

**Technical
Specification**

**GPNA XML Submission
Technical Specification
Version 1.0**

PNA Implementation

Submitted To:
**U.S. Department of Housing and Urban
Development**

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1. Introduction

1.1. Background

As part of the Public Housing Authority (PHA) process, the Department of Housing and Urban Development (HUD) has made available a Green Physical Needs Assessment (PNA) tool. The PNA tool is a standalone Windows-based Microsoft Access® application, compatible with desktop PCs, notebook PCs, and/or network computers. The tool can also be installed and used on compatible handheld devices. The PNA tool includes a comprehensive list of building/site building systems and components, with measurable line items, that make up a complete PNA. The Reports Menu allows users to open, print, and export all reports to PDF and XML. More information about the tool and the download can be found on [GPNA Tool](#).

The Export XML button within the report menu of the PNA tool produces an XML file to be emailed to the specified HUD email address as an attachment. This is the PHA's GPNA data submission. PHAs must export and email the XML file for every Development/Asset Management Project (AMP) in their portfolio.

1.2. Purpose

Some third-party vendors and PHAs (collectively referred to as users) may wish to use proprietary software, in lieu of the HUD-developed PNA tool, in order to perform and document their complete PNA. In these cases, the users can reference this XML data specification so that they may produce and successfully submit XML files that conform to the requirements determined by HUD and used by its proprietary data collection tool, known as the PNA Aggregator.

This specification includes the rules to create and submit a valid XML file to HUD. These rules are based on the generated XML file from the GPNA Access tool and are validated by a separate Access tool by HUD. The XML files must follow the provided XML Schema or they will not pass validation and will need to be resubmitted. These specific rules and the provided schema and example should allow a third-party vendor to properly create its own process for creation of the generated XML Files for submission.

1.3. Summary of Changes

This is the original (first) version of this document.

2. File Format

2.1. Naming

The XML document must follow a strict naming convention as outlined below.



Section	Rule	Example
Type	1A for initial submission aggregates; 1B for year 2 update; 1C for year 3 update; 1D for year 4 update; and 1E for year 5 update	1A_
IMS PIC Development/AMP Number	IMS PIC Development/AMP Number + projectID with capital letters	_TN082000001
HA Code	Capital Letters	_TN082
Date	Format mmddyyyy of date XML is created	11102014
Entire name	Entire xml filename	1A_TN082000001_TN082_11102014.xml

2.2. Header

All XML files must begin with the following header:

```
<?xml version="1.0" encoding="UTF-8"?>
```

2.3. File Construction

Every file needs to have the schema included before the actual XML content. All elements other than the header must be within the root element. The dataroot defines the sequence and is the first section of the schema. The XML data also needs to be wrapped in a dataroot element. Detailed file construction rules are below.

- Root element with XSD schema and the Microsoft Access schema (xmlns: od) are required. The root element must wrap the entire file. The format is below:

```
<root xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:od="urn:schemas-microsoft-com:officedata">
  --Entire content of file here--
</root>
```

- The XSD schema definition must be present before the actual XML content. In the schema the first element must be the dataroot that defines the sequence of the schema elements as shown below:

```
<xsd:element name="dataroot">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element ref="qryExportVersion" minOccurs="0" maxOccurs="unbounded"/>
      <xsd:element ref="qryExportSustainabilityNeed" minOccurs="0" maxOccurs="unbounded"/>
      <xsd:element ref="qryExportBuildingIndividualDataOutput" minOccurs="0"
        maxOccurs="unbounded"/>
      <xsd:element ref="qryExportBuildingSetDataOutput" minOccurs="0" maxOccurs="unbounded"/>
      <xsd:element ref="qryExportCommonAreaDataOutput" minOccurs="0"
        maxOccurs="unbounded"/>
      <xsd:element ref="qryExportPotentialECMIInformation" minOccurs="0"
        maxOccurs="unbounded"/>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```



```

<xsd:element ref="qryExportProjectAggregatesSustainabilityCat" minOccurs="0"
maxOccurs="unbounded"/>
<xsd:element ref="qryExportProjectDataOutput" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element ref="qryExportProjectInformation" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element ref="qryExportProjectProjectionSourceOutput" minOccurs="0"
maxOccurs="unbounded"/>
<xsd:element ref="qryExportSiteDataOutput" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element ref="qryExportUnitIndividualDataOutput" minOccurs="0"
maxOccurs="unbounded"/>
<xsd:element ref="qryExportUnitSetDataOutput" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element ref="qryExportHAIInformation" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element ref="qryExportPNAInformation" minOccurs="0" maxOccurs="unbounded"/>
<xsd:element ref="qryProjectAggregatesExport3" minOccurs="0" maxOccurs="unbounded"/>
</xsd:sequence>
<xsd:attribute name="generated" type="xsd:dateTime"/>
</xsd:complexType>
</xsd:element>

```

- Following the Schema Element the XML data must be included within the dataroot element. It must contain the schema definition and a generated tag with a date and time as shown below.

```

<dataroot xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" generated="2014-11-
10T12:46:35">
--XML content based on schema--
</dataroot>

```

2.3.1. Example of XML conforming to Schema

Element Query List: *qryExportSustainabilityNeed*

XSDSchema

```

<xsd:element name="qryExportSustainabilityNeed">
<xsd:complexType>
<xsd:sequence>
<xsd:element name="SustainabilityNeedID" minOccurs="1" od:jetType="autonumber" od:sqlSType="int"
od:autoUnique="yes" od:nullable="yes" type="xsd:int"/>
<xsd:element name="SustainabilityCategoryID" minOccurs="0" od:jetType="longinteger"
od:sqlSType="int" type="xsd:int"/>
<xsd:element name="LineItemID" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="UpgradedLineItemID" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="IncrementalCost" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
<xsd:element name="AnnualSavings" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
<xsd:element name="ConsumptionSavings" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="Payback" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="ConsumptionUnit" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
<xsd:simpleType>
<xsd:restriction base="xsd:string">

```



```

<xsd:maxLength value="255"/>
</xsd:restriction>
</xsd:simpleType>
</xsd:element>
<xsd:element name="UsagePerYear" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="TradCost" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
<xsd:element name="GreenCost" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
<xsd:element name="TradUsage" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="GreenUsage" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="Rate" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
<xsd:element name="TradEUL" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="GreenEUL" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="TotalPayback" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="ECMCount" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="ProjectID" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
</xsd:sequence>
</xsd:complexType>
</xsd:element>

```

XML Content

```

<qryExportSustainabilityNeed>
<SustainabilityNeedID>1</SustainabilityNeedID>
<SustainabilityCategoryID>1</SustainabilityCategoryID>
<LineItemID>16262</LineItemID>
<UpgradedLineItemID>16227</UpgradedLineItemID>
<IncrementalCost>0</IncrementalCost>
<Payback>0</Payback>
<TradCost>345.21</TradCost>
<GreenCost>345.21</GreenCost>
<TradUsage>393598</TradUsage>
<GreenUsage>143944</GreenUsage>
<Rate>0.0089</Rate>
<TradEUL>20</TradEUL>
<GreenEUL>20</GreenEUL>
<TotalPayback>0</TotalPayback>
<ECMCount>0</ECMCount>
<ProjectID>1</ProjectID>
</qryExportSustainabilityNeed>

```



2.4. Other Rules

- The filename must end with an “.xml” extension.
- The file cannot be compressed or encoded in any fashion.
- We strongly recommend you format the submission file as shown in the provided sample files. The submission of ASCII XML files with no line breaks, while legal XML, is strongly discouraged.
- The `<?xml version=“1.0”?>` declaration line is required. Any text before this line, even white space, will cause an error. The version value must be “1.0.” Any other value for version will fail validation.
- The submission file must conform to the XML Schema file. Any violation of this Schema will result in validation failure.

2.5. Structure Outline

```
<header/>
<root>
    <schema>
        <dataroot>
            -List Sequence
        </dataroot>
        -Schema definitions
    </schema>
    <dataroot>
        -XML based on Schema
    </dataroot>
</root>
```



3. Schema

3.1. Purpose of Schema

An XML schema is the definition that constrains the structure and content of an XML document written in XML Schema language as defined by the World Wide Web Consortium (W3C). An XML schema defines:

- The elements and attributes that are expected.
- The allowable data types for each element.
- The hierarchy and order in which elements must appear.
- Which elements are optional and which are required.
- The maximum number of occurrences allowed for each element.

Like the architectural blueprint that describes the structural design of a house, an XML schema describes the structural design of an XML file. Files submitted to the GPNA are validated based on their conformity to the XML schema.

3.2. Schema File Key Indicators

We assume the user is familiar with the basics of the XML language, Namespaces, and the XML Schema Definition language. If not, you can find numerous references on the World Wide Web by searching for “schema definition language”.

The most heavily used schema language features are defined in the column definitions of the schema below.

3.3. Schema Table Column Definitions

These are the definitions for the column-mapping table section below. Not all are required for each field.

Column Name	Description
Level	Depth of element in the XML node hierarchy
Order	Order in which elements must appear
Element Name	Name of element
minOccurs	Minimum number of times that element MUST occur
jetType	Microsoft Access variable type
SQLType	SQL variable type
autoUnique	Unique value required; represents unique identifier in database
maxOccurs	Maximum number of times that element MUST occur
nonNullable	If tree, value cannot be null
XSD Type	XSD variable type



3.4. Data Type Constraints

There are three different variable type schema definitions that are included with most elements within a query list. The XSD, SQL, and Jet type definitions are required to properly process those data based on the differences between the technologies for the same types of data.

The XSD type is equivalent to the definitions in the XML/XSD, SQL type is for SQL Server, and Jet type is for Microsoft Access. All these are required and critical for validating the file. Constraints are defined below:

XSD Type	jettype	sqltype	Constraint
xsd:boolean	yesno	bit	Indicate a "true" value with either a "1" Indicate a "false" value with either a "0" A Boolean element may not have a null or blank value. This is a Schema violation and will cause an error.
xsd:int	Autonumber (identity) longinteger	int	Autonumber should be user with unique identifiers only. Meaning it is automatically incremented and will never be the same. Longinteger should be used as any whole number. Decimals are not allowed.
xsd:double	currency	money	Currency can be any decimal number. No dollar signs or special characters.
xsd:string	text	nvarchar	Text can be any characters. No quotations.
xsd:double	float	float	Can be any decimal number.
xsd:datetime	datetime	datetime	Must be of the format YYYY-MM-DDTHH:MM:SS. You may provide zeros for the time or leave them blank. A date element may not have a null or blank value. This is a Schema violation and will fail validation.



4. Element Details

4.1. Element Mapping

Lvl	Order	Element Name	MinOccurs	jetType	SQL Type	autoUnique	maxOccurs	nonNull	XSD Type
2	1	ID	1	autonumber	int	yes		yes	xsd:int
2	2	VersionNumber	9	text	nvarchar				xsd:string
1	2	<i>qryExportSustainabilityNeed</i>	0				unbound		
2	1	SustainabilityNeedID	1	autonumber	int	yes		yes	xsd:int
2	2	SustainabilityCategoryID	0	longinteger	int				xsd:int
2	3	LineItemID	0	longinteger	int				xsd:int
2	4	UpgradedLineItemID	0	longinteger	int				xsd:int
2	5	IncrementalCost	0	currency	money				xsd:double
2	6	AnnualSavings	0	currency	money				xsd:double
2	7	ConsumptionSavings	0	longinteger	int				xsd:int
2	8	Payback	0	longinteger	int				xsd:int
2	9	ConsumptionUnit	0	text	nvarchar				xsd:string
2	10	UsagePerYear	0	longinteger	int				xsd:int
2	11	TradCost	0	currency	money				xsd:double
2	12	GreenCost	0	currency	money				xsd:double
2	13	TradUsage	0	longinteger	int				xsd:int
2	14	GreenUsage	0	longinteger	int				xsd:int
2	15	Rate	0	currency	money				xsd:double
2	16	TradEUL	0	longinteger	int				xsd:int
2	17	GreenEUL	0	longinteger	int				xsd:int
2	18	TotalPayback	0	longinteger	int				xsd:int
2	19	ECMCount	0	longinteger	int				xsd:int
2	20	ProjectID	0	longinteger	int				xsd:int
1	3	<i>qryExportBuildingIndividualDataOutput</i>	0				unbound		
2	1	BuildingIndividualID	1	autonumber	int	yes		yes	xsd:int
2	2	ProjectID	0	longinteger	int				xsd:int
2	3	BuildingID	0	longinteger	int				xsd:int
2	4	NationalID	0	text	nvarchar				xsd:string
2	5	BuildingIndividualName	0	text	nvarchar				xsd:string
2	6	BuildingTypeID	0	longinteger	int				xsd:int
2	7	PNAID	0	longinteger	int				xsd:int
1	4	<i>qryExportBuildingSetDataOutput</i>	0				unbound		
2	1	BuildingID	1	autonumber	int	yes		yes	xsd:int
2	2	SiteID	0	longinteger	int				xsd:int
2	3	BuildingName	0	text	nvarchar				xsd:string
2	4	BuildingTypeID	0	longinteger	int				xsd:int
2	5	Occupied0Units	0	longinteger	int				xsd:int
2	6	Occupied1Units	0	longinteger	int				xsd:int
2	7	Occupied2Units	0	longinteger	int				xsd:int
2	8	Occupied3Units	0	longinteger	int				xsd:int
2	9	Occupied4Units	0	longinteger	int				xsd:int
2	10	Occupied5Units	0	longinteger	int				xsd:int



Lvl	Order	Element Name	MinOccurs	jetType	SQL Type	autoUnique	maxOccurs	nonNull	XSD Type
2	11	Vacant0Units	0	longinteger	int				xsd:int
2	12	Vacant1Units	0	longinteger	int				xsd:int
2	13	Vacant2Units	0	longinteger	int				xsd:int
2	14	Vacant3Units	0	longinteger	int				xsd:int
2	15	Vacant4Units	0	longinteger	int				xsd:int
2	16	Vacant5Units	0	longinteger	int				xsd:int
2	17	Footprint	0	longinteger	int				xsd:int
2	18	Area	0	longinteger	int				xsd:int
2	19	Perimeter	0	longinteger	int				xsd:int
2	20	AverageHeight	0	longinteger	int				xsd:int
2	21	Stories	0	longinteger	int				xsd:int
2	22	NumberInSet	0	longinteger	int				xsd:int
2	23	UseBaseline	0	yesno	bit				xsd:boolean
1	5	qryExportCommonAreaDataOutput	0				unbound		xsd:int
2	1	CommonAreaID	1	autonumber	int	yes		yes	xsd:int
2	2	BuildingID	0	text					xsd:string
2	3	CommonAreaName	0	longinteger	int				xsd:int
2	4	GrossInteriorPerimeterWallLength	0	longinteger	int				xsd:int
2	5	AverageCeilingHeight	0	longinteger	int				xsd:int
2	6	GrossFloorArea	0	longinteger	int				xsd:int
2	7	NumberInSet	0	longinteger	int				xsd:int
1	6	qryExportPotentialECMInformation	0				unbound		
2	1	ECMProjectionType	0	text	nvarchar				xsd:string
2	2	Year0	0	text	nvarchar				xsd:string
2	3	Year1	0	text	nvarchar				xsd:string
2	4	Year2	0	text	nvarchar				xsd:string
2	5	Year3	0	text	nvarchar				xsd:string
2	6	Year4	0	text	nvarchar				xsd:string
2	7	Year5	0	text	nvarchar				xsd:string
2	8	Year6	0	text	nvarchar				xsd:string
2	9	Year7	0	text	nvarchar				xsd:string
2	10	Year8	0	text	nvarchar				xsd:string
2	11	Year9	0	text	nvarchar				xsd:string
2	12	Year10	0	text	nvarchar				xsd:string
2	13	Year11	0	text	nvarchar				xsd:string
2	14	Year12	0	text	nvarchar				xsd:string
2	15	Year13	0						
2	16	Year14	0	text	nvarchar				xsd:string
2	17	Year15	0	text	nvarchar				xsd:string
2	18	Year16	0	text	nvarchar				xsd:string
2	19	Year17	0	text	nvarchar				xsd:string
2	20	Year18	0	text	nvarchar				xsd:string
2	21	Year19	0	text	nvarchar				xsd:string
2	22	Year20	0	text	nvarchar				xsd:string
1	7	qryExportProjectAggregatesSustainabilityCat	0				unbound		
2	1	SustainabilityCategoryID	1	autonumber	int	yes		yes	xsd:int
2	2	CategoryName	0	text	nvarchar				xsd:string
2	3	Year0	0	currency	money				xsd:double



Lvl	Order	Element Name	MinOccurs	jetType	SQL Type	autoUnique	maxOccurs	nonNull	XSD Type
2	4	Year0Quantity	0	double	float				xsd:double
2	5	Year1	0	currency	money				xsd:double
2	6	Year1Quantity	0	double	float				xsd:double
2	7	Year2	0	currency	money				xsd:double
2	8	Year2Quantity	0	double	float				xsd:double
2	9	Year3	0	currency	money				xsd:double
2	10	Year3Quantity	0	double	float				xsd:double
2	11	Year4	0	currency	money				xsd:double
2	12	Year4Quantity	0	double	float				xsd:double
2	13	Year5	0	currency	money				xsd:double
2	14	Year5Quantity	0	double	float				xsd:double
2	15	Year6	0	currency	money				xsd:double
2	16	Year6Quantity	0	double	float				xsd:double
2	17	Year7	0	currency	money				xsd:double
2	18	Year7Quantity	0	double	float				xsd:double
2	19	Year8	0	currency	money				xsd:double
2	20	Year8Quantity	0	double	float				xsd:double
2	21	Year9	0	currency	money				xsd:double
2	22	Year9Quantity	0	double	float				xsd:double
2	23	Year10	0	currency	money				xsd:double
2	24	Year10Quantity	0	double	float				xsd:double
2	25	Year11	0	currency	money				xsd:double
2	26	Year11Quantity	0	double	float				xsd:double
2	27	Year12	0	currency	money				xsd:double
2	28	Year12Quantity	0	double	float				xsd:double
2	29	Year13	0	currency	money				xsd:double
2	30	Year13Quantity	0	double	float				xsd:double
2	31	Year14	0	currency	money				xsd:double
2	32	Year14Quantity	0	double	float				xsd:double
2	33	Year15	0	currency	money				xsd:double
2	34	Year15Quantity	0	double	float				xsd:double
2	35	Year16	0	currency	money				xsd:double
2	36	Year16Quantity	0	double	float				xsd:double
2	37	Year17	0	currency	money				xsd:double
2	38	Year17Quantity	0	double	float				xsd:double
2	39	Year18	0	currency	money				xsd:double
2	40	Year18Quantity	0	double	float				xsd:double
2	41	Year19	0	currency	money				xsd:double
2	42	Year19Quantity	0	double	float				xsd:double
2	43	Year20	0	currency	money				xsd:double
2	44	Year20Quantity	0	double	float				xsd:double
2	45	SumOfIncrementalCost	0	currency	money				xsd:double
2	46	SumTraditionalCost	0	currency	money				xsd:double
2	47	SumOfGreenCost	0	currency	money				xsd:double
2	48	AvgOfTotalPayback	0	double	float				xsd:double
2	49	AvgIncrementalPayBack	0	double	float				xsd:double
1	8	qryExportProjectDataOutput	0			unbound			
2	1	ProjectID	1	autonumber	int	yes		yes	xsd:int



Lvl	Order	Element Name	MinOccurs	jetType	SQL Type	autoUnique	maxOccurs	nonNull	XSD Type
2	2	PNAID	0	longinteger	int				xsd:int
2	3	ProjectNumber	0	text	nvarchar				xsd:string
2	4	ProjectName	0	text	nvarchar				xsd:string
2	5	Address1	0	text	nvarchar				xsd:string
2	6	Address2	0	text	nvarchar				xsd:string
2	7	DOFA	0	datetime	datetime				xsd:"datetime"
2	8	MixedFinance	1	yesno	bit				xsd:boolean
2	9	MixedFinanceLRUnits	0	longinteger	int				xsd:int
2	10	MixedFinanceMarketUnits	0	longinteger	int				xsd:int
2	11	OccupancyTypeID	0	longinteger	int				xsd:int
2	12	DemoApproved	1	yesno	bit				xsd:boolean
2	13	DemoDate	0	datetime	datetime				xsd:datetime
2	14	DateOfEnergyAudit	0	datetime	datetime				xsd:datetime
2	15	EnergyAuditProvider	0	text	nvarchar				xsd:string
2	16	DemoFull	1	yesno	bit				xsd:boolean
2	17	DemoPartial	1	yesno	bit				xsd:boolean
1	9	<i>qryExportProjectInformation</i>	0				unbound		
2	1	ProjectionType	0	text	nvarchar				xsd:string
2	2	Year0	0	currency	money				xsd:double
2	3	Year1	0	currency	money				xsd:double
2	4	Year2	0	currency	money				xsd:double
2	5	Year3	0	currency	money				xsd:double
2	6	Year4	0	currency	money				xsd:double
2	7	Year5	0	currency	money				xsd:double
2	8	Year6	0	currency	money				xsd:double
2	9	Year7	0	currency	money				xsd:double
2	10	Year8	0	currency	money				xsd:double
2	11	Year9	0	currency	money				xsd:double
2	12	Year10	0	currency	money				xsd:double
2	13	Year11	0	currency	money				xsd:double
2	14	Year12	0	currency	money				xsd:double
2	15	Year13	0	currency	money				xsd:double
2	16	Year14	0	currency	money				xsd:double
2	17	Year15	0	currency	money				xsd:double
2	18	Year16	0	currency	money				xsd:double
2	19	Year17	0	currency	money				xsd:double
2	20	Year18	0	currency	money				xsd:double
2	21	Year19	0	currency	money				xsd:double
2	22	Year20	0	currency	money				xsd:double
1	10	<i>qryExportProjectProjectionSourceOutput</i>	0				unbound		
2	1	LineItemReference							
2	2	ProjectionID	1	autonumber	int	yes		yes	xsd:int
2	3	LineItemID	0	text	nvarchar				xsd:string
2	4	NeedsTypeID	0	longinteger	int				xsd:int
2	5	ComponentCategoryID	0	longinteger	int				xsd:int
2	6	ProjectID	0	longinteger	int				xsd:int
2	7	Year0	0	currency	money				xsd:double
2	8	Year0Quantity	0	double	float				xsd:double



Lvl	Order	Element Name	MinOccurs	jetType	SQL Type	autoUnique	maxOccurs	nonNull	XSD Type
2	9	Year1	0	currency	money				xsd:double
2	10	Year1Quantity	0	double	float				xsd:double
2	11	Year2	0	currency	money				xsd:double
2	12	Year2Quantity	0	double	float				xsd:double
2	13	Year3	0	currency	money				xsd:double
2	14	Year3Quantity	0	double	float				xsd:double
2	15	Year4	0	currency	money				xsd:double
2	16	Year4Quantity	0	double	float				xsd:double
2	17	Year5	0	currency	money				xsd:double
2	18	Year5Quantity	0	double	float				xsd:double
2	19	Year6	0	currency	money				xsd:double
2	20	Year6Quantity	0	double	float				xsd:double
2	21	Year7	0	currency	money				xsd:double
2	22	Year7Quantity	0	double	float				xsd:double
2	23	Year8	0	currency	money				xsd:double
2	24	Year8Quantity	0	double	float				xsd:double
2	25	Year9	0	currency	money				xsd:double
2	26	Year9Quantity	0	double	float				xsd:double
2	27	Year10	0	currency	money				xsd:double
2	28	Year10Quantity	0	double	float				xsd:double
2	29	Year11	0	currency	money				xsd:double
2	30	Year11Quantity	0	double	float				xsd:double
2	31	Year12	0	currency	money				xsd:double
2	32	Year12Quantity	0	double	float				xsd:double
2	33	Year13	0	currency	money				xsd:double
2	34	Year13Quantity	0	double	float				xsd:double
2	35	Year14	0	currency	money				xsd:double
2	36	Year14Quantity	0	double	float				xsd:double
2	37	Year15	0	currency	money				xsd:double
2	38	Year15Quantity	0	double	float				xsd:double
2	39	Year16	0	currency	money				xsd:double
2	40	Year16Quantity	0	double	float				xsd:double
2	41	Year17	0	currency	money				xsd:double
2	42	Year17Quantity	0	double	float				xsd:double
2	43	Year18	0	currency	money				xsd:double
2	44	Year18Quantity	0	double	float				xsd:double
2	45	Year19	0	currency	money				xsd:double
2	46	Year19Quantity	0	double	float				xsd:double
2	47	Year20	0	currency	money				xsd:double
2	48	Year20Quantity	0	double	float				xsd:double
2	49	ComponentName	0	text	nvarchar				xsd:string
2	50	ComponentCategoryName	0	text	nvarchar				xsd:string
2	51	LineItemName	0	text	nvarchar				xsd:string
2	52	Critical	1	yesno	bit				xsd:boolean
2	53	Markup	0						
2	54	AllowReplace	1	yesno	bit				xsd:boolean
2	55	AllowRefurb	1	yesno	bit				xsd:boolean
2	56	EULIndexName	0	text	nvarchar				xsd:string



Lvl	Order	Element Name	MinOccurs	jetType	SQL Type	autoUnique	maxOccurs	nonNull	XSD Type
2	57	EULIndexTitle	0	text	nvarchar				xsd:string
2	58	EULIndexYear	0	text	nvarchar				xsd:string
2	59	EULIndexID	0	longinteger	int				xsd:int
2	60	ComponentID	0	longinteger	int				xsd:int
2	61	Description	0	text	nvarchar				xsd:string
2	62	ResultUnit	0	text	nvarchar				xsd:string
2	63	Replace	1	yesno	bit				xsd:boolean
2	64	ReplaceCost	0	currency	money				xsd:double
2	65	ReplaceEUL	0	currency	money				xsd:double
2	66	RefurbEUL	0	longinteger	int				xsd:int
2	67	RUL	0	longinteger	int				xsd:int
2	68	TotalTakeoff	0	longinteger	int				xsd:int
2	69	CostLocalMultiplier	0	single	real				xsd:float
1	11	<i>qryExportSiteDataOutput</i>	0				unbound		
2	1	SiteID	1	autonumber	int	yes		yes	xsd:int
2	2	ProjectID	0	longinteger	int				xsd:int
2	3	SiteName	0	text	nvarchar				xsd:string
2	4	Address1	0	text	nvarchar				xsd:string
2	5	Address2	0	text	nvarchar				xsd:string
2	6	City	0	text	nvarchar				xsd:string
2	7	State	0	text	nvarchar				xsd:string
2	8	Zip	0	text	nvarchar				xsd:string
2	9	GrossPropertyArea	0	longinteger	int				xsd:int
2	10	GrossParkingArea	0	longinteger	int				xsd:int
2	11	GrossPavedArea	0	longinteger	int				xsd:int
2	12	GrossPlaygroundArea	0	longinteger	int				xsd:int
2	13	TennisCourts	0	longinteger	int				xsd:int
2	14	BasketballCourts	0	longinteger	int				xsd:int
2	15	TennisArea	0	longinteger	int				xsd:int
2	16	BasketballArea	0	longinteger	int				xsd:int
2	17	InspectionDate	0	datetime	datetime				xsd:datetime
2	18	Inspector	0	text	nvarchar				xsd:string
2	19	InspectionDescription	0	text	nvarchar				xsd:string
2	20	InspectionName	0	text	nvarchar				xsd:string
1	12	<i>qryExportUnitIndividualDataOutput</i>	0				unbound		
2	1	UnitIndividualID	1	autonumber	int	yes		yes	xsd:int
2	2	BuildingIndividualID	0	longinteger	int				xsd:int
2	3	UnitID	0	longinteger	int				xsd:int
2	4	UnitIndividualName	0	text	nvarchar				xsd:string
2	5	Bedrooms	0	longinteger	int				xsd:int
2	6	Address	0	text	nvarchar				xsd:string
2	7	Status	0	text	nvarchar				xsd:string
2	8	ACC	1	yesno	bit				xsd:boolean
2	9	DemoDispo	1	yesno	bit				xsd:boolean
2	10	EntranceNumber	0	longinteger	int				xsd:int
1	13	<i>qryExportUnitSetDataOutput</i>	0				unbound		
2	1	UnitID	1	autonumber	int	yes		yes	xsd:int
2	2	BuildingID	0	longinteger	int				xsd:int



Lvl	Order	Element Name	MinOccurs	jetType	SQL Type	autoUnique	maxOccurs	nonNull	XSD Type
2	3	UnitName	0	text	nvarchar				xsd:string
2	4	Bedrooms	0	longinteger	int				xsd:int
2	5	FullBaths	0	longinteger	int				xsd:int
2	6	HalfBaths	0	longinteger	int				xsd:int
2	7	AverageCeilingHeight	0	longinteger	int				xsd:int
2	8	FloorArea	0	longinteger	int				xsd:int
2	9	NumberInSet	0	longinteger	int				xsd:int
2	10	UseBaseline	1	yesno	bit				xsd:boolean
1	14	qryExportHAIInformation	0				unbound		
2	1	HAID	1	autonumber	int	yes		yes	xsd:int
2	2	HAName	0	text	nvarchar				xsd:string
2	3	HACode	0	text	nvarchar				xsd:string
2	4	Address1	0	text	nvarchar				xsd:string
2	5	Address2	0	text	nvarchar				xsd:string
2	6	City	0	text	nvarchar				xsd:string
2	7	State	0	text	nvarchar				xsd:string
2	8	Zip	0	text	nvarchar				xsd:string
2	9	EDName	0	text	nvarchar				xsd:string
2	10	EDEmail	0	text	nvarchar				xsd:string
2	11	Phone	0	text	nvarchar				xsd:string
1	15	qryExportPNAInformation	0				unbound		
2	1	PNAID	1	autonumber	int	yes		yes	xsd:int
2	2	HAID	0	longinteger	int				xsd:int
2	3	PNA>Description	0	text	nvarchar				xsd:string
2	4	DateOfPNA	0	datetime	datetime				xsd:datetime
2	5	Company	0	text	nvarchar				xsd:string
2	6	Address1	0	text	nvarchar				xsd:string
2	7	Address2	0	text	nvarchar				xsd:string
2	8	City	0	text	nvarchar				xsd:string
2	9	State	0	text	nvarchar				xsd:string
2	10	Zip	0	text	nvarchar				xsd:string
2	11	Email	0	text	nvarchar				xsd:string
2	12	Phone	0	text	nvarchar				xsd:string
2	13	DateOfEnergyAudit	0	datetime	datetime				xsd:datetime
2	14	DateOfEnergyAudit	0	text	nvarchar				xsd:string
1	16	qryProjectAggregatesExport3	0				unbound		
2	1	projectId	0	longinteger	int				xsd:int
2	2	projectnumber	0	text	nvarchar				xsd:string
2	3	projectname	0	text	nvarchar				xsd:string
2	4	ProjectSites	0	longinteger	int				xsd:int
2	5	ProjectBuildings	0	longinteger	int				xsd:int
2	6	ProjectUnits	0	longinteger	int				xsd:int
2	7	dbProjectCriticalTotal	0	currency	money				xsd:double
2	8	HACode	0	text	nvarchar				xsd:string
2	9	dbMarkup	0	double	float				xsd:double



4.2. Query List Values

4.2.1. qryExportVersion Query List < qryExportVersion> values

Values
ID
VersionNumber

4.2.2. qryExportSustainabilityNeed Query List < qryExportSustainabilityNeed> values

Values
SustainabilityNeedID
SustainabilityCategoryID
LineItemID
UpgradedLineItemID
IncrementalCost
AnnualSavings
ConsumptionSavings
Payback
ConsumptionUnit
UsagePerYear
TradCost
GreenCost
TradUsage
GreenUsage
Rate
TradEUL
GreenEUL
TotalPayback
ECMCount
ProjectID

4.2.3. qryExportBuildingIndividualDataOutput Query List < qryExportBuildingIndividualDataOutput> values

Values
BuildingIndividualID
ProjectID
BuildingID
NationalID
BuildingIndividualName
BuildingTypeID
PNAID



4.2.4. qryExportBuildingSetDataOutput Query List < qryExportBuildingSetDataOutput> values

Values
BuildingID
SiteID
BuildingName
BuildingTypeID
Occupied0Units
Occupied1Units
Occupied2Units
Occupied3Units
Occupied4Units
Occupied5Units
Vacant0Units
Vacant1Units
Vacant2Units
Vacant3Units
Vacant4Units
Vacant5Units
Footprint
Area
Perimeter
AverageHeight
Stories
NumberInSet
UseBaseline

4.2.5. qryExportCommonAreaDataOutput Query List < qryExportCommonAreaDataOutput> values

Values
CommonAreaID
BuildingID
CommonAreaName
GrossInteriorPerimeterWallLength
AverageCeilingHeight
GrossFloorArea
NumberInSet



4.2.6. qryExportPotentialECMInformation Query List <qryExportPotentialECMInformation> values

Values
CommonAreaID
BuildingID
CommonAreaName
GrossInteriorPerimeterWallLength
AverageCeilingHeight
GrossFloorArea
NumberInSet

4.2.7. qryExportProjectAggregatesSustainabilityCat Query List <qryExportProjectAggregatesSustainabilityCat> values

Values
SustainabilityCategoryID
CategoryName
Year0
Year0Quantity
Year1
Year1Quantity
Year2
Year2Quantity
Year3
Year3Quantity
Year4
Year4Quantity
Year5
Year5Quantity
Year6
Year6Quantity
Year7
Year7Quantity
Year8
Year8Quantity
Year9
Year9Quantity
Year10
Year10Quantity
Year11
Year11Quantity
Year12
Year12Quantity
Year13
Year13Quantity



Values
Year14
Year14Quantity
Year15
Year15Quantity
Year16
Year16Quantity
Year17
Year17Quantity
Year18
Year18Quantity
Year19
Year19Quantity
Year20
Year20Quantity
SumOfIncrementalCost
SumTraditionalCost
SumOfGreenCost
AvgOfTotalPayback
AvgIncrementalPayBack

4.2.8. qryExportProjectDataOutputQuery List < qryExportProjectDataOutput> values

Values
ProjectID
PNAID
ProjectNumber
ProjectName
Address1
Address2
DOFA
MixedFinance
MixedFinanceLRUnits
MixedFinanceMarketUnits
OccupancyTypeID
DemoApproved
DemoDate
DateOfEnergyAudit
EnergyAuditProvider
DemoFull
DemoPartial



4.2.9. qryExportProjectInformation Query List < qryExportProjectInformation> values

Values
ProjectionType
Year0
Year1
Year2
Year3
Year4
Year5
Year6
Year7
Year8
Year9
Year10
Year11
Year12
Year13
Year14
Year15
Year16
Year17
Year18
Year19
Year20



4.2.10. qryExportProjectProjectionSourceOutput Query List < qryExportProjectProjectionSourceOutput> values

Values
LineItemReference
ProjectionID
LineItemID
NeedsTypeID
ComponentCategoryID
ProjectID
Year0
Year0Quantity
Year1
Year1Quantity
Year2
Year2Quantity
Year3
Year3Quantity
Year4
Year4Quantity
Year5
Year5Quantity
Year6
Year6Quantity
Year7
Year7Quantity
Year8
Year8Quantity
Year9
Year9Quantity
Year10
Year10Quantity
Year11
Year11Quantity
Year12
Year12Quantity
Year13
Year13Quantity
Year14
Year14Quantity
Year15
Year15Quantity
Year16
Year16Quantity
Year17



Values
Year17Quantity
Year18
Year18Quantity
Year19
Year19Quantity
Year20
Year20Quantity
ComponentName
ComponentCategoryName
LineItemName
Critical
Markup
AllowReplace
AllowRefurb
EULIndexName
EULIndexTitle
EULIndexYear
EULIndexID
ComponentID
Description
ResultUnit
Replace
ReplaceCost
ReplaceEUL
RefurbEUL
RUL
TotalTakeoff
CostLocalMultiplier



4.2.11. qryExportSiteDataOutput Query List < qryExportSiteDataOutput> values

Values
SiteID
ProjectID
SiteName
Address1
Address2
City
State
Zip
GrossPropertyArea
GrossParkingArea
GrossPavedArea
GrossPlaygroundArea
TennisCourts
BasketballCourts
TennisArea
BasketballArea
InspectionDate
Inspector
InspectionDescription
InspectionName

4.2.12. qryExportUnitIndividualDataOutput Query List < qryExportUnitIndividualDataOutput> values

Values
UnitIndividualID
BuildingIndividualID
UnitID
UnitIndividualName
Bedrooms
Address
Status
ACC
DemoDispo
EntranceNumber



4.2.13. qryExportUnitSetDataOutput Query List < qryExportVersion> values

Values
UnitID
BuildingID
UnitName
Bedrooms
FullBaths
HalfBaths
AverageCeilingHeight
FloorArea
NumberInSet
UseBaseline

4.2.14. qryExportHAInformation Query List < qryExportHAInformation> values

Values
HAID
HAName
HACode
Address1
Address2
City
State
Zip
EDName
EDEmail
Phone

4.2.15. qryExportPNAInformation Query List < qryExportPNAInformation> values

Values
PNAID
HAID
PNADescription
DateOfPNA
Company
Address1
Address2
City
State
Zip
Email
Phone
DateOfEnergyAudit
DateOfEnergyAudit



4.2.16. qryProjectAggregatesExport3 Query List < qryProjectAggregatesExport3> values

Values
PNAID
HAID
PNADescription
DateOfPNA
Company
Address1
Address2
City
State
Zip
Email
Phone
DateOfEnergyAudit
DateOfEnergyAudit



Appendix A: State Codes

Below are the valid designators for the <state> element in the XML document:

Code	State or Country Name
Code	State
AL	ALABAMA
AK	ALASKA
AZ	ARIZONA
AR	ARKANSAS
CA	CALIFORNIA
CO	COLORADO
CT	CONNECTICUT
DE	DELAWARE
DC	DISTRICT OF COLUMBIA
FL	FLORIDA
GA	GEORGIA
HI	HAWAII
ID	IDAHO
IL	ILLINOIS
IN	INDIANA
IA	IOWA
KS	KANSAS
KY	KENTUCKY
LA	LOUISIANA
ME	MAINE
MD	MARYLAND
MA	MASSACHUSETTS
MI	MICHIGAN
MN	MINNESOTA
MS	MISSISSIPPI
MO	MISSOURI
MT	MONTANA
NE	NEBRASKA
NV	NEVADA
NH	NEW HAMPSHIRE
NJ	NEW JERSEY
NM	NEW MEXICO
NY	NEW YORK
NC	NORTH CAROLINA
ND	NORTH DAKOTA
OH	OHIO
OK	OKLAHOMA
OR	OREGON



Code	State or Country Name
PA	PENNSYLVANIA
RI	RHODE ISLAND
SC	SOUTH CAROLINA
SD	SOUTH DAKOTA
TN	TENNESSEE
TX	TEXAS
X1	UNITED STATES
UT	UTAH
VT	VERMONT
VA	VIRGINIA
WA	WASHINGTON
WV	WEST VIRGINIA
WI	WISCONSIN
WY	WYOMING



Appendix B: Acronyms

Column1	Column2
ASCII	American Standard Code for Information Interchange
GPNA	Green Physical Needs Assessment
W3C	World Wide Web Consortium
XML	Extensible Markup Language
XSD	XML Schema Definition



Appendix C: Example Submission

```

<?xml version="1.0" encoding="UTF-8"?>
<root xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:od="urn:schemas-microsoft-com:officedata">
<xsd:schema>
  <xsd:element name="dataroot">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element ref="qryExportVersion" minOccurs="0" maxOccurs="unbounded"/>
        <xsd:element ref="qryExportSustainabilityNeed" minOccurs="0" maxOccurs="unbounded"/>
        <xsd:element ref="qryExportBuildingIndividualDataOutput" minOccurs="0"
maxOccurs="unbounded"/>
        <xsd:element ref="qryExportBuildingSetDataOutput" minOccurs="0" maxOccurs="unbounded"/>
        <xsd:element ref="qryExportCommonAreaDataOutput" minOccurs="0" maxOccurs="unbounded"/>
        <xsd:element ref="qryExportPotentialECMInformation" minOccurs="0" maxOccurs="unbounded"/>
        <xsd:element ref="qryExportProjectAggregatesSustainabilityCat" minOccurs="0"
maxOccurs="unbounded"/>
        <xsd:element ref="qryExportProjectDataOutput" minOccurs="0" maxOccurs="unbounded"/>
        <xsd:element ref="qryExportProjectInformation" minOccurs="0" maxOccurs="unbounded"/>
        <xsd:element ref="qryExportProjectProjectionSourceOutput" minOccurs="0"
maxOccurs="unbounded"/>
        <xsd:element ref="qryExportSiteDataOutput" minOccurs="0" maxOccurs="unbounded"/>
        <xsd:element ref="qryExportUnitIndividualDataOutput" minOccurs="0" maxOccurs="unbounded"/>
        <xsd:element ref="qryExportUnitSetDataOutput" minOccurs="0" maxOccurs="unbounded"/>
        <xsd:element ref="qryExportHAIInformation" minOccurs="0" maxOccurs="unbounded"/>
        <xsd:element ref="qryExportPNAInformation" minOccurs="0" maxOccurs="unbounded"/>
        <xsd:element ref="qryProjectAggregatesExport3" minOccurs="0" maxOccurs="unbounded"/>
      </xsd:sequence>
      <xsd:attribute name="generated" type="xsd:dateTime"/>
    </xsd:complexType>
  </xsd:element>
  <xsd:element name="qryExportVersion">
    <xsd:annotation>
      <xsd:appinfo/>
    </xsd:annotation>
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element name="ID" minOccurs="1" od:jetType="autonumber" od:sqlSType="int"
od:autoUnique="yes" od:nonNullable="yes" type="xsd:int"/>
        <xsd:element name="VersionNumber" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
          <xsd:simpleType>
            <xsd:restriction base="xsd:string">
              <xsd:maxLength value="255"/>
            </xsd:restriction>
          </xsd:simpleType>
        </xsd:element>
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
  <xsd:element name="qryExportSustainabilityNeed">
    <xsd:annotation>
      <xsd:appinfo/>
    </xsd:annotation>
  </xsd:element>

```



```
</xsd:annotation>
<xsd:complexType>
  <xsd:sequence>
    <xsd:element name="SustainabilityNeedID" minOccurs="1" od:jetType="autonumber"
od:sqlSType="int" od:autoUnique="yes" od:nullable="yes" type="xsd:int"/>
    <xsd:element name="SustainabilityCategoryID" minOccurs="0" od:jetType="longinteger"
od:sqlSType="int" type="xsd:int"/>
    <xsd:element name="LineItemID" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
    <xsd:element name="UpgradedLineItemID" minOccurs="0" od:jetType="longinteger"
od:sqlSType="int" type="xsd:int"/>
    <xsd:element name="IncrementalCost" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
    <xsd:element name="AnnualSavings" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
    <xsd:element name="ConsumptionSavings" minOccurs="0" od:jetType="longinteger"
od:sqlSType="int" type="xsd:int"/>
    <xsd:element name="Payback" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
    <xsd:element name="ConsumptionUnit" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="255"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="UsagePerYear" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
    <xsd:element name="TradCost" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
    <xsd:element name="GreenCost" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
    <xsd:element name="TradUsage" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
    <xsd:element name="GreenUsage" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
    <xsd:element name="Rate" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
    <xsd:element name="TradEUL" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
    <xsd:element name="GreenEUL" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
    <xsd:element name="TotalPayback" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
    <xsd:element name="ECMCount" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
    <xsd:element name="ProjectID" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
  </xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="qryExportBuildingIndividualDataOutput">
```



```
<xsd:annotation>
  <xsd:appinfo/>
</xsd:annotation>
<xsd:complexType>
  <xsd:sequence>
    <xsd:element name="BuildingIndividualID" minOccurs="1" od:jetType="autonumber"
od:sqlSType="int" od:autoUnique="yes" od:nonNullable="yes" type="xsd:int"/>
    <xsd:element name="ProjectID" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
    <xsd:element name="BuildingID" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
    <xsd:element name="NationalID" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="255"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="BuildingIndividualName" minOccurs="0" od:jetType="text"
od:sqlSType="nvarchar">
      <xsd:simpleType>
        <xsd:restriction base="xsd:string">
          <xsd:maxLength value="255"/>
        </xsd:restriction>
      </xsd:simpleType>
    </xsd:element>
    <xsd:element name="BuildingTypeID" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
    <xsd:element name="PNAID" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
  </xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="qryExportBuildingSetDataOutput">
  <xsd:annotation>
    <xsd:appinfo/>
  </xsd:annotation>
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="BuildingID" minOccurs="1" od:jetType="autonumber" od:sqlSType="int"
od:autoUnique="yes" od:nonNullable="yes" type="xsd:int"/>
      <xsd:element name="SiteID" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
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type="xsd:int"/>
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type="xsd:int"/>
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type="xsd:int"/>
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od:nonNullable="yes" type="xsd:boolean"/>
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type="xsd:int"/>
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type="xsd:int"/>
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      <xsd:maxLength value="255"/>
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</xsd:element>
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</xsd:element>
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</xsd:element>
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    <xsd:restriction base="xsd:string">
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</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
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    <xsd:appinfo/>
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  <xsd:complexType>
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od:sqlSType="int" od:autoUnique="yes" od:nullable="yes" type="xsd:int"/>
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            <xsd:maxLength value="100"/>
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type="xsd:double"/>
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type="xsd:double"/>
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type="xsd:double"/>
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type="xsd:double"/>
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type="xsd:double"/>
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```



```
type="xsd:double"/>
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type="xsd:double"/>
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type="xsd:double"/>
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type="xsd:double"/>
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type="xsd:double"/>
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type="xsd:double"/>
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type="xsd:double"/>
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type="xsd:double"/>
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type="xsd:double"/>
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type="xsd:double"/>
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type="xsd:double"/>
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type="xsd:double"/>
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type="xsd:double"/>
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type="xsd:double"/>
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type="xsd:double"/>
  <xsd:element name="Year12Quantity" minOccurs="0" od:jetType="double" od:sqlSType="float"
type="xsd:double"/>
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type="xsd:double"/>
  <xsd:element name="Year13Quantity" minOccurs="0" od:jetType="double" od:sqlSType="float"
type="xsd:double"/>
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type="xsd:double"/>
  <xsd:element name="Year14Quantity" minOccurs="0" od:jetType="double" od:sqlSType="float"
type="xsd:double"/>
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type="xsd:double"/>
  <xsd:element name="Year15Quantity" minOccurs="0" od:jetType="double" od:sqlSType="float"
type="xsd:double"/>
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```
type="xsd:double"/>
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type="xsd:double"/>
  <xsd:element name="Year17Quantity" minOccurs="0" od:jetType="double" od:sqlSType="float"
type="xsd:double"/>
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type="xsd:double"/>
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type="xsd:double"/>
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type="xsd:double"/>
  <xsd:element name="Year19Quantity" minOccurs="0" od:jetType="double" od:sqlSType="float"
type="xsd:double"/>
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type="xsd:double"/>
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type="xsd:double"/>
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od:sqlSType="money" type="xsd:double"/>
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od:sqlSType="money" type="xsd:double"/>
  <xsd:element name="SumOfGreenCost" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
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type="xsd:double"/>
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type="xsd:int"/>
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od:nonNullable="yes" type="xsd:boolean"/>
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od:sqlSType="int" type="xsd:int"/>
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type="xsd:double"/>
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type="xsd:double"/>
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type="xsd:double"/>
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type="xsd:double"/>
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```
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      <xsd:element name="LineItemReference" minOccurs="0" od:jetType="text" od:sqlType="nvarchar">
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          <xsd:restriction base="xsd:string">
            <xsd:maxLength value="255"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
      <xsd:element name="ProjectionID" minOccurs="1" od:jetType="autonumber" od:sqlType="int"
od:autoUnique="yes" od:nullable="yes" type="xsd:int"/>
      <xsd:element name="LineItemID" minOccurs="0" od:jetType="longinteger" od:sqlType="int"
type="xsd:int"/>
      <xsd:element name="NeedsTypeID" minOccurs="0" od:jetType="longinteger" od:sqlType="int"
type="xsd:int"/>
      <xsd:element name="ComponentCategoryID" minOccurs="0" od:jetType="longinteger"
od:sqlType="int" type="xsd:int"/>
      <xsd:element name="ProjectID" minOccurs="0" od:jetType="longinteger" od:sqlType="int"
type="xsd:int"/>
      <xsd:element name="Year0" minOccurs="0" od:jetType="currency" od:sqlType="money"
type="xsd:double"/>
      <xsd:element name="Year0Quantity" minOccurs="0" od:jetType="longinteger" od:sqlType="int"
type="xsd:int"/>
      <xsd:element name="Year1" minOccurs="0" od:jetType="currency" od:sqlType="money"
type="xsd:double"/>
      <xsd:element name="Year1Quantity" minOccurs="0" od:jetType="longinteger" od:sqlType="int"
type="xsd:int"/>
      <xsd:element name="Year2" minOccurs="0" od:jetType="currency" od:sqlType="money"
type="xsd:double"/>
      <xsd:element name="Year2Quantity" minOccurs="0" od:jetType="longinteger" od:sqlType="int"
type="xsd:int"/>
      <xsd:element name="Year3" minOccurs="0" od:jetType="currency" od:sqlType="money"
type="xsd:double"/>
      <xsd:element name="Year3Quantity" minOccurs="0" od:jetType="longinteger" od:sqlType="int"
type="xsd:int"/>
      <xsd:element name="Year4" minOccurs="0" od:jetType="currency" od:sqlType="money"
type="xsd:double"/>
      <xsd:element name="Year4Quantity" minOccurs="0" od:jetType="longinteger" od:sqlType="int"
type="xsd:int"/>
      <xsd:element name="Year5" minOccurs="0" od:jetType="currency" od:sqlType="money"
type="xsd:double"/>
      <xsd:element name="Year5Quantity" minOccurs="0" od:jetType="longinteger" od:sqlType="int"
type="xsd:int"/>
      <xsd:element name="Year6" minOccurs="0" od:jetType="currency" od:sqlType="money"
type="xsd:double"/>
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</xsd:element>
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```
<xsd:element name="Year6Quantity" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="Year7" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
<xsd:element name="Year7Quantity" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="Year8" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
<xsd:element name="Year8Quantity" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
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type="xsd:double"/>
<xsd:element name="Year9Quantity" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="Year10" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
<xsd:element name="Year10Quantity" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="Year11" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
<xsd:element name="Year11Quantity" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="Year12" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
<xsd:element name="Year12Quantity" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="Year13" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
<xsd:element name="Year13Quantity" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="Year14" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
<xsd:element name="Year14Quantity" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="Year15" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
<xsd:element name="Year15Quantity" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="Year16" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
<xsd:element name="Year16Quantity" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="Year17" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
<xsd:element name="Year17Quantity" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="Year18" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
<xsd:element name="Year18Quantity" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="Year19" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
```



```
<xsd:element name="Year19Quantity" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="Year20" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
<xsd:element name="Year20Quantity" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="ComponentName" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="ComponentCategoryName" minOccurs="0" od:jetType="text"
od:sqlSType="nvarchar">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="LineItemName" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="Critical" minOccurs="1" od:jetType="yesno" od:sqlSType="bit"
od:nonNullable="yes" type="xsd:boolean"/>
<xsd:element name="Markup" minOccurs="0" od:jetType="double" od:sqlSType="float"
type="xsd:double"/>
<xsd:element name="AllowReplace" minOccurs="1" od:jetType="yesno" od:sqlSType="bit"
od:nonNullable="yes" type="xsd:boolean"/>
<xsd:element name="AllowRefurb" minOccurs="1" od:jetType="yesno" od:sqlSType="bit"
od:nonNullable="yes" type="xsd:boolean"/>
<xsd:element name="EULIndexName" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="EULIndexTitle" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="EULIndexYear" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
  <xsd:simpleType>
```



```
<xsd:restriction base="xsd:string">
  <xsd:maxLength value="255"/>
</xsd:restriction>
</xsd:simpleType>
</xsd:element>
<xsd:element name="EULIndexID" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="ComponentID" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="Description" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
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    <xsd:restriction base="xsd:string">
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    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="ResultUnit" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
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  </xsd:simpleType>
</xsd:element>
<xsd:element name="Replace" minOccurs="1" od:jetType="yesno" od:sqlSType="bit"
od:nonNullable="yes" type="xsd:boolean"/>
<xsd:element name="ReplaceCost" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
<xsd:element name="RefurbCost" minOccurs="0" od:jetType="currency" od:sqlSType="money"
type="xsd:double"/>
<xsd:element name="ReplaceEUL" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="RefurbEUL" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="RUL" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="TotalTakeoff" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="CostLocalMultiplier" minOccurs="0" od:jetType="single" od:sqlSType="real"
type="xsd:float"/>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="qryExportSiteDataOutput">
  <xsd:annotation>
    <xsd:appinfo/>
  </xsd:annotation>
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="SiteID" minOccurs="1" od:jetType="autonumber" od:sqlSType="int"
od:autoUnique="yes" od:nonNullable="yes" type="xsd:int"/>
      <xsd:element name="ProjectID" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
```



```
<xsd:element name="SiteName" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="Address1" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="Address2" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="City" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="State" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="Zip" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="GrossPropertyArea" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="GrossParkingArea" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="GrossPavedArea" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="GrossPlaygroundArea" minOccurs="0" od:jetType="longinteger"
od:sqlSType="int" type="xsd:int"/>
<xsd:element name="TennisCourts" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
```



```
<xsd:element name="BasketballCourts" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="TennisArea" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="BasketballArea" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="InspectionDate" minOccurs="0" od:jetType="datetime" od:sqlSType="datetime"
type="xsd:dateTime"/>
<xsd:element name="Inspector" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
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    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="InspectionDescription" minOccurs="0" od:jetType="text"
od:sqlSType="nvarchar">
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    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="InspectionName" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="qryExportUnitIndividualDataOutput">
  <xsd:annotation>
    <xsd:appinfo/>
  </xsd:annotation>
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="UnitIndividualID" minOccurs="1" od:jetType="autonumber" od:sqlSType="int"
od:autoUnique="yes" od:nullable="yes" type="xsd:int"/>
      <xsd:element name="BuildingIndividualID" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
      <xsd:element name="UnitID" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
      <xsd:element name="UnitIndividualName" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
        <xsd:simpleType>
          <xsd:restriction base="xsd:string">
            <xsd:maxLength value="255"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
    </xsd:sequence>
  </xsd:complexType>
</xsd:element>
```



```
<xsd:element name="Bedrooms" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="Address" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="Status" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="ACC" minOccurs="1" od:jetType="yesno" od:sqlSType="bit"
od:nonNullable="yes" type="xsd:boolean"/>
<xsd:element name="DemoDispo" minOccurs="1" od:jetType="yesno" od:sqlSType="bit"
od:nonNullable="yes" type="xsd:boolean"/>
<xsd:element name="EntranceNumber" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="qryExportUnitSetDataOutput">
  <xsd:annotation>
    <xsd:appinfo/>
  </xsd:annotation>
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="UnitID" minOccurs="1" od:jetType="autonumber" od:sqlSType="int"
od:autoUnique="yes" od:nonNullable="yes" type="xsd:int"/>
      <xsd:element name="BuildingID" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
      <xsd:element name="UnitName" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
        <xsd:simpleType>
          <xsd:restriction base="xsd:string">
            <xsd:maxLength value="255"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
      <xsd:element name="Bedrooms" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
      <xsd:element name="FullBaths" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
      <xsd:element name="HalfBaths" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
      <xsd:element name="AverageCeilingHeight" minOccurs="0" od:jetType="longinteger"
od:sqlSType="int" type="xsd:int"/>
      <xsd:element name="FloorArea" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
```



```
<xsd:element name="NumberInSet" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
<xsd:element name="UseBaseline" minOccurs="1" od:jetType="yesno" od:sqlSType="bit"
od:nonNullable="yes" type="xsd:boolean"/>
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</xsd:complexType>
</xsd:element>
<xsd:element name="qryExportHAInformation">
<xsd:annotation>
<xsd:appinfo/>
</xsd:annotation>
<xsd:complexType>
<xsd:sequence>
<xsd:element name="HAID" minOccurs="1" od:jetType="autonumber" od:sqlSType="int"
od:autoUnique="yes" od:nonNullable="yes" type="xsd:int"/>
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<xsd:restriction base="xsd:string">
<xsd:maxLength value="255"/>
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<xsd:restriction base="xsd:string">
<xsd:maxLength value="255"/>
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<xsd:restriction base="xsd:string">
<xsd:maxLength value="255"/>
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</xsd:simpleType>
</xsd:element>
<xsd:element name="Address2" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
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<xsd:restriction base="xsd:string">
<xsd:maxLength value="255"/>
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</xsd:simpleType>
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<xsd:element name="City" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
<xsd:simpleType>
<xsd:restriction base="xsd:string">
<xsd:maxLength value="255"/>
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</xsd:simpleType>
</xsd:element>
<xsd:element name="State" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
<xsd:simpleType>
```



```
<xsd:restriction base="xsd:string">
  <xsd:maxLength value="255"/>
</xsd:restriction>
</xsd:simpleType>
</xsd:element>
<xsd:element name="Zip" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
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    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
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</xsd:element>
<xsd:element name="EDEmail" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
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      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
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  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="qryExportPNAInformation">
  <xsd:annotation>
    <xsd:appinfo/>
  </xsd:annotation>
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="PNAID" minOccurs="1" od:jetType="autonumber" od:sqlSType="int"
od:autoUnique="yes" od:nullable="yes" type="xsd:int"/>
      <xsd:element name="HAID" minOccurs="0" od:jetType="longinteger" od:sqlSType="int"
type="xsd:int"/>
      <xsd:element name="PNADescription" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
        <xsd:simpleType>
          <xsd:restriction base="xsd:string">
            <xsd:maxLength value="255"/>
          </xsd:restriction>
        </xsd:simpleType>
      </xsd:element>
    </xsd:sequence>
  </xsd:complexType>

```



```
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type="xsd:dateTime"/>
<xsd:element name="Company" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
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    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="Address1" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="Address2" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="City" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="State" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
</xsd:element>
<xsd:element name="Zip" minOccurs="0" od:jetType="text" od:sqlSType="nvarchar">
  <xsd:simpleType>
    <xsd:restriction base="xsd:string">
      <xsd:maxLength value="255"/>
    </xsd:restriction>
  </xsd:simpleType>
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