LayerMap.G	Cover Sheet	Schem Site Plan	Site Plan (General)	Topo/Grading Plan	Storm Drainage Plan	Site Utilities Plan	Roadway/Paving Plan	Envir Protect Plan	Tree Preserv Plan	Landscape Plan	Irrigation Plan	Site Electrical Plan	Zoning/Dim Plan	Parking Plan	Site Signage Plan	Site Detl/Sched	Foundation Plan	Flr Framing Plan	Roof Framing Plan	Struct Dtl/Sched	Schem Floor Plan	Floor Plan	Demolition Plan	Finishes Plan	Refl Ceiling Plan	Furn/Equipt Plan	Roof Plan	Elevations	Int Elevations	Sections	Wall Sections	Enlarged Plans	Arch Detl/Sched	ADA Plan	Code Review Plan	Occupancy Plan	Perspective	HVAC Duct Plan	HVAC Piping Plan	HVAC Detl/Sched	Lighting RC Plan	Power/Comm Plan	Power Plan	Comm Plan	Controls Plan	Elect Detl/Sched	Plbg U/Flr Plan	Plbg Supply Plan	Plbg Plan [comb]	Plbg Detl/Sched	Sprinkler RC Plan	Alarm/Sensor Plan	Alarm Detl/Sched		
Residential Remodel	*	*	*														*	*	*	*	*	*	*		*	*	*	*	*	*	*		*				*				*	*							*						
New Residence	*	*	*													*	*	*	*	*	*	*			*	*	*	*	*	*	*		*				*				*	*							*						
Small Commercial	*	*	*							*		*				*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		*	*		*	*	*		*	*	*				*			*	*					
e Commercial/Institutional	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*		*	*	*	*		
Tenant Finish Plan	*																				*	*	*	*	*	*			*				*	*		*		*		*	*	*				*	*			*	*	*	*		
Interior Design																					*	*		*	*	*			*		*	*	*				*																		
Layers:																																																							
Mod-Guidelines																	V	V	V		V	V	V	V	V	V	V							V	V																			Planning and Control Geometry	Construction Guide Lines, Usually Non-Plot (# is floor ID number, Typical). Need toggle.
Mod-Site-Arch		A	A	G	G	G	G	G	G	G	G	G	A	A	A																																							Architect-determined Site elements	Zoning, Signage, Parking Issues
Mod-Slab-#																		V			V	V	V	V	V	V								V	V	A		V	V		V	V	V	V	V		V	V	V		V	V		Floor slab object	This layer will hold only the floor slab object. It can optionally be used for those objects which absolutely must not be owned by a wall and which have to be near the wall.
Mod-Floor-#																		V			A	A	A	A	V	A								A	A	V		V	V		V	V	V	V	V		V	V	V		V	V		All data for Floor	
Mod-Ceiling-#																									A													G	G		V										V			Ceiling and Ceiling Cavity Elements	This layer will hold HVAC elements on unified plans
Mod-Roof																			V								A																											Roof Elements	
Mod-Enlarged Plan-#																																A																						Enlarged Plan	Includes layerlink to portion of Floor-#
Mod-Elevation-#																												A																										Building Elevations	Includes various layerlink object all drawn in NonPlot
Mod-Int Elevation-#																													A																									Interior Elevations	We differentiate from Elevation-# because of scale
Mod-Section-#																														A																								Building Sections	
Mod-Wall Section-#																															A																							Wall Sections	We differentiate from Section-# because of scale
Mod-Detail-Site-#																A																																						Detail Sheet Layers	Multiple layers may be required for multiple scales.
Mod-Detail-Struct-#																				A																																		Detail Sheet Layers	Multiple layers may be required for multiple scales.
Mod-Detail-Arch-#																																	A																					Detail Sheet Layers	Multiple layers may be required for multiple scales.
Mod-Detail-HVAC-#																																								A														Detail Sheet Layers	Multiple layers may be required for multiple scales.
Mod-Detail-Elec-#																																														A								Detail Sheet Layers	Multiple layers may be required for multiple scales.
Mod-Detail-Plbg-#																																																		A				Detail Sheet Layers	Multiple layers may be required for multiple scales.
Mod-Detail-Fire-#																																																					A	Detail Sheet Layers	Multiple layers may be required for multiple scales.
Mod-3D View-#																																					A																	3D Model of LayerLinks	Unique layer; accumulates 3D information from other model layers
Mod-Foundation																	A																																					Foundation/Footings/Bsmt Walls	Footings get drawn 'down' from layer reference datum, foundation walls get drawn 'up'. (Basement floors get drawn down also as applicable) For drilled pier footing under grade beams, piers are placed at Z datum and grade beams are foundation "walls" to slab
Mod-Framing-#																		A																																				Floor Framing Information	Beams, Joists, Reinforcing, Supplemental structural plan info. This layer will be repeated for every floor.
Mod-Framing-Roof																			A																																			Roof Framing Information	Beams, Joists, Reinforcing, Supplemental structural plan info. This layer will not be repeated.
Mod-HVAC-#																																						A	A															Heating, Ventilation, Air Conditioning Systems	Blue layers are in separate files
Mod-Electrical-#																																										A	A	A	A										Power Systems	Power elements that show on floor plans
Mod-Site-Electrical												A																																										Site Power and Lightinng	
Mod-Lighting-#																									V										V						A													Lighting Systems	(Lt Fixtures will remain on the Floor layer, as the architect needs to control their location, however, the E Engineer will be able to supplement on this layer)
Mod-Plumbing-#																																															A	A	A					Plumbing piping systems	(Pl Fixtures will remain on the Floor layer, as the architect needs to control their location, however, the P engineer will be able to supplement on this layer)
Mod-Fire Safety-#																																			V																A	A		Fire Sprinkler & Alarm systems	
Mod-Site-DTMdata																																																						DTM data points	Underlying data for DTM
Mod-Site-Civil		V	V	A	A	A	A	A	V	V	V	V	V	V	V																																							Site boundary and setback information, Site utilities, Drainage, Tree survey, Topo	Right now, DTM creates two layers from a layer 'LayerName' containing 3D locus information: 'LayerName-2D' and 'LayerName-3D'. Can we get Erez to combine these and use classes for this?
Mod-Site-Landscape		V	V	G	G	G	G	V	A	A	A	G	V	G	G																																							Landscape elements	Landscaping elements
Sheet-Common	A	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Common sheet elements	Firm and project logo, project title, sheet border and layout grid. This is at project scale. Individual title block objects will be on each notation layer.
Sheet-Cover-#	V																																																					Notes-Cover Sheet (Title/Rendering)	
Sheet-SiteSD		V																																																				Notes-SD Site Plan	
Sheet-Site			V																																																			Notes-Site Plan(Genl/Residential)	"Developed" view of SiteSD (never printed simultaneously)
Sheet-SiteTopo				V																																																		Notes-Site Topo/Grading Plan	
Sheet-SiteStorm					V																																																	Notes-Site Storm Drainage Plan	
Sheet-SiteUtil						V																																															Notes-Site Utilities Plan	
Sheet-SiteRoad							V																																															Notes-Site Roadway/Paving Plan	
Sheet-SiteEnvir								V																																														Notes-Site Environmental Protection Plan	
Sheet-SiteTree									V																																													Notes-Site Tree Preservation Plan	
Sheet-Landscape										V																																												Notes-Site Landscape Plan	
Sheet-LSIrrigation											V																																											Notes-Site Irrigation Plan	
Sheet-SitePower												V																																										Notes-Site Electrical/Lighting Plan	
Sheet-SiteZoning													V																																									Notes-Site Zoning/Land Use Plan	
Sheet-SiteParking														V																																								Notes-Site Parking Plan	
Sheet-SiteSigns															V																																							Notes-Site Signage Plan	
Sheet-SiteDetail-#																V																																						Notes-Site Details	Multiple layers may be required for multiple scales. Each discipline (each file) can and may have its separate site detail layer(s), as these layers are never subscribed.
Sheet-Foundation																	V																																					Notes-Foundation Plan	
Sheet-FlrFraming-#																		V																																				Notes-Floor Framing Plan	
Sheet-RoofFraming																			V																																			Notes-Roof Framing Plan	
Sheet-StrDetails-#																				V																																		Notes-Structural Details/Schedules	
Sheet-SchemPlan-#																					V																																	Notes-Floor Plan (Schematic)	
Sheet-FloorPlan-#																						V																																Notes-Floor Plan w/ Dims	This is never simultaneous with the two above sheets (one is SD, the other is an alternate project format)
Sheet-Demolition-#																							V																															Notes-Demolition Plan	
Sheet-Finish-#																								V																														Notes-Floor Pattern/Finishes Plan	
Sheet-RCParch-#																									V																													Notes-Reflected Ceiling Plan	
Sheet-FFE-#																										V																												Notes-Furniture/Fixtures/Equipment Plan	
Sheet-Roof Plan																											V																											Notes-Roof Plan	
Sheet-Elevation-#																												V																										Notes-Elevations	Never simultaneous with above-Up to 9 sheets of elevations possible
Sheet-IntElev-#																													V																									Notes-Interior Elevations	Up to 9 sheets of elevations possible
Sheet-Section-#																														V																								Notes-Sections	Up to 9 sheets of sections possible
Sheet-WallSect-#																															V																							Notes-Wall Sections / Details	Up to 9 sheets of wall sections possible
Sheet-EnlgPlan-#																																V																						Notes-Enlg Plans-Stairs/Elevs	
Sheet-Details-#																																	V																					Notes-Other Details & Schedules	Up to 9 sheets of details possible--if this proves insufficient go to the next digit
Sheet-ADAPlan-#																																		V																				Notes-ADA Compliance Plan	Use the 7 prefix for code compliancce and life safety issues
Sheet-CodeCompl-#																																			V																			Notes-Code Compliance Plan	
Sheet-AreaCalc-#																																				V																		Notes-Area Calculation Plans	Use the 8 prefix for facility management issues
Sheet-Perspective-#																																					V																	Notes-Perspective (Schematic)	
Sheet-HVACduct-#																																						V																Notes-Mechanical HVAC Duct Floor Plan	
Sheet-HVACpipg-#																																							V															Notes-Mechanical Piping Floor Plan	
Sheet-HVACdetl-#																																								V														Notes-Mechanical Details and Schedules	
Sheet-RCPlite-#																																									V													Notes-Elecrical Lighting RC Plan	
Sheet-Pwr/Comm-#																																										V												Notes-Elecrical Power/Comm Plan	
Sheet-Power-#																																											V											Notes-Electrical Power Plan	Never simultaneous with plan immediately above
Sheet-DataComm-#																																												V										Notes-Electrical Communications Plan	
Sheet-Controls-#																																													V									Notes-Electrical Controls Plan	
Sheet-ElectDetl-#																																														V								Notes-Details	
Sheet-PlbgUnder-#																																															V							Notes-Plumbing Underfloor Plan	
Sheet-PlbgSuppl-#																																																V						Notes-Plumbing Supply Plan	
Sheet-PlbgFloor-#																																																	V					Notes-Plumbing Floor Plan [combined]	Never simultaneous with plan immediately above
Sheet-PlbgSched-#																																																		V				Notes-Plumbing Details	
Sheet-FireSprink-#																																																			V			Notes-Sprinkler RC Plan	
Sheet-FireAlarm-#																																																				V		Notes-Alarm/Sensor Device Plan	
Sheet-AlarmDetl-#																																																					V	Notes-Alarm Pnl Schedules, Details	
Classes:	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Description	Comments
Area-Main								V				V																								V																		Area calculation boundary polygons	Area boundaries can represent rooms on a building floor or site areas.
Area-Patterns																																				V																		Area crosshatch & patterns	
Area-Spec												V																								V																		Area Calculations/Designations	
Ceiling-Fixtures																									V																G													Ceiling mounted fixtures	Architectural elements suspended from ceiling.
Ceiling-Main																									V													G			G										G			Ceiling elements, door and window heads	Celing grid and areas of solid ceiling elements, such as furr-downs, that don't appear dashed on floor plan. Headers of doors and windows should be drawn in this class.
Ceiling-Overhead																					V	V	V		V		V							V	V																			Ceiling Breaks, Penetrations	This class is projected on floor plan (usually dashed). Skylights and significant furrdowns should be drawn in this class.
Ceiling-Spec																									V																													Ceiling fixture special elements	Additional detail for ceiling fixtures that would show up only on a ceiling fixtures plan
Controls																																													V									Control wiring and devices	This class may be used by many trades (electric, HVAC, fire alarm, datacomm/netrworking, etc) on their individual subscribed layers.
DataComm-Devices																																										V		V										Telephone and DataComm Devices	Outlets, Cable trays, Racks, etc.
DataComm-Spec																																										V		V										Datacomm Specific Elements	Data Comm Identifiers
Demolition																					V		V																															Demolished Objects	Objects to be Demolished.
Dimension		V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Dimensions	Dimensions should typically be drawn on sheet layers.
Door-Main		V	V															G			V	V	V	G	V	G	V	V	V	V		V		V	V	G	V	G	G		G	G	G	G	G		G	G	G		G	G		2D Door components	Default' door class -- used for 2D components inside of door objects
Door-Spec																						V																																Door 'Specific" elements	Door identifiers and schedule markers.
DTM-contour label				V																																																		Digital Terrain Model	Reserved by DTM
DTM-cont2D major		G	V	V	G	G		V		G	G	G																																										Digital Terrain Model	Reserved by DTM
DTM-cont3D major																																					V																	Digital Terrain Model	Reserved by DTM
DTM-cont2D minor		G	V	V	G	G		V		G	G	G																																										Digital Terrain Model	Reserved by DTM
DTM-cont3D minor																																					V																	Digital Terrain Model	Reserved by DTM
DTM-display value			V	V																																																		Digital Terrain Model	Reserved by DTM
DTM-group				V																																	V																	Digital Terrain Model	Reserved by DTM
DTM-hull				V																																																		Digital Terrain Model	Reserved by DTM
DTM-triangle 2D				V																																																		Digital Terrain Model	Reserved by DTM
DTM-triangle 3D																																					V																	Digital Terrain Model	Reserved by DTM
DTM-mesh																																					V																	Digital Terrain Model	Reserved by DTM
DTM-flow arrow				V																																																		Digital Terrain Model	Reserved by DTM
DTM-user boundary				V																																																		Digital Terrain Model	Reserved by DTM
Electrical-Devices			V									V																														V	V											Power Devices	Outlets, receptacles, J-boxes, panels, risers, and other electrical distribution and service equipment.
Electrical-Lighting			V									V													V													G			V										G			Lighting Fixtures	Light Fixtures
Electrical-Spec			V									V																												V	V	V		V									Electrical Specific Elements	(Floors) Wiring indications, power device call-outs; (Ceilings) Switches, circuits, fixture IDs, switch legs; (Site) Both power and lighting.
Equipment-Main																					G	G				V								G	G							G		G	G									Equipment / Appliances	Fixed and Movable. Status of equipment (NIC/OFOI/CFCI/etc) in database fields.
Equipment-Spec																										V																												Equipment specific elements	Equipment Identifiers
Fire Safety-Alarm																																			V																	V		Fire alarm devices and connections	Pull stations, smoke detectors, klaxons, controllers, connections, Ids
Fire Safety-Main																																			V																			Fire Protection Devices	Fire Hose Cabinets, Standpipes, Risers, Siamese connections, Fire Exits, Fire extinguishers--basic outline information
Fire Safety-Spec																																			V																	V		Fire Proections Specific Elements	Arrows to nearest exit, graphic tags for fire safety items
Fire Sprinkler-Main																									V																										V			Sprinkler head data	Locations/basic outlines of sprinkler heads
Fire Sprinkler-Spec																																																			V			Sprinkler specific elements	Sprinkler type Ids (on sheet layer), Piping (on Mod-Fire Safety layer)
Fixtures-Main																					V	V	V	V		V	V					V		V	V		V				G	G	G	G										Fixtures	Toilet Room Accessories, Display Cases, Handrails, Other miscellaneous fixtures.
Fixtures-Spec																										V																												Fixture specific information	Fixture Identifiers
Floor Breaks																	V	V			V	V	V	V		G	V					V		V	V	G																		Level Changes, Ramps, Pits, and Depressions	
Floor-Patt																								V																														Paving, Tile, and Carpet Patterns	Floor patterns which show up on CD finish plans
Furniture-Main																					V					V																G	G	G										Furniture	Furniture outlines and basic information
Furniture-Spec																										V																												Furniture specific elements	Furniture Identifiers
Guide-ADA																																		V																				ADA guide clearances	Accessible path indicators, clearances inside of door and plumbing fixture symbols/objects.
Guides																						G																																Guidelines and non-ADA clearances.	Geometry/Layout/Regulating/Control Lines. Also equipment, cabinet door swings/drawers, etc. Can be inside of symbols/objects.
HVAC-Controls																																						V																HVAC Controls, Thermostats	Thermostats, wiring and control indications.
HVAC-Diffusers																									V													V	G		G										G			HVAC Diffusers	Ceiling, wall SA, RA, and exhaust diffuser and registers
HVAC-Duct/Equipment																																						V	G															HVAC Ductwork	SA, RA, Exhaust, and Ventilation ducts, Transfer duct, Turning vanes, Splitters, Dampers, Fans, Exhaust fans, Hoods, Fume Hoods, Coils, Boilers, Mixing boxes, Fan-coils, radiators, strip heating coils, etc
HVAC-Piping																																							V															HVAC Piping	CW, HW, HPS, LPS, Condensate, Refrigerant piping, risers
HVAC-Spec																																						V	V															HVAC IDs	Device and equipment IDs, notes attached to HVAC objects
Irrigation-Main											V																																											Irrigation systems	Spinkler heads and piping
Irrigation-spec											V																																											Irrigation systems speciific elements	Callouts, throw of heads, coverage areas, etc.
Landscape-Areas								V	V	V	G																																											Planting areas	Hardscape, Turf, Beds, Grounds Covers and Vines
Landscape-Features			V							V	G	G																																										Landscaping site improvements	Fencing, bridges, steps, follies, kiosks, gazebos, decks, patios, play structures, site furnishings, sports fields, bicycle racks
Landscape-Plants								V	V	V	G																																										Discrete plant materials	Shrubs, other individual or grouped plants
Landscape-Spec										V																																												Planting specific elements	Planting callouts, other technical data held with landscape
Landscape-Water			V		V			V	V	V		G																																										Water features, pools, spas	Water features, pools, spas
Millwork-Main																					V	V	V	G	G	V	V					V		V	V	G		G			G	G	G	G	G		G	G	G		G	G		Milllwork	Architectural Woodwork [field-built] as well as casework [manufactured] cabinets and counters
Millwork-Spec																						V				V																												Milllwork special elements	Millwork identifiers
None	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	Default Class	Default class--Used for items always appearinng in plan and in details, elevations, sections etc.
NonPlot	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	Non-Plotting Information	User guidelines, reprographic instructions, etc.
Notes-Model	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Notes Registered to Model	Call outs and other notes that are intended to stay referenced to the actual building information rather than the sheet.
Notes-Sheet	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Notes Registered to Sheet	Notes such as schedules, notation blocks, etc. that stay referenced to the sheet rather than the building.
Patterns		V																			V																V																	Rendering patterns	Pictorial hatching and rendering, applied shadows, woodgrain, plant materials, diffuser grilles, faucets, tree and plant hatching, other detail normally used in illustrative plans.
Plumbing-CW Piping			V			V																																										V	V					Plumbing-Cold Water	(Floors) CW Piping, valves, controls; (Site) Water piping, fire piping, meters, valves, meter wells, hydrants, etc.
Plumbing-Fixtures																	G				V	V	V	G	G	V	V					V		V	V	G												G	V	V					Plumbing Fixture elements	Plumbing fixtures and equipment-Basic outlines that would show up on all plans (incl floor and roof drains)
Plumbing-Gas			V			V																																										V	V					Plumbing-Natural Gas	(Floors) NG Piping, LPG Piping, gas valves, controls (as drawn); (Site) Piping, meters, valves, wells, etc.
Plumbing-HW Piping																																																V	V					Plumbing-Hot Water	HW Piping, valves, controls.
Plumbing-Sanitary			V			V																																									V							Plumbing-Sannitary Sewer	(Floors) Sanitary Sewer piping, fittings (if drawn); (Site) Sanitary piping, manholes, sampling wells, etc.
Plumbing-Spec			V																																												V	V	V					Plumbing Specific elements	Plumbing Identifiers
Plumbing-Storm			V		V	G																																									V		V					Storm Drains	Storm piping and risers
Redlines																																																						Redlines	Non-printing Redline objects and notes.
Roof-Main		V	V	V	V	V	V	V	V	V	V	V	V	V	V				G								V	V		V	V							V																Roof Main Elements	Main roof elements, dormers, gable walls, ridges, valleys, parapets, etc.
Roof-Spec																			G								V	V		V	V							V																Roof Ancillary Elements	Gutters, Downspouts, roof slope arrows, etc.
Room-Name																					V	V		V	V	V	V							V	V	V		V			V		V	V				V	V			V		Room Name	(Used inside RoomID symbols/objects)
Security																																										V		V										Security/CCTV devices	Security/CCTV devices and connections
Signage-Main															V											V																												Signage	Sign elements
Signage-Spec															V											V																												Signage Number/ID	Sign Identifiers
Sills																					V	V	V	G		G	V	V	V	V		V		V	V	G	V					G	G	G	G		G	G	G		G	G		Door and window sills	Window sills or anything (not otherwise categorized) that would be drawn in the floor plan but not the ceiling plan.
Site-Building		V	V	G	G	G	G	V				G	V	V	V																																							Proposed Building Footprints	Layer links to building layers
Site-Cars		V																																																				Illustrative Cars	This has its own class for hiding for non-presentation drawings. Similar to a "Pattern" class
Site-Improve-Spec			V																																																		Improvement specific elements	Detail, callouts, etc
Site-Improvements		V	V	G	G	G	G	V				G	V	V	V																																							Site Improvements	Site walls, other structures-Basic outlines. Features that need to show up on all types of site plans.
Site-Paving		V	V	G	V	G	V	V	G	G	G	G	V	V	V																																							Paving	Roadways, Driveways, Parking lots, sidewalks, hardscape, other paving
Site-Paving-Marking		V	V				V						V	V	V																																							Pavement Marking	Parking lot striping, pavement signage, stall numbers, etc.
Site-Paving-Spec			V				V							V																																								Pavement Specific Elements	Expansion joints, curbs, wheel stops, textured areas, callouts, etc.
Site-Property		V	V	V	V	V	V	V	V	V	V	G	V	V	V																																							Property Lines	Property Lines
Site-Property-Esmt		V	V	G		G	G	V	G	G	G		V	V	G																																							Easements	Easements, Right-of-Ways, Setback Lines and labels for same
Site-Property-Spec			V	V				V	V				V																																									Bearings and Distance Labels	Bearings, Distances, Survey Benchmarks, etc.
Site-Topography		G	V	V	G	G		V		G	G		G																																								Contour Lines	Topo lines
Site-Topography-Spec			V	V																																																		Contour Elevations	Elevation numbers, spot elevations, benchmarks
Site-Trees		V	V	G		G		V	V	V	V	G	V	G	G																																							Trees	Basic Tree info-drip line and center
Site-Trees-Spec			V						V																																													Tree IDs	Tree identifiers, Species, size data, etc, IF separate from tree object
Site-Util-Power			V			V						V			G																																							Power Service Elements	Elements of main power (or communications) service: wiring, meters, pullboxes, poles, demarcs, transformers, distribution panels).
Site-Util-Spec			V			V																																															Site Utilities-specific elements	Detail, callouts, etc
Site-Util-Storm			V		V	G									G																																							Site Utilities-Storm Sewer	Piping, detention ponds, catch basins, area drains, swales, manholes, headwalls, surface flow arrows, etc.
Sound																																										V		V										Sound/PA/Paging devices and connections	
Structural-Columns																	G	V			V	V	V	V	V	G	V	V	V	V		V	V	V	V	G	V	G	G		G	G	G	G	G		G	G	G		G	G		Columns	
Structural-Footings													V				V											V	V	V							V																	Footings, Piles and Drilled Piers	Piles, Grade beams, Caissons
Structural-Framing																	V	V	V																																			Beams, Joists, Trusses	Beams, Joists, Trusses, other hidden structural elements
Structural-Grid													V				V	V	V			V	V		V		V					V		V	V																				Structural Column Grid	Grid, bubbles, IDs
Structural-Slab																	V	V	V		V	V	V	V	V	G	V	V	V	V		V	V	V	V	G	V	G	G		G	G	G	G	G		G	G	G		G	G		Slab	Slabs-on-grade or upper floor slab.
Structural-Spec																	V	V	V	V																																		Structural Specific Elements	Anchor bolts, column IDs, Reinforcing
Style-1	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Material/finishes for rendering	Texture information inside of plug-in objects
Style-10	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Material/finishes for rendering	Texture information inside of plug-in objects
Style-11	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Material/finishes for rendering	Texture information inside of plug-in objects
Style-12	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Material/finishes for rendering	Texture information inside of plug-in objects
Style-13	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Material/finishes for rendering	Texture information inside of plug-in objects
Style-14	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Material/finishes for rendering	Texture information inside of plug-in objects
Style-15	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Material/finishes for rendering	Texture information inside of plug-in objects
Style-2	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Material/finishes for rendering	Texture information inside of plug-in objects
Style-3	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Material/finishes for rendering	Texture information inside of plug-in objects
Style-4	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Material/finishes for rendering	Texture information inside of plug-in objects
Style-5	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Material/finishes for rendering	Texture information inside of plug-in objects
Style-6	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Material/finishes for rendering	Texture information inside of plug-in objects
Style-7	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Material/finishes for rendering	Texture information inside of plug-in objects
Style-8	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Material/finishes for rendering	Texture information inside of plug-in objects
Style-9	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Material/finishes for rendering	Texture information inside of plug-in objects
Style-Glazing 1	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Material/finishes for glass in rendering	Glass texture information inside plug-in objects
Style-Glazing 2	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Material/finishes for glass in rendering	Glass texture information inside plug-in objects
Style-Glazing 3	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Material/finishes for glass in rendering	Glass texture information inside plug-in objects
Style-Foliage 1	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Foliage textures in 3D site plans	Illustrative foliage information in landscape objects
Style-Foliage 2	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Foliage textures in 3D site plans	Illustrative foliage information in landscape objects
Style-Foliage 3	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	Foliage textures in 3D site plans	Illustrative foliage information in landscape objects
Vert Trans-Main		V	V	V	V	V	V	V	V	V	V	V	V	V	V		V	V	G		V	V	V	G	V	G	V					V		V	V	G	V	G	G		G	G	G	G	G		G	G	G		G	G		Vertical Transportation elements	Stairs, elevators, stair handrails unique to particular floors
Vert Trans-Spec																						V													V																			VT-specific elements	"UP" and "DOWN" arrows, riser count, etc.
Wall-Ext-Frame		V	V	V	V	V	V	V	V	V	V	V	V	V	V		G	G	G		V	V	V	G	V	G	V	V	V	V	V	V		V	V	G	V	G	G		G	G	G	G	G		G	G	G		G	G		Exterior frame walls	Wood and metal frame walls
Wall-Ext-Glazed		V	V	V	V	V	V	V	V	V	V	V	V	V	V		G	G	G		V	V	V	G	V	G	V	V	V	V	V	V		V	V	G	V	G	G		G	G	G	G	G		G	G	G		G	G		Exterior window wall	Window wall and Storefront wall elements
Wall-Ext-Masonry		V	V	V	V	V	V	V	V	V	V	V	V	V	V		V	G	G		V	V	V	G	V	G	V	V	V	V	V	V		V	V	G	V	G	G		G	G	G	G	G		G	G	G		G	G		Exterior Masonry Walls	Solid or Cavity Masonry Walls
Wall-Ext-Veneer		V	V	V	V	V	V	V	V	V	V	V	V	V	V		G	G	G		V	V	V	G	V	G	V	V	V	V	V	V		V	V	G	V	G	G		G	G	G	G	G		G	G	G		G	G		Exterior Masonry Veneer Walls	Masonry Veneer or Stone Veneer walls
Wall-Fire																						V													V			V	G												V	V		Firewall Hatching and Fill	Fire Separation Wall Graphics
Wall-Int																		G	G		V	V	V	G	V	G	V		V	V	V	V		V	V	G	V	G	G		G	G	G	G	G		G	G	G		G	G		Interior Partition Systems	Partitions that go to ceiling only.
Wall-Int-Full																		G	G		V	V	V	G	V	G	V		V	V	V	V		V	V	G	V	G	G		G	G	G	G	G		G	G	G		G	G		Interior Partitions that go to deck	Partitions that interrupt the ceiling cavity. These may be firewalls or bearing walls or acoustical walls.
Wall-Int-Partial																					V	V	V	G		G	V		V	V	V	V		V	V	G	V																Partial Height Walls	Low partitions and toilet partitions. This class is turned off in ceiling plans.
Wall-Spec																						V													V																			"Specific" wall information	Wall IDs
Window-Main		V	V														G	G	G		V	V	V	G	V	G	V	V	V	V	V	V		V	V	G	V	G	G		G	G	G	G	G		G	G	G		G	G		2D Window components	Default' window class
Window-Spec																						V																																Window 'Specific' information	Window IDs