MEMBER

PK: MemberID  
FK: Address

PaidIN  
PaidTO

Status  
Position  
StartDate

PROPERTY\_STATUS

PK: year+autonum  
(restart autonum yearly)

AddrCode  
OwnerAtTime  
Empty  
SoldAmt  
SoldDate  
WorkPermit  
WkStDate  
WkEdDate

ADDRESS

PK: AddrCode

CurrentOwner  
Address  
ParcelID  
Class  
OriginalOwner  
DateBuilt  
ArchitecturalStyle  
LastDateStatus

EVENT  
PK: Date+Time  
FK: AddrCode  
FK: MemID  
FK: OfficerCode

EventCode

TRANSACTION

PK: Date+Time  
FK: MemID  
FK: OfficerCode

Dues  
EventCode  
Printing  
WebSupport  
OtherExp

Description

OFFICER

PK: OfficerCode  
FK: AddrCode  
FK: MemID

NickName  
LastName  
BeginDate  
EndDate  
Description

Notes on the ERD:

|  |  |
| --- | --- |
| **Event** | **EventCode** |
| Annual Meeting | AM |
| Progressive Dinner | PD |
| Neighborhood Clean Up | NC |
| Summer Freedom Picnic | SP |
| Fall Gathering | FG |
| House Walk | HW |
| Luminary Prep | LP |
| Luminary Distribution | LD |
| July 4 Flag Prep | FP |
| July 4 Flag Distribution | FD |

Priliminary Business Rules

Each address houses zero or more members.  
Each member is housed at exactly one address.

Each address involves exactly no or one event.  
Each event involves one or more addresses.

Each address lists one or more property statuses.  
Each property status lists exactly one address.

Each transaction is executed by exactly one officer.  
Each officer executes zero or more transactions.

Each transaction supports exactly one event.  
Each event is supported by one or more transactions.

Each transaction is generated by exactly one member.  
Each member generates one or more transactions.

Each officer coordinates no or more events.  
Each event is coordinated by exactly one officer.

Each officer exists as exactly one member.  
Each member exists as no or one officer.