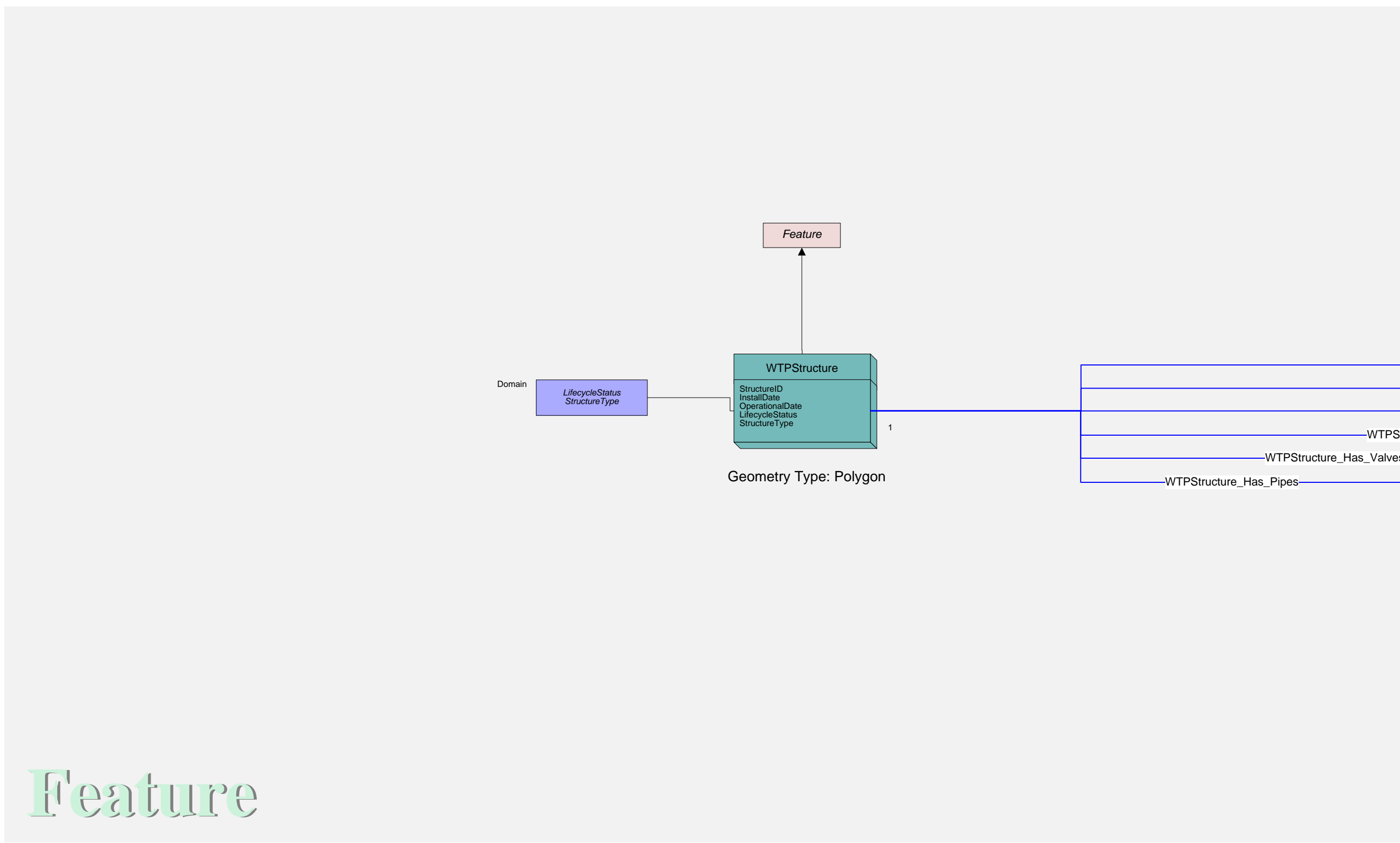


Simplified Water Treatment Plant Data Model (Conceptual)

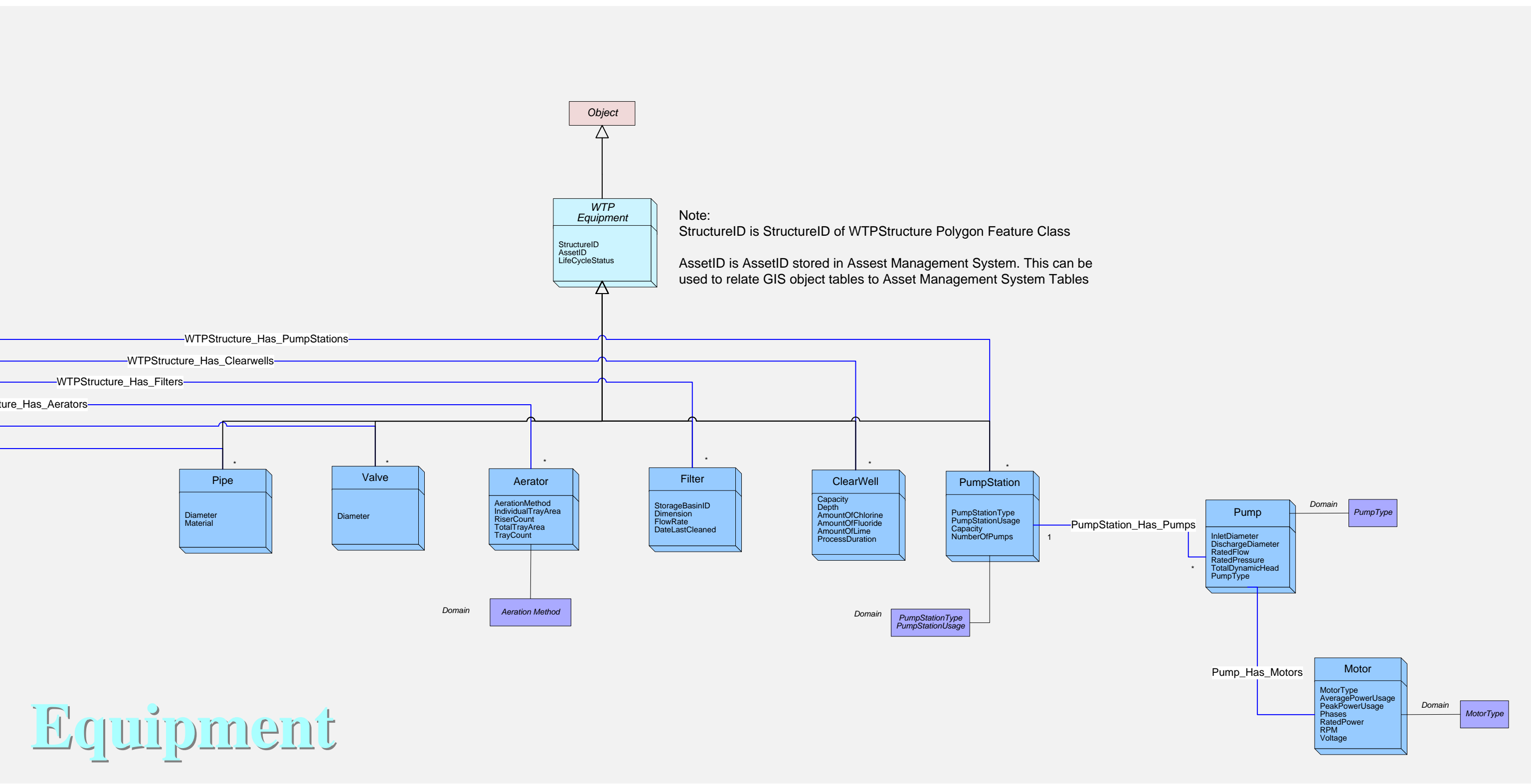
Version 1.0



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Feature

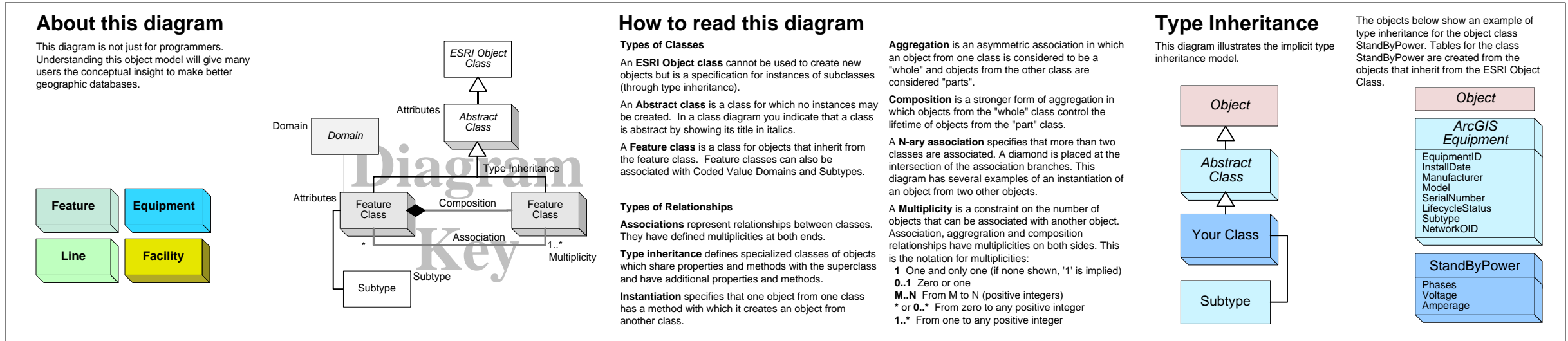


Equipment

Domains

- LifecycleStatus**
 - Domain: WTPLifecycleStatus
 - FieldType: <unspecified> = esriFieldTypeString
 - MergePolicy: <unspecified> = esriMPTDefault
 - SplitPolicy: <unspecified> = esriSPTDuplicate
 - Proposed: esriFieldTypeString = Proposed
 - Active: esriFieldTypeString = Active
 - Abandoned: esriFieldTypeString = Abandoned
 - Removed: esriFieldTypeString = Removed
- PipeMaterial**
 - Domain: WTPPipeMaterial
 - FieldType: <unspecified> = esriFieldTypeString
 - MergePolicy: <unspecified> = esriMPTDefault
 - SplitPolicy: <unspecified> = esriSPTDuplicate
 - Cast Iron: esriFieldTypeString = CI
 - Poly Vinyl Chloride: esriFieldTypeString = PVC
 - Adelstein Concrete: esriFieldTypeString = AC
 - Clay: esriFieldTypeString = Cl
 - Wood: esriFieldTypeString = Wo
 - Unknown: esriFieldTypeString = Link
 - Other: esriFieldTypeString = Oh
- AerationMethod**
 - Domain: WTPAerationType
 - FieldType: <unspecified> = esriFieldTypeString
 - MergePolicy: <unspecified> = esriMPTDefault
 - SplitPolicy: <unspecified> = esriSPTDuplicate
 - Diffused: esriFieldTypeString = Diffused
 - Spray: esriFieldTypeString = Spray
 - Aeration Cascade: esriFieldTypeString = Cascade
 - Aeration Arranging: esriFieldTypeString = Arranging
- PumpType**
 - Domain: WTPPumpType
 - FieldType: <unspecified> = esriFieldTypeString
 - MergePolicy: <unspecified> = esriMPTDefault
 - SplitPolicy: <unspecified> = esriSPTDuplicate
 - Axial Flow: esriFieldTypeString = Axial Flow
 - Centrifugal Jet: esriFieldTypeString = Jet
 - Rotary: esriFieldTypeString = Rotary
 - Screw: esriFieldTypeString = Screw
 - Turbine: esriFieldTypeString = Turbine
 - Reciprocating: esriFieldTypeString = Reciprocating
- PumpStationUsage**
 - Domain: WTPPumpStationUsage
 - FieldType: <unspecified> = esriFieldTypeString
 - MergePolicy: <unspecified> = esriMPTDefault
 - SplitPolicy: <unspecified> = esriSPTDuplicate
 - Water: esriFieldTypeString = Water
 - Chemical: esriFieldTypeString = Chemical Meter
 - Effluent: esriFieldTypeString = Effluent/Sludge
- PumpStationType**
 - Domain: WTPPumpStationType
 - FieldType: <unspecified> = esriFieldTypeString
 - MergePolicy: <unspecified> = esriMPTDefault
 - SplitPolicy: <unspecified> = esriSPTDuplicate
 - Well pit: esriFieldTypeString = Well pit
 - Dry pit: esriFieldTypeString = Dry pit
- MotorType**
 - Domain: WTPMotorType
 - FieldType: <unspecified> = esriFieldTypeString
 - MergePolicy: <unspecified> = esriMPTDefault
 - SplitPolicy: <unspecified> = esriSPTDuplicate
 - Induction: esriFieldTypeString = Induction
 - Synchronous: esriFieldTypeString = Synchronous
 - VariableSpeed: esriFieldTypeString = Variable Speed
- Diameter**
 - Domain: WTPDiameter
 - FieldType: <unspecified> = esriFieldTypeDouble
 - MergePolicy: <unspecified> = esriMPTDefault
 - SplitPolicy: <unspecified> = esriSPTDuplicate
 - Min: esriFieldTypeDouble = 1
 - Max: esriFieldTypeDouble = 48
- StructureType**
 - Domain: WTPStructureType
 - FieldType: <unspecified> = esriFieldTypeString
 - MergePolicy: <unspecified> = esriMPTDefault
 - SplitPolicy: <unspecified> = esriSPTDuplicate
 - Intake: esriFieldTypeString = Intake Structure
 - Raw: esriFieldTypeString = Raw Water Storage
 - PumpStation: esriFieldTypeString = Pump Station
 - Precipitation: esriFieldTypeString = Precipitation Basin
 - Coagulation: esriFieldTypeString = Coagulation Basin
 - Flocculation: esriFieldTypeString = Flocculation Basin
 - Clarifier: esriFieldTypeString = Clarifier
 - ClearWell: esriFieldTypeString = Clear Well
 - Sedimentation: esriFieldTypeString = Sedimentation Basin
 - Filtration: esriFieldTypeString = Filtration Basin
 - Effluent: esriFieldTypeString = Effluent Basin
 - Reservoir: esriFieldTypeString = Reservoir/Tank
 - TreatmentPlant: esriFieldTypeString = Treatment Plant
 - Laboratory: esriFieldTypeString = Laboratory
 - ChemicalBuilding: esriFieldTypeString = ChemicalBuilding
 - Administration: esriFieldTypeString = Administration Building
 - Maintenance: esriFieldTypeString = Maintenance Building
 - Other: esriFieldTypeString = Other

Line



Facility