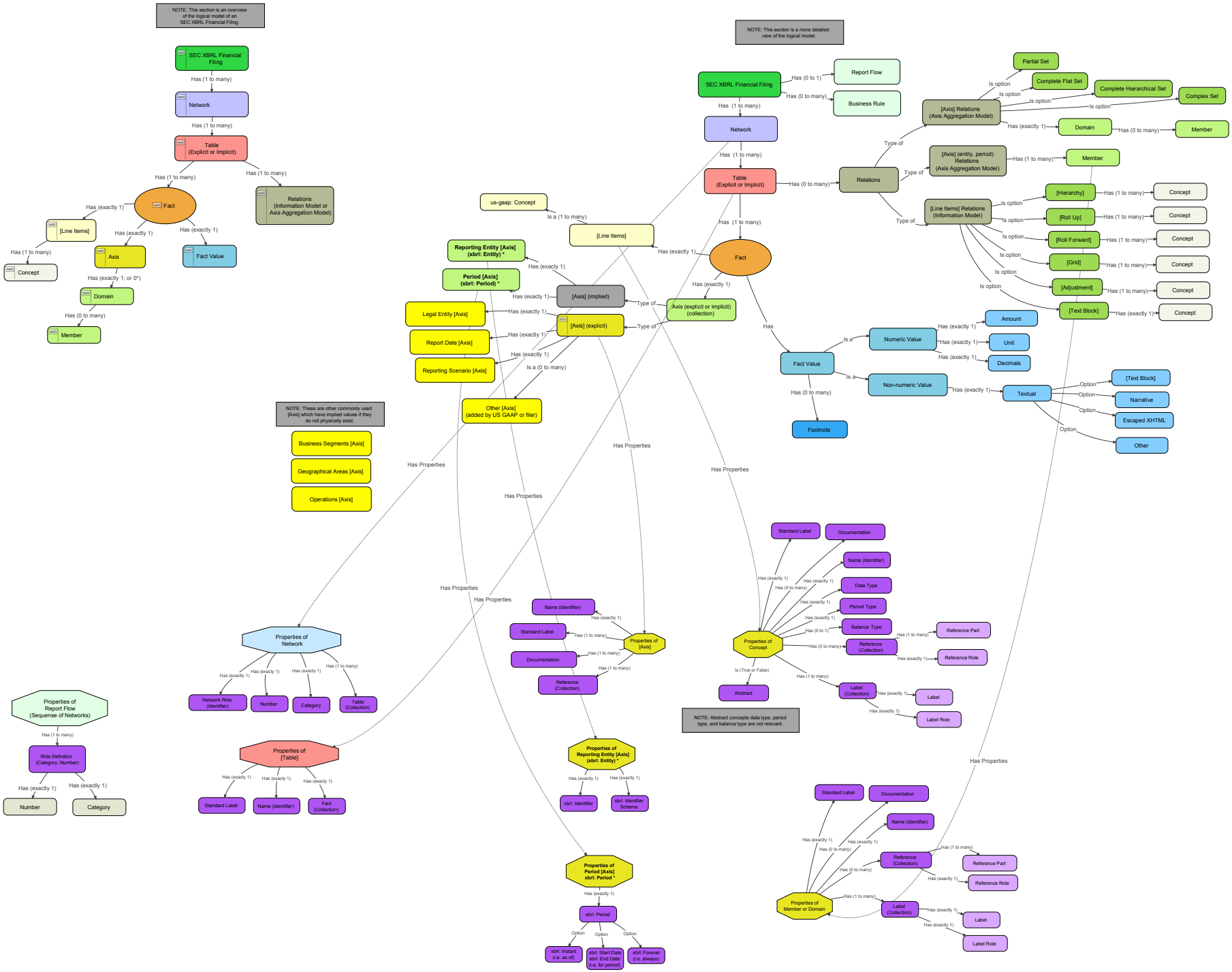
NOTE: This section is an overview of the logical model of an SEC XBRL Financial Filing.
SEC XBRL Financial Filing
Has (1 to many)
Network
Has (1 to many)
Table (Explicit or Implicit)
Has (1 to many)
Has (1 to many)
Relations (Information Model or Axis Aggregation Model)
Fact
Has (exactly 1)
Has (exactly 1)
Has (exactly 1)
[Line Items]
Axis
Fact Value
Has (1 to many)
Has (exactly 1; or 0*)
Concept
Domain
Has (0 to many)
Member
NOTE: This section is a more detailed view of the logical model.
SEC XBRL Financial Filing
Has (0 to 1)
Has (0 to many)
Report Flow
Business Rule
Has (1 to many)
Network
Has (1 to many)
Table (Explicit or Implicit)
Has (0 to many)
Relations
Type of
Type of
[Axis] Relations (Axis Aggregation Model)
Is option
Is option
Is option
Is option
Partial Set
Complete Flat Set
Complete Hierarchical Set
Complex Set
Has (exactly 1)
Domain
Has (0 to many)
Member
[Axis] (entity, period) Relations (Axis Aggregation Model)
Has (1 to many)
Member
Type of
[Line Items] Relations (Information Model)
Is option
Is option
Is option
Is option
Is option
Is option
[Hierarchy]
[Roll Up]
[Roll Forward]
[Grid]
[Adjustment]
[Text Block]
Has (1 to many)
Has (1 to many)
Has (1 to many)
Has (1 to many)
Has (1 to many)
Has (exactly 1)
Concept
Concept
Concept
Concept
Concept
Concept
us-gaap: Concept
Is a (1 to many)
[Line Items]
Has (exactly 1)
Fact
Has (1 to many)
Has (exactly 1)
Reporting Entity [Axis] (xbrl: Entity) *
Period [Axis] (xbrl: Period) *
Has (exactly 1)
Has (exactly 1)
[Axis] (implied)
Type of
Axis (explicit or implicit) (collection)
Legal Entity [Axis]
Report Date [Axis]
Reporting Scenario [Axis]
Has (exactly 1)
Has (exactly 1)
Has (exactly 1)
[Axis] (explicit)
Type of
Is a (0 to many)
Other [Axis] (added by US GAAP or filer)
Has
Fact Value
Is a
Numeric Value
Has (exactly 1)
Has (exactly 1)
Has (exactly 1)
Amount
Unit
Decimals
Is a
Non-numeric Value
Has (exactly 1)
Textual
Option
Option
Option
Option
[Text Block]
Narrative
Escaped XHTML
Other
Has (0 to many)
Footnote
NOTE: These are other commonly used [Axis] which have implied values if they do not physically exist.
Business Segments [Axis]
Geographical Areas [Axis]
Operations [Axis]
Has Properties
Has Properties
Has Properties
Has Properties
Has Properties
Has Properties
Has Properties
Properties of Network
Has (exactly 1)
Has (exactly 1)
Has (exactly 1)
Has (1 to many)
Network Role (Identifier)
Number
Category
Table (Collection)
Properties of Report Flow (Sequense of Networks)
Has (1 to many)
Role Definition (Category, Number)
Has (exactly 1)
Has (exactly 1)
Number
Category
Properties of [Table]
Has (exactly 1)
Has (exactly 1)
Has (exactly 1)
Standard Label
Name (Identifier)
Fact (Collection)
Name (Identifier)
Standard Label
Documentation
Has (exactly 1)
Has (1 to many)
Has (1 to many)
Has (exactly 1)
Properties of [Axis]
Reference (Collection)
Properties of Reporting Entity [Axis] (xbrl: Entity) *
Has (exactly 1)
Has (exactly 1)
xbrl: Identifier
xbrl: Identifier Scheme
Properties of Period [Axis] xbrl: Period *
Has (exactly 1)
xbrl: Period
Option
Option
Option
xbrl: Instant (i.e. as of)
xbrl: Start Date xbrl: End Date (i.e. for period)
xbrl: Forever (i.e. always)
Standard Label
Documentation
Name (Identifier)
Data Type
Period Type
Balance Type
Reference (Collection)
Has (exactly 1)
Has (0 to many)
Has (exactly 1)
Has (exactly 1)
Has (exactly 1)
Has (0 to 1)
Has (1 to many)
Has (exactly 1)
Reference Part
Reference Role
Properties of Concept
Is (True or False)
Abstract
Label (Collection)
Has (1 to many)
Has (exactly 1)
Has (exactly 1)
Label
Label Role
NOTE: Abstract concepts data type, period type, and balance type are not relevant.
Standard Label
Documentation
Name (Identifier)
Reference (Collection)
Has (exactly 1)
Has (0 to many)
Has (exactly 1)
Has (0 to many)
Has (1 to many)
Has (exactly 1)
Reference Part
Reference Role
Properties of Member or Domain
Has (1 to many)
Label (Collection)
Has (exactly 1)
Has (exactly 1)
Label
Label Role