Overview

This document describes the different database views GCS Software customers can use to access live data for use in third-party applications.

Target Audience

These views are intended to be used by individuals who are proficient in using SQL to retrieve data from a database.

Benefits

Benefits of using these views:

- You can retrieve live data instantly as opposed to periodically retrieving a snapshot of the data via data export processes.

- You are isolated from database design changes that may break your application. GCS Software reserves the right to change the design of database tables at any time without notification. However, GCS Software will ensure these views behave consistently despite any changes to the underlying table designs.

Notes on using the views

GCS Software maintains two groups of views: **Parcel views**, which contain data related to the Parcel (owners, districts, assessments, taxes, etc) and **Application views** that contain data related to Permits and Applications (application type, associated parcels and property addresses, application people, form data, activities, etc).

Unique Parcel records are described by their **Parcel Number**, **Creation Date**, **Property Type** and **Tax Year**, while unique Application records are described by their **Application Number Prefix**, **Application Number**, **Application Type** and **Year**. You should use these Keys when joining data from multiple views.

Parcel View Notes

- Although this document uses the term 'Parcel', these views also apply to **Personal Property** unless otherwise specified. The **IsRE** flag indicates whether a parcel record is **Real Estate** (1) or a **Personal Property** (0);

- Most of the views represent data that has a 1-to-many relationship between parcel and the data. For example, a parcel has many owners, many valuations, many payments, etc. All these related data views identify the parcel using the fields: **IsRE**, **ParcelNumber**, **CreationDate**, **TaxYear**.

- GCS Software not only tracks parcel information for each year, it also tracks the history of a parcel's splits and merges.

  Parcel records display parcel information for each tax year.

  Two parcel records that represent the same piece of land (e.g. same location, same acreage) will have the same **parcel number** and **creation date**.

  The Parcel's **CurrentParcel** flag indicates whether a parcel record represents the latest version of a parcel in a parcel history tracking sense.

- When a parcel splits or merges with another parcel, all the parcel records representing the old piece of land have their historical date set and their CurrentParcel flag unchecked.

  Example: Parcel 002-00001-0000 was 40 acres for tax years 2000 through 2003 but for 2004 it was 30 acres due to a split. Here is how the records would look:

```
ParcelNumber    CreationDate   HistoricalDate   CurrentParcel   TaxYear
002-00001-0000  08/13/1999      05/12/2003           No           2000
002-00001-0000  08/13/1999      05/12/2003           No           2001
002-00001-0000  08/13/1999      05/12/2003           No           2002
002-00001-0000  08/13/1999      05/12/2003           No           2003
002-00001-0000  05/12/2003                           Yes          2004
```

- The **IsAssessed** and **IsTaxed** flags indicate whether a parcel is on the **Assessment Roll** and **Tax Roll** respectively for that parcel's tax year. Normally both flags are true (1). But sometimes one or both flags are untrue (0) due to splits and merges.

  Example: 002-00001-0000 was on the 2006 assessment roll, so its IsAssessed flag was set to true. But then the parcel split in two during 2006 and the owners of the two resulting parcels want the original parcels 2006 taxes divided among the two new parcels.   Here is how the records would look:

```
ParcelNumber    CreationDate   TaxYear   IsAssessed   IsTaxed
002-00001-0000  05/12/2003      2006          1           0
002-00001-0000  04/01/2006      2006          0           1
```

```
002-00001-0010   04/01/2006     2006        0           1
```

- The term 'Plat' is used as a catch-all term for types of land descriptions which include Plats, Certified Survey Maps, Condominiums, Metes and Bounds, and Government Lots.

- Dates are stored as characters fields in the format **YYYYMMDD**. So 12/31/2005 would be stored as 20051231.

   The value 01000101 (01/01/0100) is a 'default ' date that represents an unspecified date.

- Flags in the data are stored as 1 for yes/true and 0 for no/false.

List of available Parcel Views

dbo.CustomerView_Parcel
dbo.CustomerView_ParcelChild
dbo.CustomerView_ParcelDistrict
dbo.CustomerView_ParcelDocument
dbo.CustomerView_ParcelOwner
dbo.CustomerView_ParcelParent
dbo.CustomerView_ParcelPropertyAddress
dbo.CustomerView_ParcelPropertyDescription
dbo.CustomerView_ParcelTaxDetail
dbo.CustomerView_ParcelTaxInstallment
dbo.CustomerView_ParcelTaxPaymentDetail
dbo.CustomerView_ParcelTaxPaymentSummary
dbo.CustomerView_ParcelSummary
dbo.CustomerView_ParcelTract
dbo.CustomerView_ParcelValuation

Application View Notes

- Each Application View contains a common key that allows users to access applications. That key is:
    - ApplicationNumberPrefix
    - ApplicationNumber
    - ApplicationType
    - ApplicationYear

- Applications are connected to parcels in two ways:
    - Primary Parcels are listed in CustomerView_Application
    - All parcels are listed in CustomerView_ApplicationParcel

List of available Application Views

dbo.CustomerView_Application
dbo.CustomerView_ApplicationActivity
dbo.CustomerView_ApplicationCheckList
dbo.CustomerView_ApplicationFeeDetail
dbo.CustomerView_ApplicationFormField
dbo.CustomerView_ApplicationNote
dbo.CustomerView_ApplicationParcel
dbo.CustomerView_ApplicationPaymentDetail
dbo.CustomerView_ApplicationPerson
dbo.CustomerView_ApplicationTemporaryParcel

Survey View Notes

- Each Survey View contains a common key that allows users to access survey records. That key is:
  - DocumentNumber

List of available Survey Views

dbo.CustomerView_SurveyProperty
dbo.CustomerView_SurveyName

Parcel View Detailed Descriptions

dbo.CustomerView_Parcel

Purpose:

This view contains parcel information and associated information that has a 1-to-1 relationship with a parcel.

Note: To get all the Plat, Block, LotType, and Lot information for a Parcel, use the CustomerView_ParcelPropertyDescription view instead.

We have retained the Plat, Block, LotType, and Lot information in this view. However, it now comes from the "Primary" PropertyDescription associated with the Parcel.

Fields:

Name	Description
IsRE	Indicates if Real Estate (1) or Personal Property(0)
ParcelNumber	Identifies a parcel
AlternateParcelNumber	An alternate way to identify a parcel
CreationDate	Identifies when the parcel was created.
	Used in conjunction with ParcelNumber to uniquely represent a piece of land when tracking parcel history.
HistoricalDate	Identifies when this version of the parcel was 'deleted' due to a split or merge.
TaxYear	Indicates the tax year that the parcel information is for.
CurrentParcel	Indicates if it is the latest version of a parcel when tracking parcel history. 1 = true, 0 = false.
IsAssessed	Indicates if this parcel record is on the Assessment Roll for the specified Tax Year. 1 = true, 0 = false.
IsTaxed	Indicates if this parcel record is on the Tax Roll for the specified Tax Year. 1 = true, 0 = false.
MunicipalityCode	The 3-digit state-defined code of the municipality where the parcel resides.
MunicipalityDescription	The name of the municipality where the parcel resides.
PlatType	The type of land description.
	Valid Values: PLAT, CONDOMINIUM, CERTIFIED SURVEY MAP, METES AND BOUNDS, GOVERNMENT LOT
PlatCode	The county-defined code that indicates the plat where the parcel resides.
PlatDescription	The name of the plat where the parcel resides.
Block	The block of the plat where the parcel resides
Lot	The lot of the plat where the parcel resides

Acres	The legal acres. Note- this is not the sum of the acres of the valuations.
LegalDescription	The description of the parcel
LotteryCreditsClaimed	The number of lottery claims for the parcel.
AverageAssessmentRatio	The average assessment ratio for the parcel, also known as aggregate ratio. It is only applicable after tax calculation.
FairMarketValue	The fair market value of the parcel. It is only applicable after tax calculation.
GeneralPropertyTaxBalancecode	Indicates balance status of the general property taxes. It is only applicable after tax calculation. Tax calculation initializes the code to 'D'. Valid Values: D = delinquent P = postponed N = no balance
SpecialAssessmentBalancecode	Indicates balance status of the special assessments. It is only applicable after tax calculation. Tax calculation initializes the code to 'D'. Valid Values: D = delinquent P = postponed N = no balance
OtherSpecialTaxesBalanceCode	Indicates balance status of all the other taxes. It is only applicable after tax calculation. Tax calculation initializes the code to 'D'. Valid Values: D = delinquent N = no balance
Attention	Part of the mailing address of the parcel. Examples: ATTN: John Smith, C/O John Smith.
NamePrefix1	Part of the mailing address of the parcel. Part of the first owner name displayed with the address. Examples: MR, MRS, DR
FirstName1	Part of the mailing address of the parcel.

	Part of the first owner name displayed with the address.
MiddleName1	Part of the mailing address of the parcel.
	Part of the first owner name displayed with the address.
LastName1	Part of the mailing address of the parcel.
	Part of the first owner name displayed with the address.
NameExtension1	Part of the mailing address of the parcel.
	Part of the first owner name displayed with the address.
	Examples: JR, III, MD
NamePrefix2	Part of the mailing address of the parcel.
	Part of the second owner name displayed with the address.
	Examples: MR, MRS, DR
FirstName2	Part of the mailing address of the parcel.
	Part of the second owner name displayed with the address.
MiddleName2	Part of the mailing address of the parcel.
	Part of the second owner name displayed with the address.
LastName2	Part of the mailing address of the parcel.
	Part of the second owner name displayed with the address.
NameExtension2	Part of the mailing address of the parcel.
	Part of the second owner name displayed with the address.
	Examples: JR, III, MD
HouseNumber	Part of the mailing address of the parcel.
HouseNumberSuffix	Part of the mailing address of the parcel.
	An extension to the house number of the address.
	Example: The '1/2' in 2901 1/2 Losey Blvd
PrefixDirection	Part of the mailing address of the parcel.
	The directional that comes before the street name.
	Example: The 'N' in 1234 N 5TH ST
StreetName	Part of the mailing address of the parcel.
	The street name.
	Example: '5TH' in 1234 N 5TH ST
StreetType	Part of the mailing address of the parcel.
	The type of street.

	Example: 'ST' in 1234 N 5TH ST
SuffixDirection	Part of the mailing address of the parcel.
	The directional that comes after the street name.
	Example: The 'S' in 2901 LOSEY BLVD S
UnitType	Part of the mailing address of the parcel.
	Example: APT, STE, UNIT
UnitNumber	Part of the mailing address of the parcel.
	Example: the '2A' in 1234 N 5TH
City	Part of the mailing address of the parcel.
State	Part of the mailing address of the parcel.
ZipCode	Part of the mailing address of the parcel.
ZipCodeExt	Part of the mailing address of the parcel.
CountryCode	Part of the mailing address of the parcel.
	Used to store country information for foreign addresses.

Examples:

Get all 2006 tax roll parcels for Town of Alma:

```sql
SELECT *
FROM CustomerView_Parcel
WHERE IsRe = 1 AND IsTaxed = 1 AND TaxYear = 2006 AND MunicipalityDescription = 'TOWN OF ALMA'
```

dbo.CustomerView_ParcelOwner

Purpose:

This view is used to retrieve the owners for a parcel.

Fields:

Name	Description
IsRE	Indicates if Real Estate (1) or Personal Property(0)
ParcelNumber	Identifies a parcel
CreationDate	Identifies when the parcel was created. Used in conjunction with ParcelNumber to uniquely represent a piece of land when tracking parcel history.
TaxYear	Indicates the tax year that the parcel information is for.
OwnerStatus	Indicates the status of the owner. Valid values: CURRENT OWNER, CURRENT CO-OWNER, FORMER OWNER.
OwnershipDate	Indicates when the person took ownership of the parcel.
OwnershipInterest	Indicates the amount of the ownership of the parcel by this person. Examples: 50%, 1/3.
Attention	Part of the owner's address Examples: ATTN: John Smith, C/O John Smith.
NamePrefix	Part of the owner's address Examples: MR, MRS, DR
FirstName	Part of the owner's address
MiddleName	Part of the owner's address
LastName	Part of the owner's address
NameExtension	Part of the owner's address Examples: JR, III, MD
HouseNumber	Part of the owner's address
HouseNumberSuffix	Part of the owner's address An extension to the house number of the address. Example: The '1/2' in 2901 1/2 Losey Blvd
PrefixDirection	Part of the owner's address The directional that comes before the street name. Example: The 'N' in 1234 N 5TH ST

StreetName	Part of the owner's address The street name. Example: '5TH' in 1234 N 5TH ST
StreetType	Part of the owner's address The type of street. Example: 'ST' in 1234 N 5TH ST
SuffixDirection	Part of the owner's address The directional that comes after the street name. Example: The 'S' in 2901 LOSEY BLVD S
UnitType	Part of the owner's address Example: APT, STE, UNIT
UnitNumber	Part of the owner's address Example: the '2A' in 1234 N 5TH
City	Part of the owner's address
State	Part of the owner's address
ZipCode	Part of the owner's address
ZipCodeExt	Part of the owner's address
CountryCode	Part of the owner's address Used to store country information for foreign addresses.
Confidential	Indicates if this information should be private. 1 = true, 0 = false

Examples:

Get all the owners in 2006 for the parcel 002-00001-0000:

```
SELECT *
FROM CustomerView_ParcelOwner
WHERE IsRe = 1 AND ParcelNumber = '002000010000' AND TaxYear = 2006
```

dbo.CustomerView_ParcelPropertyAddress

Purpose:

This view is used to retrieve the property addresses for a parcel. This is where the parcel is physically located.

Fields:

Name	Description
IsRE	Indicates if Real Estate (1) or Personal Property(0)
ParcelNumber	Identifies a parcel
CreationDate	Identifies when the parcel was created.
	Used in conjunction with ParcelNumber to uniquely represent a piece of land when tracking parcel history.
TaxYear	Indicates the tax year that the parcel information is for.
PrimaryAddress	Indicates if this is the primary address of a parcel that has multiple property addresses.
	1 = true, 0 = false
HouseNumber	Part of the property address
HouseNumberSuffix	Part of the property address
	An extension to the house number of the address.
	Example: The '1/2' in 2901 1/2 Losey Blvd
PrefixDirection	Part of the property address
	The directional that comes before the street name.
	Example: The 'N' in 1234 N 5TH ST
StreetName	Part of the property address
	The street name.
	Example: '5TH' in 1234 N 5TH ST
StreetType	Part of the property address
	The type of street.
	Example: 'ST' in 1234 N 5TH ST
SuffixDirection	Part of the property address
	The directional that comes after the street name.
	Example: The 'S' in 2901 LOSEY BLVD S
UnitType	Part of the property address
	Example: APT, STE, UNIT
UnitNumber	Part of the property address
	Example: the '2A' in 1234 N 5TH

PostOffice	Part of the owner's address.
	The name of the City of the parcel's post office.
	Used for auditing lottery credit claims.
ZipCode	Part of the owner's address
	Used for auditing lottery credit claims.
ZipCodeExt	Part of the owner's address
	Used for auditing lottery credit claims.

Examples:

Get the primary property address in 2006 for the parcel 002-00001-0000:

```sql
SELECT *
FROM CustomerView_ParcelPropertyAddress
WHERE PrimaryAddress = 1 AND IsRe = 1 AND ParcelNumber = '002000010000' AND TaxYear = 2006
```

dbo.CustomerView_ParcelPropertyDescription

Purpose:

This view is used to retrieve the Plat, Block, Lot, Tracts that a parcel lies in.

This view is not applicable for personal property.

Fields:

Name	Description
ParcelNumber	Identifies a parcel
CreationDate	Identifies when the parcel was created.
	Used in conjunction with ParcelNumber to uniquely represent a piece of land when tracking parcel history.
TaxYear	Indicates the tax year that the parcel information is for.
PrimaryPropertyDescription	Indicates if this is the Primary Property Description for the Parcel.
PlatType	The type of land description.
	Valid Values: PLAT, CONDOMINIUM, CERTIFIED SURVEY MAP, METES AND BOUNDS, GOVERNMENT LOT
PlatCode	The county-defined code that indicates the plat where the parcel resides.
PlatDescription	The name of the plat where the parcel resides.
Block	The block of the plat where the parcel resides
LotType	The type of lot (e.g. LOT, OUTLOT, GREENSPACE)
Lot	The lot of the plat where the parcel resides
Section	Part of the tract
Township	Part of the tract
TownshipDirection	Part of the tract
Range	Part of the tract
RangeDirection	Part of the tract
Quarter40	Part of the tract. Also known as the quarter-quarter.
Quarter160	Part of the tract

Examples:

Get the property descriptions in 2006 for the parcel 002-00001-0000:

```sql
SELECT *
FROM CustomerView_PropertyDescription
WHERE ParcelNumber = '002000010000' AND TaxYear = 2006
```

dbo.CustomerView_ParcelTract

Purpose:

This view is used to retrieve the tracts that a parcel lies in.

This view is not applicable for personal property.

Note: We recommend using the new CustomerView_ParcelPropertyDescription view instead which returns the same information as well as Plat and Block/Lot information. This view has been changed to get data via the PropertyDescriptions for a Parcel.

Fields:

Name	Description
ParcelNumber	Identifies a parcel
CreationDate	Identifies when the parcel was created.
	Used in conjunction with ParcelNumber to uniquely represent a piece of land when tracking parcel history.
TaxYear	Indicates the tax year that the parcel information is for.
Section	Part of the tract
Township	Part of the tract
TownshipDirection	Part of the tract
Range	Part of the tract
RangeDirection	Part of the tract
Quarter40	Part of the tract
	Also known as the quarter-quarter.
Quarter160	Part of the tract

Examples:

Get the tracts in 2006 for the parcel 002-00001-0000:

```
SELECT *
FROM CustomerView_ParcelTract
WHERE ParcelNumber = '002000010000' AND TaxYear = 2006
```

dbo.CustomerView_ParcelDistrict

Purpose:

This view is used to retrieve the districts (taxing jurisdictions) that a parcel belongs to.

Fields:

Name	Description
IsRE	Indicates if Real Estate (1) or Personal Property(0)
ParcelNumber	Identifies a parcel
CreationDate	Identifies when the parcel was created.
	Used in conjunction with ParcelNumber to uniquely represent a piece of land when tracking parcel history.
TaxYear	Indicates the tax year that the parcel information is for.
StateCode	State-defined code for the district.
	Not applicable for all districts.
StateCodeExt	An extension to the State-defined code for the district.
UserCode	A county-defined code for the district.
Description	The name of the district.
Type	The type of district.
	Valid Values:
	BA = Basic (a district that every parcel is in. e.g. State of Wisconsin)
	SD = Special District
	SC = School District
Category	A classification used for the Statement of Assessment.
	Valid Values: REGULAR SCHOOL, UNION HIGH SCHOOL, TECHNICAL COLLEGE, METRO SEWERAGE, SANITARY, LAKE REHABILITATION, TIF/TID, OTHER DISTRICT

Examples:

Get the non-basic districts in 2006 for the parcel 002-00001-0000:

```sql
SELECT *
FROM CustomerView_ParcelDistrict
WHERE IsRE = 1 AND ParcelNumber = '002000010000' AND TaxYear = 2006 AND Type <> 'BA'
```

dbo.CustomerView_ParcelDocument

Purpose:

This view is used to retrieve the documents recorded against a parcel. Note that this information is maintained by the Property Assessment & Taxation system, not the Document Indexing system.

This view is not applicable for personal property.

Fields:

Name	Description
ParcelNumber	Identifies a parcel
CreationDate	Identifies when the parcel was created. Used in conjunction with ParcelNumber to uniquely represent a piece of land when tracking parcel history.
TaxYear	Indicates the tax year that the parcel information is for.
DocumentType	The type of document. Examples: WD, MTG
DocumentNumber	Identifies the document.
DateRecorded	The date the document was recorded.
Volume	Alternate way of identifying the document. Used in conjunction with Page.
Page	Alternate way of identifying the document. Used in conjunction with Volume.

Examples:

Get documents in 2006 for the parcel 002-00001-0000:

```
SELECT *
FROM CustomerView_ParcelDocument
WHERE ParcelNumber = '002000010000' AND TaxYear = 2006
```

dbo.CustomerView_ParcelValuation

Purpose:

This view is used to retrieve the valuations for a parcel.

Fields:

Name	Description
IsRE	Indicates if Real Estate (1) or Personal Property(0)
ParcelNumber	Identifies a parcel
CreationDate	Identifies when the parcel was created.
	Used in conjunction with ParcelNumber to uniquely represent a piece of land when tracking parcel history.
TaxYear	Indicates the tax year that the parcel information is for.
Class	Part of the valuation classification.
	Valid Values:
	G = general property (real estate only)
	W = woodland property (real estate only)
	X = exempt property (real estate only)
	P = general property (personal property only)
	O = occupational (personal property only)
Code	Part of the valuation classification. Works in conjunction with Class.
	Examples:
	The '1' in G1 which is Residential.
	The '2' in X2 which State Exempt.
Description	The description of the valuation classification.
	Example: G1's description is RESIDENTIAL.
Acres	The acres. (real estate only)
LandValue	The land value (real estate only)
ImprovementValue	The improvement value (real estate only)
TotalValue	The sum of land value and improvement value (real estate only).
Quantity	The occupational quantity (personal property only)
Value	The personal property value (personal property only)
ValuationChangeReasonCode	The reason for the valuation change.
StateAssessed	Indicates if this valuation is state assessed or not.
	1 = true, 0 = false.

Examples:

Get documents in 2006 for the parcel 002-00001-0000:

```sql
SELECT *
FROM CustomerView_ParcelValuation
WHERE ParcelNumber = '002000010000' AND TaxYear = 2006
```

Get sum of general property total values in 2006 for parcels.:

```sql
SELECT ParcelNumber, SUM(TotalValue )
FROM CustomerView_ParcelValuation
WHERE IsRE = 1 AND TaxYear = 2006 AND Class = 'G'
GROUP BY ParcelNumber
```

dbo.CustomerView_ParcelTaxInstallment

Purpose:

This view is used to retrieve the tax installments for a parcel.

This view only returns data from taxed parcels.

Fields:

Name	Description
IsRE	Indicates if Real Estate (1) or Personal Property(0)
ParcelNumber	Identifies a parcel
CreationDate	Identifies when the parcel was created. Used in conjunction with ParcelNumber to uniquely represent a piece of land when tracking parcel history.
TaxYear	Indicates the tax year that the parcel information is for.
PeriodNumber	Indicates the period of the installment. Example: With a 2-payment plan, valid values would be 1 or 2.
PeriodEndingDate	Indicates the ending date of the period specified by period number. Example: With a 2-payment plan, if PeriodNumber is 1, the PeriodEndingDate may be 20070131 (1/31/2007).
TotalAmount	The total amount of the installment.
GeneralPropertyTaxAmount	The general property tax portion of the installment.
SpecialAssessmentAmount	The special assessment portion of the installment.

Examples:

Get installments in 2006 for the parcel 002-00001-0000:

```
SELECT *
FROM CustomerView_ParcelTaxInstallment
WHERE ParcelNumber = '002000010000' AND TaxYear = 2006
```

dbo.CustomerView_ParcelTaxDetail

Purpose:

This view is used to retrieve the taxes for a parcel. The records returned correspond to the detailed charges that are listed on a tax bill.

This view only returns data from taxed parcels.

Fields:

Name	Description
IsRE	Indicates if Real Estate (1) or Personal Property(0)
ParcelNumber	Identifies a parcel
CreationDate	Identifies when the parcel was created.
	Used in conjunction with ParcelNumber to uniquely represent a piece of land when tracking parcel history.
TaxYear	Indicates the tax year that the parcel information is for.
Type	The type of tax.
	Valid Values:
	GPT = general property tax (less any applicable general property tax credit)
	GPC = general property tax credit
	LC = lottery credit
	SA = special assessment
	SC = special charge
	DC = delinquent utility charge
	OT = occupational tax (personal property only)
	WTL = woodland tax law (real estate only)
	PFC = private forest crop (real estate only)
	MFL = managed forest land (real estate only)
	OTH = other charge. Sometimes used for foreclosure charges. (real estate only).
Description	The description of the tax.
	Examples:
	STATE OF WISCONSIN
	SNOW REMOVAL
Amount	The amount of the tax or credit.

Examples:

Get taxes and credits in 2006 for the parcel 002-00001-0000:

```sql
SELECT *
FROM CustomerView_ParcelTaxDetail
WHERE ParcelNumber = '002000010000' AND TaxYear = 2006
```

dbo.CustomerView_ParcelTaxSummary

Purpose:

This view is used to retrieve the taxes for a parcel. Unlike CustomerView_TaxDetail, this view sums the amounts for the different types of taxes.

This view only returns data from taxed parcels.

Fields:

Name	Description
IsRE	Indicates if Real Estate (1) or Personal Property(0)
ParcelNumber	Identifies a parcel
CreationDate	Identifies when the parcel was created.
	Used in conjunction with ParcelNumber to uniquely represent a piece of land when tracking parcel history.
TaxYear	Indicates the tax year that the parcel information is for.
Type	The type of tax.
	Valid Values:
	GPT = general property tax (less any applicable general property tax credit)
	GPC = general property tax credit
	LC = lottery credit
	SA = special assessment
	SC = special charge
	DC = delinquent utility charge
	OT = occupational tax (personal property only)
	WTL = woodland tax law (real estate only)
	PFC = private forest crop (real estate only)
	MFL = managed forest land (real estate only)
	OTH = other charge. Sometimes used for foreclosure charges. (real estate only).
AmountTotal	The sum of the selected taxes

Examples:

Get the tax totals by type for the 2006 taxes for the parcel 002-00001-0000:

```
SELECT Type, AmountTotal
FROM CustomerView_ParcelTaxSummary
WHERE ParcelNumber = '002000010000' AND TaxYear = 2006
```

dbo.CustomerView_ParcelTaxPaymentDetail

Purpose:

This view is used to retrieve the payments for a parcel.

Note that payments can be positive or negative. For example payments that are voids contain negative amounts.

This view only returns data from taxed parcels.

This view does not include unposted batch payments.

Fields:

Name	Description
IsRE	Indicates if Real Estate (1) or Personal Property(0)
ParcelNumber	Identifies a parcel
CreationDate	Identifies when the parcel was created.
	Used in conjunction with ParcelNumber to uniquely represent a piece of land when tracking parcel history.
TaxYear	Indicates the tax year that the parcel information is for.
PaymentType	The type of payment.
	Valid Values:
	T= tax
	R = redemption
	V = void
	A = adjustment
	L = lottery credit
PaymentSource	Where the payment was taken.
	Valid Values:
	M = municipality
	C = county
PaymentDate	The date the payment was taken
ReceiptNumber	The receipt number of the payment.
	Note- it is zero for payment types V, A, and L.
Amount	The total amount of the payment
GeneralPropertyTax	The amount of the payment paid towards General Property Taxes.
SpecialAssessment	The amount of the payment paid towards Special Assessments
SpecialCharge	The amount of the payment paid towards Special Charges
DelinquentUtilityCharge	The amount of the payment paid towards Delinquent Utility Charges.

PrivateForestCrop	The amount of the payment paid towards Private Forest Crop taxes. (real estate only)
WoodlandTaxLaw	The amount of the payment paid towards Woodland Tax Law taxes. (real estate only)
ManagedForestLand	The amount of the payment paid towards Managed Forest Land Taxes. (real estate only)
Occupational	The amount of the payment paid towards Occupational Taxes. (personal property only)
Interest	The amount of the payment paid towards interest.
Penalty	The amount of the payment paid towards penalty.
GeneralPropertyTaxInterest	The amount of the payment paid towards the General Property Tax portion of interest.
SpecialTaxesInterest	The amount of the payment paid towards the Special Assessment portion of interest.
GeneralPropertyTaxPenalty	The amount of the payment paid towards the General Property Tax portion of penalty.
SpecialTaxesPenalty	The amount of the payment paid towards the Special Assessment portion of penalty.
OtherCharge	The amount of the payment paid towards Other Charges such as foreclosure charges.

Examples:

Select payments for the 2006 taxes of parcel '002000010000'.

```sql
SELECT *
FROM CustomerView_ParcelTaxPaymentDetail
WHERE ParcelNumber = '002000010000' AND TaxYear = 2006
```

dbo.CustomerView_ParcelTaxPaymentSummary

Purpose:

This view is used to retrieve the sum of payments for a parcel.

Note that payments can be positive or negative. For example payments that are voids contain negative amounts.

This view only returns data from taxed parcels.

This view does not reflect unposted batch payments.

Fields:

Name	Description
IsRE	Indicates if Real Estate (1) or Personal Property(0)
ParcelNumber	Identifies a parcel
CreationDate	Identifies when the parcel was created. Used in conjunction with ParcelNumber to uniquely represent a piece of land when tracking parcel history.
TaxYear	Indicates the tax year that the parcel information is for.
AmountTotal	The total amount of the payment
GeneralPropertyTaxTotal	The amount of the payment paid towards General Property Taxes.
SpecialAssessmentTotal	The amount of the payment paid towards Special Assessments
SpecialChargeTotal	The amount of the payment paid towards Special Charges
DelinquentUtilityChargeTotal	The amount of the payment paid towards Delinquent Utility Charges.
PrivateForestCropTotal	The amount of the payment paid towards Private Forest Crop taxes. (real estate only)
WoodlandTaxLawTotal	The amount of the payment paid towards Woodland Tax Law taxes. (real estate only)
ManagedForestLandTotal	The amount of the payment paid towards Managed Forest Land Taxes. (real estate only)
OccupationalTotal	The amount of the payment paid towards Occupational Taxes. (personal property only)
InterestTotal	The amount of the payment paid towards interest.
PenaltyTotal	The amount of the payment paid towards penalty.
GeneralPropertyTaxInterestTotal	The amount of the payment paid towards the General Property Tax portion of interest.
SpecialTaxesInterestTotal	The amount of the payment paid towards the Special Assessment portion of interest.
GeneralPropertyTaxPenaltyTotal	The amount of the payment paid towards the General Property Tax portion of penalty.
SpecialTaxesPenaltyTotal	The amount of the payment paid towards the Special Assessment portion of penalty.
OtherChargeTotal	The amount of the payment paid towards Other Charges such as foreclosure charges.

Examples:

Get the total payments for the 2006 taxes of parcel '002000010000'.

```sql
SELECT *
FROM CustomerView_ParcelTaxPaymentSummary
WHERE ParcelNumber = '002000010000' AND TaxYear = 2006
```

dbo.CustomerView_ParcelParent

Purpose:

This view is used to identify the parcels that are parents of a parcel.   This is used to trace through a parcel's history of splits and merges, therefore it doesn't use tax year.

This view is not applicable for personal property.

Fields:

Name	Description
ParcelNumber	Identifies a parcel
CreationDate	Identifies when the parcel was created.
	Used in conjunction with ParcelNumber to uniquely represent a piece of land when tracking parcel history.
ParentParcelNumber	The parcel number of the parent parcel.
ParentCreationDate	The creation date of the parent parcel.

Examples:

Get the parent parcel(s) of parcel 002-00001-0000 which was created on 5/12/2003:

```
SELECT *
FROM CustomerView_ParcelParent
WHERE ParcelNumber = '002000010000' AND CreationDate = '20030512'
```

dbo.CustomerView_ParcelChild

Purpose:

This view is used to identify the parcels that are children of a parcel.   This is used to trace through a parcel's history of splits and merges, therefore it doesn't use tax year.

This view is not applicable for personal property.

Fields:

Name	Description
ParcelNumber	Identifies a parcel
CreationDate	Identifies when the parcel was created.
	Used in conjunction with ParcelNumber to uniquely represent a piece of land when tracking parcel history.
ChildParcelNumber	The parcel number of the child parcel.
ChildCreationDate	The creation date of the child parcel.

Examples:

Get the child parcel(s) of parcel 002-00001-0000 which was created on 8/13/1999:

```sql
SELECT *
FROM CustomerView_ParcelChild
WHERE ParcelNumber = '002000010000' AND CreationDate = '19990813'
```

Permit View Detailed Descriptions

Here is a list of each Permit Tracking View and the fields they contain. You'll note that each View contains Application Prefix, Application Number, Application Type and Year. You can use this set of fields to join any one view to another.

dbo.CustomerView_Application

Fields:

Name	Description
ApplicationNumberPrefix	Application Number Prefix
ApplicationNumber	Application Number
ApplicationType	Application Type Name
ApplicationYear	Application Year
IssueNumberPrefix	Issue Number Prefix
IssueNumber	Issue Number (0 if not assigned)
IssuedDate	The issued date
ExpirationDate	the expiration date
ReviewDate	the review date
IssuedBy	issued by first and Last name
FeeTotal	total of all fees
FeePaid	total of all payments
Comments	application comments
ApplicationStatus	application status code
DepartmentCode	department code
DepartmentName	department name
PrimaryParcelParcelNumber	Primary Parcel, Parcel Number (blank if temporary parcel)
PrimaryParcelAlternateParcelNumber	Primary Parcel, Alternate Parcel Number (blank if temporary parcel)
PrimaryParcelCreationDate	Primary Parcel, Creation Date (blank if temporary parcel)
PrimaryParcelTaxYear	Primary Parcel, Tax Year (0 if temporary parcel)
PrimaryParcelSelectPropertyAddressStreetName	Primary Parcel's Selected Property Address for Application, Street Name (blank if temporary parcel)
PrimaryParcelSelectPropertyAddressPrefixDirection	Primary Parcel's Selected Property Address for Application, Prefix Direction (blank if temporary parcel)

PrimaryParcelSelectPropertyAddressStreetType	Primary Parcel's Selected Property Address for Application, Street Type (blank if temporary parcel)
PrimaryParcelSelectPropertyAddressSuffixDirection	Primary Parcel's Selected Property Address for Application, Suffix Direction (blank if temporary parcel)
PrimaryParcelSelectPropertyAddressHouseNumber	Primary Parcel's Selected Property Address for Application, House Number (blank if temporary parcel)
PrimaryParcelSelectPropertyAddressHouseNumberSuffix	Primary Parcel's Selected Property Address for Application, House Number Suffix (blank if temporary parcel)
PrimaryParcelSelectPropertyAddressUnitNumber	Primary Parcel's Selected Property Address for Application, Unit Number (blank if temporary parcel)
PrimaryParcelSelectPropertyAddressUnitType	Primary Parcel's Selected Property Address for Application, Unit Type (blank if temporary parcel)
PrimaryParcelSelectPropertyAddressPostOffice	Primary Parcel's Selected Property Address for Application, Post Office (blank if temporary parcel)
PrimaryParcelSelectPropertyAddressZipCode	Primary Parcel's Selected Property Address for Application, Zip Code (blank if temporary parcel)
PrimaryParcelSelectPropertyAddressZipCodeExtension	Primary Parcel's Selected Property Address for Application, Zip Code Extension (blank if temporary parcel)
PrimaryParcelSelectPropertyAddressNotes	Primary Parcel's Selected Property Address for Application, Notes (blank if temporary parcel)
TemporaryParcelParcelNumber	Temporary Parcel, Parcel Number (blank if connected to real parcel)
TemporaryParcelAlternateParcelNumber	Temporary Parcel, Alternate Parcel Number (blank if connected to real parcel)
TemporaryParcelPropertyAddress	Temporary Parcel, Property Address (blank if connected to real parcel)

Examples:

Get the permits issued in 2013.

```
SELECT *
FROM CustomerView_Application
WHERE ApplicationYear = 2013
```

dbo.CustomerView_ApplicationActivity

Fields:

Name	Description
ApplicationNumberPrefix	Application Number Prefix
ApplicationNumber	Application Number
ApplicationType	Application Type Name
ApplicationYear	Application Year
ActivitySource	Activity Source
ActivityType	Activity Type Name
ActivityName	Activity Name
ActivityComments	Activity Comments
ActivityStatusCode	Activity Status Code
ActivityStatusDescription	Activity Status Description
ActivityDate	Activity Date
ActivityReference	Activity Reference
ActivityPersonFirstName	Activity Person, First Name
ActivityPersonLastName	Activity Person, Last Name
ActivityPersonAttention	Activity Person, Attention
ActivityPersonStreetAddress1	Activity Person, Street Address 1
ActivityPersonStreetAddress2	Activity Person, Street Address 2
ActivityPersonCity	Activity Person, City
ActivityPersonState	Activity Person, State
ActivityPersonZipCode	Activity Person, Zip Code
ActivityPersonZipCodeExtension	Activity Person, Zip Code Extension
ActivityPersonPhoneNumber	Activity Person, Phone Number
ActivityPersonAlternatePhoneNumber	Activity Person, Alternate Phone Number
ActivityPersonFaxNumber	Activity Person, Fax Number
ActivityPersonKeepConfidential	Activity Person, Keep Confidential (1 = true, 0 = false)
ActivityPersonCompanyName	Activity Person Company, Name
ActivityPersonCompanyDBAName	Activity Person Company, (D)oing (B)usiness (A)s Name

ActivityPersonCompanyStreetAddress1	Activity Person Company, Street Address 1
ActivityPersonCompanyStreetAddress2	Activity Person Company, Street Address 2
ActivityPersonCompanyCity	Activity Person Company, City
ActivityPersonCompanyState	Activity Person Company, State
ActivityPersonCompanyZipCode	Activity Person Company, Zip Code
ActivityPersonCompanyZipCodeExtension	Activity Person Company, Zip Code Extension
ActivityPersonCompanyPhoneNumber	Activity Person Company, Phone Number
ActivityPersonCompanyAlternatePhoneNumber	Activity Person Company, Alternate Phone Number
ActivityPersonCompanyFaxNumber	Activity Person Company, Fax Number
ActivityPersonCompanySicCode	Activity Person Company, Sic Code
ActivityPersonCompanyNAICSCode	Activity Person Company, NAICS Code
ActivityPersonCompanyBusinessCategory	Activity Person Company, Business Category

Examples:

Get a list of activities for the Activity Person Jon Smith

```
SELECT *
FROM CustomerView_ApplicationActivity
WHERE ActivityPersonFirstName = 'JON' AND ActivityPersonLastName = 'SMITH'
```

dbo.CustomerView_ApplicationCheckList

Fields:

Name	Description
ApplicationNumberPrefix	Application Number Prefix
ApplicationNumber	Application Number
ApplicationType	Application Type Name
ApplicationYear	Application Year
CheckListName	Check List Name
CheckListDescription	Check List Description
Complete	Check List Complete (1 = true, 0 = false)

Examples:

Get a list of checked items from a checklist

```sql
SELECT *
FROM CustomerView_ApplicationCheckList
WHERE CheckListName = 'ckbZoningRequirements' AND Complete = 1
```

dbo.CustomerView_ApplicationFeeDetail

Fields:

Name	Description
ApplicationNumberPrefix	Application Number Prefix
ApplicationNumber	Application Number
ApplicationType	Application Type Name
ApplicationYear	Application Year
FeeName	Fee Name
FeeDescription	Fee Description
FeeAccountNumber	Fee Account Number
FeeDueDate	Fee Due Date
FeeTotalAmount	Fee Total Amount
FeePaidDate	Fee Paid Date

Examples:

Get a list of fees for a Sanitary Permit by Application Number

```sql
SELECT *
FROM CustomerView_ApplicationFeeDetail
WHERE ApplicationNumber = 5773 AND ApplicationType = 'Sanitary'
```

dbo.CustomerView_ApplicationFormDetail

Fields:

Name	Description
ApplicationNumberPrefix	Application Number Prefix
ApplicationNumber	Application Number
ApplicationType	Application Type Name
ApplicationYear	Application Year
FormFieldName	Form Field Name
FormFieldValue	Form Field Value

Examples:

Get a list of form data for a Zoning Application by Application Prefix and Number

```sql
SELECT *
FROM CustomerView_ApplicationFormDetail
WHERE ApplicationNumberPrefix = '2014' AND ApplicationNumber = 5773 AND ApplicationType = 'Zoning'
```

dbo.CustomerView_ApplicationNote

Fields:

Name	Description
ApplicationNumberPrefix	Application Number Prefix
ApplicationNumber	Application Number
ApplicationType	Application Type Name
ApplicationYear	Application Year
NoteDate	Note Date
Note	Note

Examples:

Get a list of note data for a Zoning Application by Application Prefix and Number

```
SELECT *
FROM CustomerView_ApplicationNote
WHERE ApplicationNumberPrefix = '2014' AND ApplicationNumber = 5773 AND ApplicationType = 'Zoning'
```

dbo.CustomerView_ApplicationParcel

Fields:

Name	Description
ApplicationNumberPrefix	Application Number Prefix
ApplicationNumber	Application Number
ApplicationType	Application Type Name
ApplicationYear	Application Year
PrimaryParcel	Parcel is Primary Application Parcel (1 = true, 0 = false)
IsRE	Parcel is Real Estate (1 = true, 0 = false)
ParcelNumber	Parcel Number
CreationDate	Parcel Creation Date
TaxYear	Parcel Tax Year
SelectPropertyAddressStreetName	Parcel's Selected Property Address for Application, Street Name
SelectPropertyAddressPrefixDirection	Parcel's Selected Property Address for Application, Prefix Direction
SelectPropertyAddressStreetType	Parcel's Selected Property Address for Application, Street Type
SelectPropertyAddressSuffixDirection	Parcel's Selected Property Address for Application, Suffix Direction
SelectPropertyAddressHouseNumber	Parcel's Selected Property Address for Application, House Number
SelectPropertyAddressHouseNumberSuffix	Parcel's Selected Property Address for Application, House Number Suffix
SelectPropertyAddressUnitNumber	Parcel's Selected Property Address for Application, Unit Number
SelectPropertyAddressUnitType	Parcel's Selected Property Address for Application, Unit Type
SelectPropertyAddressPostOffice	Parcel's Selected Property Address for Application, Post Office
SelectPropertyAddressZipCode	Parcel's Selected Property Address for Application, Zip Code
SelectPropertyAddressZipCodeExtension	Parcel's Selected Property Address for Application, Zip Code Extension
SelectPropertyAddressNotes	Parcel's Selected Property Address for Application, Notes

Examples:

Get a list of permits assigned to a specific parcel number

```
SELECT *
FROM CustomerView_ApplicationParcel
WHERE ParcelNumber = '002000010000'
```

dbo.CustomerView_ApplicationPaymentDetail

Fields:

Name	Description
ApplicationNumberPrefix	Application Number Prefix
ApplicationNumber	Application Number
ApplicationType	Application Type Name
ApplicationYear	Application Year
PaymentDate	Payment Date
ReceiptNumberPrefix	Receipt Number Prefix
ReceiptNumber	Receipt Number
PaymentAmount	Payment Amount
PaymentMedia	Payment Media Name
ReferenceNumber	Reference Number

Examples:

Get a list of payments made on June 3, 2012.

```
SELECT *
FROM CustomerView_ApplicationPaymentDetail
WHERE PaymentDate = '2012-06-03'
```

dbo.CustomerView_ApplicationPerson

Fields:

Name	Description
ApplicationNumberPrefix	Application Number Prefix
ApplicationNumber	Application Number
ApplicationType	Application Type Name
ApplicationYear	Application Year
ApplicationPersonType	Application Person Type Name
ApplicationPersonFirstName	Application Person, First Name
ApplicationPersonLastName	Application Person, Last Name
ApplicationPersonAttention	Application Person, Attention
ApplicationPersonStreetAddress1	Application Person, Street Address 1
ApplicationPersonStreetAddress2	Application Person, Street Address 2
ApplicationPersonCity	Application Person, City
ApplicationPersonState	Application Person, State
ApplicationPersonZipCode	Application Person, Zip Code
ApplicationPersonZipCodeExtension	Application Person, Zip Code Extention
ApplicationPersonPhoneNumber	Application Person, Phone Number
ApplicationPersonAlternatePhoneNumber	Application Person, Alternate Phone Number
ApplicationPersonFaxNumber	Application Person, Fax Number
ApplicationPersonKeepConfidential	Application Person, Keep Confidential (1 = true, 0 = false)
ApplicationPersonCompanyName	Application Person Company, Name
ApplicationPersonCompanyDBAName	Application Person Company, (D)oing (B)usiness (A)s Name
ApplicationPersonCompanyStreetAddress1	Application Person Company, Street Address 1
ApplicationPersonCompanyStreetAddress2	Application Person Company, Street Address 2
ApplicationPersonCompanyCity	Application Person Company, City
ApplicationPersonCompanyState	Application Person Company, State
ApplicationPersonCompanyZipCode	Application Person Company, Zip Code
ApplicationPersonCompanyZipCodeExtension	Application Person Company, Zip Code Extention
ApplicationPersonCompanyPhoneNumber	Application Person Company, Phone Number

ApplicationPersonCompanyAlternatePhoneNumber	Application Person Company, Alternate Phone Number
ApplicationPersonCompanyFaxNumber	Application Person Company, Fax Number
ApplicationPersonCompanySicCode	Application Person Company, Sic Code
ApplicationPersonCompanyNAICSCode	Application Person Company, NAICS Code
ApplicationPersonCompanyBusinessCategory	Application Person Company, Business Category

Examples:

Get a list of people associated with a Zoning Permit by Application Number and Application Type.

```sql
SELECT *
FROM CustomerView_ApplicationPerson
WHERE ApplicationNumberPrefix = '2014' AND ApplicationNumber = 5773 AND ApplicationType = 'Zoning'
```

dbo.CustomerView_TempoaryParcel

Fields:

Name	Description
ApplicationNumberPrefix	Application Number Prefix
ApplicationNumber	Application Number
ApplicationType	Application Type Name
ApplicationYear	Application Year
TemporaryParcelParcelNumber	Temporary Parcel, Parcel Number
TemporaryParcelAlternateParcelNumber	Temporary Parcel, Alternate Parcel Number
TemporaryParcelOwnerName	Temporary Parcel, Owner Name
TemporaryParcelPropertyAddress	Temporary Parcel, Property Address
TemporaryParcelLegalDescription	Temporary Parcel, Legal Description

Examples:

Get a list of Temporary Parcels for the 2013 Year.

```
SELECT *
FROM CustomerView_TemporaryParcel
WHERE ApplicationYear = 2014
```

Survey View Detailed Descriptions

dbo.CustomerView_SurveyProperty
Purpose:
This view is used to retrieve the property description(s) for a survey document.

Fields:

Name	Description
DocumentIndex	Indicates index (will always be survey)
DocumentNumber	Identifies survey document number
DateRecorded	Identifies when the document was recorded
Notes	Notes entered about survey document
Confidential	Identifies if the document has been flagged as confidential
ParcelNumber	Indicates parcel number associated with survey
MunicipalityCode	Indicates municipality code of property description
PlatType	The type of land description
PlatCode	The county-defined code that indicates the plat where the parcel resides
PlatDescription	The name of the plat where the parcel resides
Block	The block of the plat where the parcel resides
LotType	The type lot (e.g. LOT, OUTLOT, GREENSPACE)
Lot	The lot of the plat where the parcel resides
Section	Part of the tract
Township	Part of the tract
TownshipDirection	Part of the tract
Range	Part of the tract
RangeDirection	Part of the tract
Quarter40	Part of the tract (Quarter Quarter)
Quarter160	Part of the tract
HalfRange	Part of the tract

Examples:
Get a list of survey document properties for plat code 32.

```
SELECT *
FROM CustomerView_SurveyProperty
WHERE PlatCode = '32'
```

dbo.CustomerView_SurveyName

Purpose:

This view is used to retrieve the property owners and/or surveyors for a survey document.

Fields:

Name	Description
DocumentIndex	Indicates index (will always be survey)
DocumentNumber	Identifies survey document number
NamePrefix	Identifies name prefix (e.g. DR)
FirstName	Identifies the first name
MiddleName	Identifies the middle name
LastName	Identifies the last name
NameExtension	Identifies the name extension (e.g. JR)
Type	Identifies the type of person (PROPERTY OWNER or SURVEYOR)

Examples:

Get a list of people by Document Number.

```sql
SELECT *
FROM CustomerView_SurveyName
WHERE DocumentNumber = '      5001'
```

Combining Views

You may combine data from multiple views using SQL joins.

Examples

Here is an example that retrieves parcels and current owners for parcels on the 2005 Real Estate Tax Roll for Municipality 002.

```sql
SELECT CustomerView_Parcel.ParcelNumber, LastName, FirstName, OwnerStatus
FROM CustomerView_Parcel INNER JOIN CustomerView_ParcelOwner
ON (CustomerView_Parcel.ParcelNumber = CustomerView_ParcelOwner.ParcelNumber)
AND (CustomerView_Parcel.TaxYear = CustomerView_ParcelOwner.TaxYear)
WHERE CustomerView_Parcel.IsRE = 1 AND IsTaxed = 1 AND MunicipalityCode = '002'
AND CustomerView_Parcel.TaxYear = 2005
AND CustomerView_ParcelOwner.OwnerStatus <> 'FORMER OWNER'
ORDER BY CustomerView_Parcel.ParcelNumber
```

Here is an example that retrieves 2005 sanitary permits and their associated activities.

```sql
SELECT CustomerView_Application.ApplicationNumberPrefix, CustomerView_Application.ApplicationNumber,
CustomerView_Application.ApplicationType,
CustomerView_Application.ApplicationYear, IssueNumber, ApplicationStatus, ActivityType, ActivityName,
ActivityStatusCode, ActivityDate
FROM CustomerView_Application INNER JOIN CustomerView_ApplicationActivity ON
(CustomerView_Application.ApplicationNumberPrefix = CustomerView_ApplicationActivity.ApplicationNumberPrefix) AND
(CustomerView_Application.ApplicationNumber = CustomerView_ApplicationActivity.ApplicationNumber) AND
(CustomerView_Application.ApplicationType = CustomerView_ApplicationActivity.ApplicationType) AND
(CustomerView_Application.ApplicationYear = CustomerView_ApplicationActivity.ApplicationYear)
WHERE CustomerView_Application.ApplicationType = 'Sanitary Permit' AND
CustomerView_Application.ApplicationYear = 2005
```

Here is an example that retrieves parcel, ownership, valuation and application information for the 2005 Real Estate parcel 002-00001-0000. Note the red text below shows how one connects **Parcel Views** to **Application Views**.

```sql
SELECT CustomerView_ParcelOwner.isRE, CustomerView_ParcelOwner.ParcelNumber, CustomerView_ParcelOwner.TaxYear,
OwnerStatus, LastName, FirstName
Class, Code, CustomerView_ParcelValuation.[Description], Acres, LandValue, ImprovementValue, ApplicationNumberPrefix,
ApplicationNumber, ApplicationType, ApplicationStatus
FROM CustomerView_ParcelOwner INNER JOIN CustomerView_ParcelValuation
ON (CustomerView_ParcelOwner.ParcelNumber = CustomerView_ParcelValuation.ParcelNumber)
AND (CustomerView_ParcelOwner.TaxYear = CustomerView_ParcelValuation.TaxYear)
INNER JOIN CustomerView_Application
ON (CustomerView_ParcelOwner.ParcelNumber = PrimaryParcelParcelNumber)
AND (CustomerView_ParcelOwner.CreationDate = PrimaryParcelCreationDate)
AND (CustomerView_ParcelOwner.TaxYear = PrimaryParcelTaxYear)
AND (CustomerView_ParcelOwner.IsRE = 1)
WHERE CustomerView_ParcelOwner.ParcelNumber = '002000010000' AND CustomerView_ParcelOwner.TaxYear = 2005 AND
OwnerStatus = 'CURRENT OWNER'
```