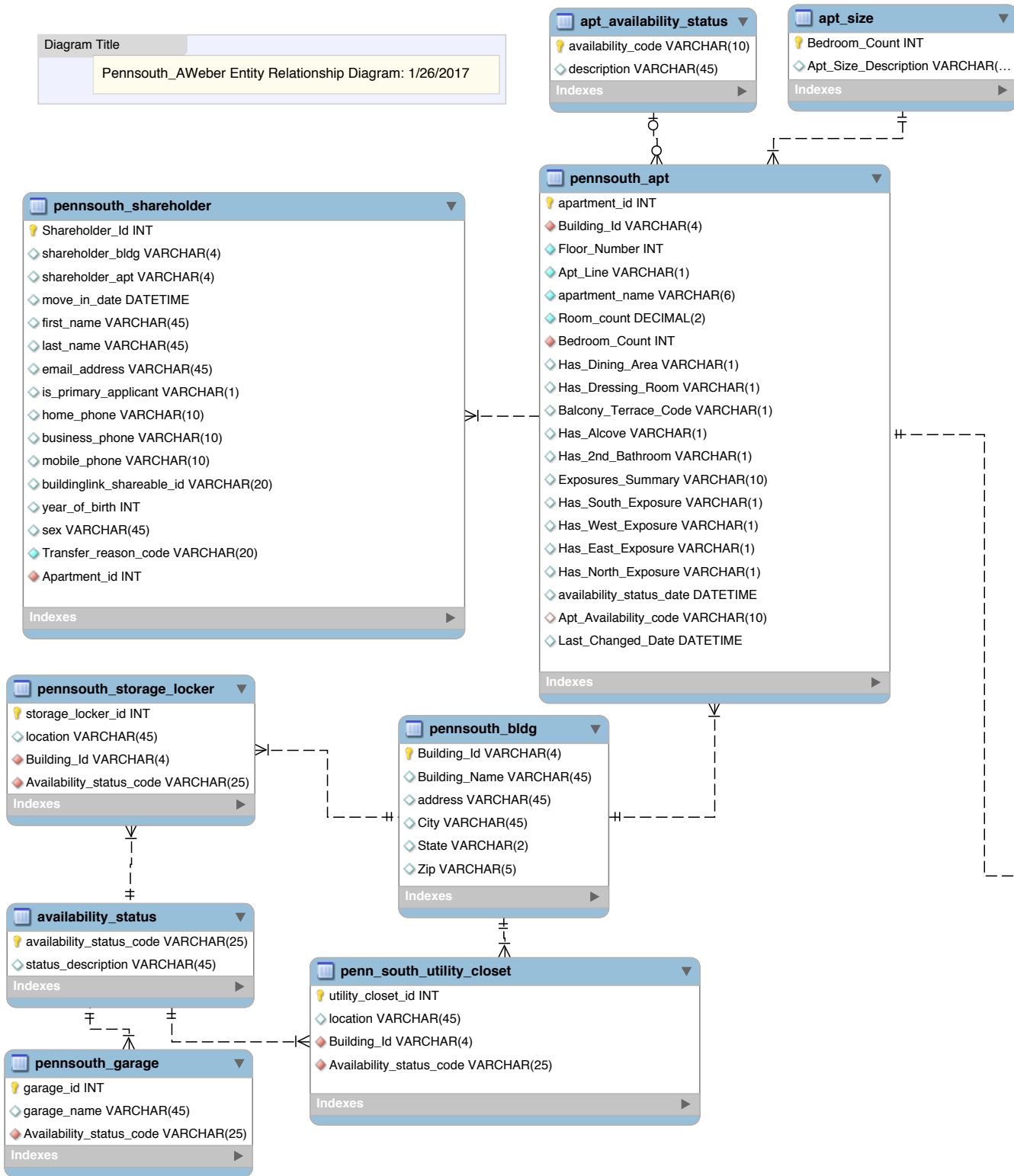


Diagram Title

Pennsouth\_AWeber Entity Relationship Diagram: 1/26/2017



#### AWeber / MDS Synchronization Tables

Nightly Job will populate MDS\_Export table from the MDS Export CSV file.  
Then the job will delete and repopulate the following table from the MDS\_Export table:  
- Pennsouth\_Resident <- This table will contain at least one row for in the MDS\_Export table. Where MDS\_Export has multiple email addresses in one row, up to 3 rows will be inserted into the Pennsouth\_Resident table, one for each email address.  
The pennsouth\_resident table is used by the MDS to Aweber update program to compare resident information stored in Aweber.com with the nightly export of data from MDS, and update Aweber from MDS where differences are found.

pennsouth_resident
Pennsouth_Resident_id INT
Pennsouth_Apt_apartment_id INT
Building VARCHAR(2)
Floor_Number INT
Apt_Line VARCHAR(1)
Last_Name VARCHAR(45)
First_Name VARCHAR(45)
Email_Address VARCHAR(70)
MDS_Resident_Category VARCHAR(45)
Daytime_Phone VARCHAR(20)
Evening_Phone VARCHAR(20)
Cell_Phone VARCHAR(20)
Fax VARCHAR(20)
Office_Phone VARCHAR(20)
Person_Id VARCHAR(20)
Toddler_Room_Member VARCHAR(1)
Youth_Room_Member VARCHAR(1)
Ceramics_Member VARCHAR(1)
Woodworking_Member VARCHAR(1)
Gym_Member VARCHAR(1)
Garden_Member VARCHAR(1)
Decal_Num INT
Parking_Lot_Location VARCHAR(5)
Vehicle_Reg_Exp_Date DATETIME
Vehicle_Reg_Exp_Countdown INT
vehicle_reg_interval_remaining INT
vehicle_model VARCHAR(35)
vehicle_license_plate_num VARCHAR(8)
Homeowner_Ins_Exp_Date DATETIME
Homeowner_Ins_Exp_Countdown INT
homeowner_ins_interval_remaining INT
Birth_Date DATETIME
Move_In_Date DATETIME
Storage_Locker_Closet_Bldg_Num VARCHAR(20)
Storage_Locker_Num VARCHAR(10)
Storage_Closet_Floor_Num VARCHAR(2)
Dog_Tag_Num VARCHAR(20)
Is_Dog_In_Apt VARCHAR(1)
Bike_Rack_Location VARCHAR(10)
Bike_Rack_Bldg VARCHAR(2)
Bike_Rack_Room VARCHAR(2)
Last_Changed_Date DATETIME

mds_export
Mds_export_id INT
Building VARCHAR(2)
MDS_Apt VARCHAR(4)
Floor_Number INT
Apt_Line VARCHAR(1)
First_Name VARCHAR(45)
Last_Name VARCHAR(45)
Email_Address VARCHAR(70)
Category VARCHAR(45)
Daytime_Phone VARCHAR(20)
Evening_Phone VARCHAR(20)
Cell_Phone VARCHAR(20)
Fax VARCHAR(20)
Tenant_Id VARCHAR(20)
Person_Id VARCHAR(20)
Date_Of_Birth DATETIME
Decal_Num VARCHAR(5)
Vehicle_Reg_Exp_Date DATETIME
vehicle_model VARCHAR(35)
vehicle_license_plate_num VARCHAR(8)
Homeowner_Insurance_Exp_Date DATETIME
Storage_Locker_Closet_Bldg_Num VARCHAR(20)
Storage_Locker_Num VARCHAR(10)
Storage_Closet_Floor_Num VARCHAR(2)
Dog_Tag_Num VARCHAR(20)
Bike_Rack_Location VARCHAR(10)
Bike_Rack_Bldg VARCHAR(2)
Bike_Rack_Room VARCHAR(2)
Office_Phone VARCHAR(20)
Status_Codes VARCHAR(45)
Standard_Lockbox_Tenant_Id VARCHAR(45)
Move_In_Date DATETIME
Toddler_Room_Member VARCHAR(1)
Youth_Room_Member VARCHAR(1)
Ceramics_Member VARCHAR(1)
Garden_Member VARCHAR(1)
Woodworking_Member VARCHAR(1)
Gym_Member VARCHAR(1)
Last_Changed_Date DATETIME

The aweber\_mds\_sync\_audit table stores an audit trail of MDS to Aweber updates/inserts.  
It also stores a list of Aweber email addresses that are not found in MDS.

aweber_mds_sync_audit
Sync_Audit_Id INT
Aweber_Subscriber_List_Name VARCHAR(32)
Subscriber_Email_Address VARCHAR(100)
Update_Action VARCHAR(45)
Mds_Building VARCHAR(2)
Mds_Floor_Number INT
Mds_Apt_Line VARCHAR(1)
Mds_Resident_First_Name VARCHAR(40)
Mds_Resident_Last_Name VARCHAR(40)
Aweber_Building VARCHAR(2)
Aweber_Floor_Number INT
Aweber_Apt_Line VARCHAR(1)
Aweber_Subscriber_Name VARCHAR(90)
Action_Reason VARCHAR(350)
Aweber_Subscriber_Status VARCHAR(20)
Aweber_Subscribed_At DATETIME
Aweber_Unsubscribed_At DATETIME
Aweber_Subscription_Method VARCHAR(30)
Mds_Toddler_Rm_Member VARCHAR(1)
Mds_Youth_Rm_Member VARCHAR(1)
Mds_Ceramics_Member VARCHAR(1)
Mds_Woodworking_Member VARCHAR(1)
Mds_Gym_Member VARCHAR(1)
Mds_Garden_Member VARCHAR(1)
Mds_Parking_Lot_Location VARCHAR(5)
Mds_Vehicle_Reg_interval_remaining INT
Mds_Homeowner_Ins_interval_remaining INT
Mds_Storage_Lkr_Cl_Bldg VARCHAR(20)
Mds_Storage_Lkr_Num VARCHAR(10)
Mds_Storage_Cl_Floor_Num VARCHAR(2)
Mds_Is_Dog_In_Apt VARCHAR(1)
Mds_Bike_Rack_Bldg VARCHAR(2)
mds_bike_rack_room VARCHAR(2)
Mds_Bike_Rack_Location VARCHAR(10)
Mds_Resident_Category VARCHAR(45)
Aweber_Toddler_Rm_Member VARCHAR(1)
Aweber_Youth_Rm_Member VARCHAR(1)
Aweber_Ceramics_Member VARCHAR(1)
Aweber_Woodworking_Member VARCHAR(1)
Aweber_Gym_Member VARCHAR(1)
Aweber_Garden_Member VARCHAR(1)
Aweber_Parking_Lot_Location VARCHAR(5)
Aweber_Vehicle_Reg_interval_remaining INT
Aweber_Homeowner_Ins_interval_remaining INT
Aweber_Storage_Lkr_Cl_Bldg VARCHAR(20)
Aweber_Storage_Lkr_Num VARCHAR(10)
Aweber_Storage_Cl_Floor_Num VARCHAR(2)
Aweber_Is_Dog_In_Apt VARCHAR(1)
Aweber_Bike_Rack_Bldg VARCHAR(2)
aweber_bike_rack_room VARCHAR(2)
Aweber_Bike_Rack_Location VARCHAR(10)
Aweber_Resident_Category VARCHAR(45)
Last_Changed_Date DATETIME

#### Config Tables

The following are config tables:  
The email\_notify\_parameters table stores the list of email addresses to be used for automatic notification of results of MDS to Aweber update or of The aweber\_credentials table stores the OAuth credentials used to access the Aweber API.

aweber_credentials
aweber_credentials_id INT
consumer_key VARCHAR(40)
consumer_secret VARCHAR(80)
access_token VARCHAR(40)
access_secret VARCHAR(80)
last_changed_date DATE

email_notify_parameters
email_notify_parameters_id INT
report_or_process_name VARCHAR(60)
recipient_email_address VARCHAR(70)
recipient_name VARCHAR(60)
send_only_exceptions VARCHAR(1)
last_changed_date DATETIME