel">
  <xs:complexType mixed="true">
    <xs:choice minOccurs="0" maxOccurs="unbounded">
      <xs:element ref="Line"/>
      <xs:element ref="Ruby"/>
      <xs:element ref="Sup"/>
      <xs:element ref="Sub"/>
    </xs:choice>
    <xs:attribute name="LineBreak" type="xs:boolean" default="false"/>
  </xs:complexType>
</xs:element>
<!-- List ===== -->
<xs:element name="List">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="ListSentence"/>
      <xs:element minOccurs="0" maxOccurs="unbounded" ref="Sublist1"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="ListSentence">
  <xs:complexType>
    <xs:choice>
      <xs:element maxOccurs="unbounded" ref="Sentence"/>
      <xs:element maxOccurs="unbounded" ref="Column"/>
    </xs:choice>
  </xs:complexType>
</xs:element>
<!-- Sublist level1 ===== -->
<xs:element name="Sublist1">
  <xs:complexType>
    <xs:sequence>

```

```

        <xs:element ref="Sublist1Sentence"/>
        <xs:element minOccurs="0" maxOccurs="unbounded" ref="Sublist2"/>
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Sublist1Sentence">
    <xs:complexType>
        <xs:choice>
            <xs:element maxOccurs="unbounded" ref="Sentence"/>
            <xs:element maxOccurs="unbounded" ref="Column"/>
        </xs:choice>
    </xs:complexType>
</xs:element>
<!-- Sublist level2===== -->
<xs:element name="Sublist2">
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="Sublist2Sentence"/>
            <xs:element minOccurs="0" maxOccurs="unbounded" ref="Sublist3"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="Sublist2Sentence">
    <xs:complexType>
        <xs:choice>
            <xs:element maxOccurs="unbounded" ref="Sentence"/>
            <xs:element maxOccurs="unbounded" ref="Column"/>
        </xs:choice>
    </xs:complexType>
</xs:element>
<!-- Sublist level3===== -->
<xs:element name="Sublist3" type="Sublist3Sentence"/>
<xs:complexType name="Sublist3Sentence">
    <xs:sequence>
        <xs:element ref="Sublist3Sentence"/>
    </xs:sequence>
</xs:complexType>
<xs:element name="Sublist3Sentence">
    <xs:complexType>
        <xs:choice>
            <xs:element maxOccurs="unbounded" ref="Sentence"/>
            <xs:element maxOccurs="unbounded" ref="Column"/>
        </xs:choice>
    </xs:complexType>
</xs:element>
<!-- QuoteStruct ===== -->
<xs:element name="QuoteStruct" type="any"/>
<!-- Ruby ===== -->
<xs:element name="Ruby">
    <xs:complexType mixed="true">
        <xs:sequence>
            <xs:element minOccurs="0" maxOccurs="unbounded" ref="Rt"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="Rt" type="xs:string"/>
<!-- Line ===== -->
<xs:element name="Line">

```

```

<xs:complexType mixed="true">
  <xs:choice minOccurs="0" maxOccurs="unbounded">
    <xs:element ref="QuoteStruct"/>
    <xs:element ref="ArithFormula"/>
    <xs:element ref="Ruby"/>
    <xs:element ref="Sup"/>
    <xs:element ref="Sub"/>
  </xs:choice>
  <xs:attribute name="Style" default="solid">
    <xs:simpleType>
      <xs:restriction base="xs:token">
        <xs:enumeration value="dotted"/>
        <xs:enumeration value="double"/>
        <xs:enumeration value="none"/>
        <xs:enumeration value="solid"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:attribute>
</xs:complexType>
</xs:element>
<!-- Sup =====>
<xs:element name="Sup" type="xs:string"/>
<!-- Sub =====>
<xs:element name="Sub" type="xs:string"/>
<xs:complexType name="any" mixed="true">
  <xs:sequence>
    <xs:any minOccurs="0" maxOccurs="unbounded" processContents="strict"/>
  </xs:sequence>
</xs:complexType>
</xs:schema>

```